# 2017 SOLVENCY AND FINANCIAL CONDITION REPORT

SCOR GROUP, SCOR SE, SGP&C SE AND SGL SE

SCOR
The Art & Science of Risk

# CONTENTS

# 2017 SOLVENCY AND FINANCIAL CONDITION REPORT

SCOR

The Art & Science of Risk

A European Company with share capital of EUR 1,524,196,637.05
Registered Office: 5 avenue Kléber – 75116 Paris
Trade and Company register (RCS) Paris No. 562 033 357

# EXECUTIVE SUMMARY

## INTRODUCTION

This document, the Solvency and Financial Condition Report (SFCR) for SCOR Group, SCOR SE, SCOR Global Life SE and SCOR Global P&C SE, presents information on SCOR and its solvency position as at December 31, 2017 and has been prepared in accordance with Solvency II regulations. SFCR appendices include key financial information in the standard format of Solvency II public Quantitative Reporting Templates.

This report covers the consolidated SCOR Group as a whole (SCOR SE and all its branches and subsidiaries), as well as additional information specific to each of the following European Economic Area (EEA) regulated reinsurance undertakings based in France (further referred to as regulated entities or solo entities):

- SCOR SE;
- SCOR Global P&C SE (further referred to as SGP&C SE);
- SCOR Global Life SE (further referred to as SGL SE).

The following two subsidiaries of SCOR SE, which are also (EEA) regulated reinsurance undertakings, have published separate Solvency and Financial Condition Reports:

- SCOR Global Life Reinsurance Ireland Limited (further referred to as SGLRI);
- SCOR UK Company Limited (further referred to as SCOR UK).

The SFCRs of SCOR Group and its EEA regulated entities are available at www.scor.com and have also been submitted to the relevant supervisory authorities.

The Solvency and Financial Condition Report includes the following chapters, which are summarized below:

A. Business and performance
B. System of governance
C. Risk profile
D. Valuation for solvency purposes
E. Capital management

Within the narratives and the tables of the executive summary and the narratives of the rest of this report, the figures have been presented in millions of currency units to improve readability. Tables containing figures in the rest of this report are presented in thousands of currency units. Certain reclassifications and revisions have been made to the financial information in respect of the prior year to bring it in line with the current year presentation. This report is available in English and French.

References to additional details included in the following publicly available documents have been made throughout the report:

- 2017 Document de Référence – the Registration Document of SCOR SE, including the consolidated financial statements of SCOR Group and unconsolidated corporate financial statements of SCOR SE (États financiers non consolidés de SCOR SE), filed with the French financial markets authority (Autorité des marchés financiers – AMF) and available on SCOR's website www.scor.com/en/financial-information. (further referred to as the 2017 Registration Document);
- Comptes annuels de SCOR Global P&C SE 31 décembre 2017 – further referred to as the 2017 Financial Statements of SGP&C SE and available on the website www.infogreffe.fr;
- Comptes annuels de SCOR Global Life SE 31 décembre 2017 – further referred to as the 2017 Financial Statements of SGL SE available on the website www.infogreffe.fr;
- SCOR's three-year strategic plan, "Vision in Action" covering the period mid-2016 to mid-2019 available at www.scor.com/en/vision-action.

## SCOR GROUP

### Business and Performance

SCOR SE and its consolidated subsidiaries ("SCOR" or the "Group"), form the world's fourth largest reinsurer(1) serving more than 4,000 clients from its three regional management platforms, or organizational Hubs (the "Hubs"): the EMEA Hub, the Americas Hub and the Asia-Pacific Hub.

The EMEA Hub results from the combination of previously existing Hubs of Zurich-Cologne and Paris-London. This new step in the optimization of the Group's organizational structure follows on from the creation of the Zurich-Cologne Hub in October 2014 and the Paris-London Hub in April 2015.

The Group is a three engine group driven by SCOR Global Life, SCOR Global P&C and SCOR Global Investments. The Group's organizational choices were guided by the principles of mobilization of skills and expertise, operating efficiency, structural simplicity, clear reporting lines and balance amongst teams from the Group's different entities.

SCOR Global P&C, the Group's Non-Life division, operates worldwide through two main global reinsurance companies (SCOR Global P&C SE and SCOR SE) as well as insurance and reinsurance subsidiaries and branches in the EMEA, Americas and Asia-Pacific regions.

SCOR Global Life, the Group's Life division, operates worldwide through two main global reinsurance companies (SCOR Global Life SE and SCOR SE) as well as insurance and reinsurance subsidiaries and branches in the EMEA, Americas and Asia-Pacific regions. It operates its reinsurance distribution solutions activities through a specialized subsidiary of SCOR Global Life SE.

(1) By net reinsurance premiums written, source: "AM Best Special Report Global Reinsurance 2017".

SCOR Global Investments, the third division of the Group, manages the investment portfolio of the Group's legal entities.

SCOR Group is regulated by the "Solvency II" European Directive which applies since January 1, 2016, having been transposed into French law on April 2, 2015 through the ordinance No 2015-378 and related decree (No. 2015-513, May 7, 2015) and order (of May 7, 2015).

SCOR Group is subject to supervision by the French insurance supervisor (Autorité de Contrôle Prudentiel et de Résolution – ACPR), which has extensive oversight authority, including to review the Group's solvency capital requirements as well as the solvency capital requirement of each French insurance or reinsurance company. Since January 1, 2016, the regulatory solvency position of the Group has been assessed using SCOR's internal model, which was approved in November 2015 by the relevant supervisory authorities.

### Consolidated SCOR Group

| *In EUR millions* | Year ended 12/31/2017 | Year ended 12/31/2016 |
|---|---|---|
| Eligible Own Funds (EOF) | 9,184 | 10,129 |
| Solvency Capital Requirement (SCR) Internal Model | 4,317 | 4,496 |
| **Solvency ratio** | **213%** | **225%** |
| Gross written premiums | 14,789 | 13,826 |

Although 2017 has been marked by an exceptional series of large natural catastrophes which occurred during the second half of the year, SCOR's strong underlying results and the solidity of its solvency position demonstrate its resilience and the effectiveness of its business model, based on extensive business and geographical diversification, while focusing on traditional reinsurance activities. As at December 31, 2017 SCOR's solvency ratio is in the upper part of the optimal range of 185% – 220% as defined in the "Vision in Action" plan and its eligible own funds consist of 85% of Tier 1 and 15% of Tier 2 capital.

## System of governance

SCOR SE is a European Company (Societas Europea) registered with the Paris Trade and Companies Register. It is SCOR Group's parent company.

SCOR SE's shares are listed on Euronext Paris. SCOR SE is subject to applicable French laws and regulations (including, but not limited to, the French Commercial Code, the AMF Regulation, the French Monetary and Financial Code and the French Insurance Code) and is supervised notably by the AMF and the Autorité de Contrôle Prudentiel et de Résolution ("ACPR"). In application of the July 3, 2008 Act implementing the European Union Directive 2006/46/CE of June 14, 2006, SCOR SE refers to the AFEP-MEDEF corporate governance code for listed companies.

SCOR believes that its application of corporate governance principles is appropriate and complies with best corporate governance practices in effect in France in light of AMF and AFEP-MEDEF recommendations.

## Risk profile

The Group regularly conducts reviews of the risks that could have a material adverse effect on its activity, its financial position or results (or capacity to meet objectives), and considers that no significant risk other than those disclosed in the Risk profile chapter of this report exists.

The Group has identified the following categories of risks, also applicable to legal entities:

- strategic risks, which can arise either from the strategy itself, from external risks or from internal risks;
- underwriting risks related to the P&C and Life reinsurance businesses, which can arise when the actual amounts of claims and indemnity payments, or the timing thereof, differ from estimates;
- market risks; the risk that the fair value of future cash flows of a financial instrument fluctuates because of changes in market prices or macroeconomic variables;
- credit risks; the risk of incurring a loss as a result of an unexpected change in the financial situation of a counterparty;
- liquidity risks, which can arise when available liquidity is not sufficient to meet liquidity needs;
- operational risks, which are inherent to all businesses.

All risks described in the Risk profile chapter are managed through a variety of mechanisms in SCOR's ERM (Enterprise Risk Management) framework.

## Valuation for solvency purposes

Solvency II requires SCOR to produce an economic balance sheet (subsequently referred to as EBS) representing a market view of its assets and liabilities as at the reporting date. Solvency II regulations require the EBS to include assets valued at the amount for which they could be exchanged between knowledgeable and willing parties in an arm's length transaction and liabilities valued at the amount for which they could be transferred, or settled, between knowledgeable and willing parties in an arm's length transaction. In addition, liabilities are not adjusted to take account of the credit standing of the reporting entity.

The details of the valuation principles applied in the EBS, including the differences between the valuation principles and those applied in the financial statements, are outlined in Chapter D – Valuation for solvency purposes of this report.

In the EBS, both assets and liabilities relating to in-force business are recognized at market-consistent values, which constitute the valuation for solvency purposes. SCOR's EBS as at December 31, 2017 was prepared based on the assumption that the Group and all solo entities will continue as going concern in line with the preparation of the consolidated and legal entities' financial statements. SCOR Group prepares consolidated financial statements in accordance with International Financial Reporting Standards (IFRS).

The preparation of the EBS requires management to make certain judgments, assumptions and estimates. These affect the reported amounts of assets and liabilities and the additional disclosures. Management reviews these estimates and assumptions periodically, based on past experience and other factors. The actual outcome and results could differ substantially from estimates and assumptions made. The most material financial statement items for which the Group and EEA regulated entities use estimates and assumptions are technical provisions (best estimate liabilities and risk margin), insurance and reinsurance receivables/payables, intangible assets and deferred taxes.

The consolidated economic balance sheet of SCOR Group is prepared using the same principles applied to its consolidated financial statements (as described in Section D.1.3 – Participations). All material intragroup balances and transactions including the result of inter-company transactions are eliminated.

The principles for the valuation for solvency purposes of assets, technical provisions and other liabilities as presented in this chapter have been applied consistently by SCOR Group and its subsidiaries, including third-country undertakings.

### Capital management

Capital management is at the core of SCOR's strategy. SCOR's goal is to manage its capital in order to maximize its profitability while maintaining solvency within its "optimal" target range of between 185% and 220% in line with its risk/return strategy as defined in SCOR's strategic plan "Vision in Action".

SCOR has had strong capital management governance and processes in place with integrated supervision of regulatory constraints at Group level for many years, ensuring an optimized use of capital and fungibility of capital within the Group. On a quarterly basis, SCOR monitors and updates all Group and legal entity capital and regulatory solvency positions (actuals and one-year projections) to detect any material changes over each quarter and to anticipate the necessary actions to maintain adequate solvency. This detailed capital planning exercise is based on the Group's bi-annual financial operating plan and is broken down at legal entity level. SCOR also performs three-year capital projections, including IFRS, regulatory capital, and rating capital projections, in the context of its three-year strategic planning exercise.

SCOR Group considers that there is no significant restriction affecting fungibility and transferability of its basic own funds for covering the Group Solvency Capital requirement (SCR).

SCOR developed its internal model to ensure that its solvency is properly measured: the model is part of a comprehensive solvency framework which seeks to ensure that SCOR is solvent now and will continue to be solvent in the future. Based on a deep understanding of the risks SCOR faces, the internal model uses state-of-the-art techniques to measure solvency and assess capital requirements, including SCR. Since January 1, 2016, the regulatory solvency position of the Group has been assessed using SCOR's internal model, which was approved in November 2015 by the relevant supervisory authorities.

SCOR's internal model is central to SCOR's decision making and is widely used to support the Group's business initiatives and to provide input to management decisions.

## SCOR SE

### Business and performance

**SCOR SE**

| *In EUR millions* | Year ended 12/31/2017 | Year ended 12/31/2016 |
|---|---|---|
| Eligible Own Funds (EOF) | 8,983 | 9,904 |
| Solvency Capital Requirement (SCR) Internal Model | 4,323 | 4,498 |
| **Solvency ratio** | **208%** | **220%** |
| Gross written premiums | 2,266 | 2,053 |

SCOR SE's eligible own funds at December 31, 2017 consist of 84% of Tier 1, 15% of Tier 2 and 1% of Tier 3 capital.

### System of governance

SCOR SE is a European Company (*Societas Europaea*) registered with the Paris Trade and Companies Register under the number 562 033 357 RCS Paris. It is SCOR Group's parent company. SCOR SE's governance structure is the same as that of SCOR Group.

### Risk profile

SCOR SE regularly conducts reviews of the risks that could have a material adverse effect on its activity, its financial position or results (or capacity to meet objectives), and considers that no other significant risk, other than those disclosed in the Risk profile chapter of this report exists.

SCOR SE has identified the following risks categories:

- strategic risks, which can arise either from the strategy itself, from external risks or from internal risks;
- underwriting risks related to the P&C and Life reinsurance businesses, which can arise when the actual amounts of claims and indemnity payments, or the timing thereof, differ from estimates;
- market risks; the risk that the fair value of future cash flows of a financial instrument fluctuates because of changes in market prices or macroeconomic variables;

- credit risks; the risk of incurring a loss as a result of an unexpected change in the financial situation of a counterparty;
- liquidity risks, which can arise when available liquidity is not sufficient to meet liquidity needs;
- operational risks, which are inherent to all businesses.

All risks described in the Risk profile chapter are managed through a variety of mechanisms in SCOR's ERM (Enterprise Risk Management) framework.

### Valuation for solvency purposes

Solvency II requires SCOR SE to produce an economic balance sheet (subsequently referred to as EBS) representing a market view of its assets and liabilities as at the reporting date. Solvency II regulations require the EBS to include assets valued at the amount for which they could be exchanged between knowledgeable willing parties in an arm's length transaction and liabilities valued at the amount for which they could be transferred, or settled, between knowledgeable willing parties in an arm's length transaction. In addition, liabilities are not adjusted to take account of the credit standing of the reporting entity.

The details of the valuation principles applied in the EBS, including the differences between the valuation principles and those applied in the financial statements, are outlined in this chapter.

In the EBS, both assets and liabilities relating to in-force business are recognized at market-consistent values, which constitute the valuation for solvency purposes. SCOR SE's EBS as at December 31, 2017 was prepared based on the assumption that SCOR Group, SCOR SE and all solo entities will continue as going concern in line with the preparation of the consolidated and legal entities' financial statements. SCOR SE prepares its financial statements under French GAAP.

The preparation of the EBS requires management to make certain judgments, assumptions and estimates. These affect the reported amounts of assets and liabilities and the additional disclosures. Management reviews these estimates and assumptions periodically, based on past experience and other factors. The actual outcome and results could differ substantially from estimates and assumptions made. The most material financial statement items for which the Group and EEA regulated entities use estimates and assumptions are technical provisions (best estimate liabilities and risk margin), insurance and reinsurance receivables/payables and deferred taxes.

### Capital management

As the parent company of SCOR Group, SCOR SE's capital management governance and processes, and capital planning are the same as those of SCOR Group.

SCOR SE's own funds structure is similar to that of the Group. SCOR SE considers all its basic own funds, identified in line with Solvency II rules and resulting from economic adjustments made to SCOR SE's shareholders' equity under French GAAP, as available and eligible to cover the SCR.

SCOR applies the same internal model across the Group including SCOR SE. Since January 1, 2016, the regulatory solvency position of SCOR SE has been assessed using SCOR's internal model, which was approved in November 2015 by the relevant supervisory authorities.

SCOR's internal model is central to decision making and is widely used to support the Group's business initiatives and to provide input to management decisions.

## SCOR GLOBAL P&C SE

### Business and performance

SCOR Global P&C SE (SGP&C SE) is a leading P&C reinsurer with a worldwide footprint. The business comprises traditional reinsurance transactions: Treaty, Business Solutions, and Specialty Lines reinsurance. SGP&C SE capitalizes on a long standing franchise, experience, and an extensive data base comprising multi-line expertise.

2017 has been marked by an exceptional series of large natural catastrophes that occurred during the 2nd half of the year. The in-force retrocession programs have responded as expected, bearing witness to the SCOR Global P&C efficient capital shield policy. Despite these events and an increasing competition in the market since last year, the "Vision in Action" objectives are confirmed thanks notably to January 2017 renewals and strengthening of initiatives undertaken in 2016.

**SGP&C SE**

| *In EUR millions* | Year ended 12/31/2017 | Year ended 12/31/2016 |
|---|---|---|
| Eligible Own Funds (EOF) | 2,514 | 2,775 |
| Solvency Capital Requirement (SCR) Internal Model | 1,351 | 1,578 |
| **Solvency ratio** | **186%** | **176%** |
| Gross written premiums | 2,818 | 2,735 |

SGP&C SE's eligible own funds at December 31, 2017 consist of 98% of Tier 1, 1% of Tier 2 and 1% of Tier 3 capital.

### System of governance

SGP&C SE is a European company (*Societas Europaea*) incorporated in France, with its registered office located at 5 avenue Kleber, 75116 Paris and registered with the Paris Trade and Companies Register under the number 352 980 619 RCS Paris.

The Company's bylaws and SGP&C SE's Board of Directors' internal regulations set forth the fundamental rules of its governance inter alia the structure, composition and organization of SGP&C SE's Board of Directors as well as the directors' duties and responsibilities.

### Risk profile

SGP&C SE regularly conducts reviews of the risks that could have a material adverse effect on its activity, its financial position or results (or capacity to meet objectives), and considers that no significant risk, other than those disclosed in the Risk profile chapter of this report exists.

SGP&C SE has identified the following risk categories:

- strategic risks, which can arise either from the strategy itself, from external risks or from internal risks;
- underwriting risks related to the P&C reinsurance businesses, which can arise when the actual amounts of claims and indemnity payments, or the timing thereof, differ from estimates;
- market risks; the risk that the fair value of future cash flows of a financial instrument fluctuates because of changes in market prices or macroeconomic variables;
- credit risks; the risk of incurring a loss as a result of an unexpected change in the financial situation of a counterparty;
- liquidity risks, which can arise when available liquidity is not sufficient to meet liquidity needs;
- operational risks, which are inherent to all businesses.

All risks described in the Risk profile chapter are managed through a variety of mechanisms in SCOR's ERM (Enterprise Risk Management) framework.

### Valuation for solvency purposes

Solvency II requires SGP&C SE to produce an economic balance sheet (subsequently referred to as EBS) representing a market view of its assets and liabilities as at the reporting date. Solvency II regulations require the EBS to include assets valued at the amount for which they could be exchanged between knowledgeable willing parties in an arm's length transaction and liabilities valued at the amount for which they could be transferred, or settled, between knowledgeable willing parties in an arm's length transaction. In addition, liabilities are not adjusted to take account of the credit standing of the reporting entity.

The details of the valuation principles applied in the EBS, including the differences between the valuation principles and those applied in the financial statements, are outlined in this chapter.

In the EBS, both assets and liabilities relating to in-force business are recognized at market-consistent values which constitute the valuation for solvency purposes. SGP&C SE's EBS as at December 31, 2017 was prepared based on the assumption that SCOR Group, SGP&C SE and all solo entities will continue as going concern in line with the preparation of the consolidated and legal entities' financial statements. SGP&C SE prepares its financial statements under French GAAP.

The preparation of the EBS requires management to make certain judgments, assumptions and estimates. These affect the reported amounts of assets and liabilities and the additional disclosures. Management reviews these estimates and assumptions periodically, based on past experience and other factors. The actual outcome and results could differ substantially from estimates and assumptions made. The most material financial statement captions for which the Group and EEA regulated entities use estimates and assumptions are technical provisions (best estimate liabilities and risk margin), insurance and reinsurance receivables/payables, intangible assets and deferred taxes.

### Capital management

As a wholly-owned subsidiary of SCOR Group, SGP&C SE's capital management governance and processes, and capital planning are the same as those of SCOR Group.

SGP&C SE considers all its basic own funds, identified in line with Solvency II rules and resulting from economic adjustments made to SGP&C SE's shareholders' equity under French GAAP, as available and eligible to cover the SCR.

SCOR applies the same internal model across the Group including SGP&C SE. Since January 1, 2016, the regulatory solvency position of SGP&C SE has been assessed using SCOR's internal model, which was approved in November 2015 by the relevant supervisory authorities.

SCOR's internal model is central to decision making and is widely used to support the Group's business initiatives and to provide input to management decisions.

## SCOR GLOBAL LIFE SE

### Business and performance

SCOR Global Life SE (SGL SE) operates through its unified global organization with a specialized market approach in three regions: Americas, EMEA (Europe, Middle East and Africa) and Asia-Pacific. It underwrites Life reinsurance business in the following product lines:

- Protection;
- Financial solutions;
- Longevity.

Protection encompasses the traditional Life reinsurance business for living and death benefits. The main risks undertaken are mortality, morbidity and behavioral risks for individuals and groups of individuals. Financial solutions typically combine traditional Life reinsurance with financing components providing liquidity, balance sheet, solvency and/or income improvements to the client. Longevity products cover the risk of negative deviation from expected results due to the insured or annuitant living longer than assumed in the pricing of insurance cover provided by insurers or pension funds.

In 2017, SGL SE continued to grow profitably in a competitive Life reinsurance market thanks to a robust flow of new business and expansion of franchise in various key regions and product lines.

Gross written premiums for the financial year ended December 31, 2017 amounted to EUR 3,903 million, an increase of 6% compared to EUR 3,668 million in 2016 (10% increase at constant exchange rates). Growth was recognized in the Protection product line in the Americas, in the Financial Solutions in Asia-Pacific and in the Longevity product line in Europe.

In 2017, SGL SE was confronted with a worsening underling US mortality claims experience that has been higher than expected.

### SGL SE

| In EUR millions | Year ended 12/31/2017 | Year ended 12/31/2016 |
|---|---|---|
| Eligible Own Funds (EOF) | 4,496 | 4,983 |
| Solvency Capital Requirement (SCR) Internal Model | 2,727 | 3,192 |
| **Solvency ratio** | **165%** | **156%** |
| Gross written premiums | 3,903 | 3,688 |

SGL SE's eligible own funds at December 31, 2017 consist of 82% of Tier 1 and 18% of Tier 2 capital.

## System of governance

SGL SE is a European Company (*Societas Europaea*) incorporated in France, with its registered office located at 5 avenue Kleber, 75116 Paris and registered with the Paris Trade and Companies Register under the number 433 935 558 RCS Paris.

The Company's bylaws and SGL SE's Board of Directors' internal regulations set forth the fundamental rules of its governance inter alia the structure, composition and organization of the SGL SE Board of Directors as well as the directors' duties and responsibilities.

## Risk profile

SGL SE regularly conducts reviews of the risks that could have a material adverse effect on its activity, its financial position or results (or capacity to meet objectives), and considers that no other significant risk, other than those disclosed in the Risk profile chapter of this report exists.

SGL SE has identified the following risk categories:

- strategic risks, which can arise either from the strategy itself, from external risks or from internal risks;
- underwriting risks related to the Life reinsurance businesses, which can arise when the actual amounts of claims, or the timing thereof, differ from estimates;
- market risks; the risk that the fair value of future cash flows of a financial instrument fluctuates because of changes in market prices or macroeconomic variables;
- credit risks; the risk of incurring a loss as a result of an unexpected change in the financial situation of a counterparty;
- liquidity risks, which can arise when available liquidity is not sufficient to meet liquidity needs;
- operational risks, which are inherent to all businesses.

All risks described in the Risk profile chapter are managed through a variety of mechanisms in SCOR's ERM (Enterprise Risk Management) framework.

## Valuation for solvency purposes

Solvency II requires SGL SE to produce an economic balance sheet (subsequently referred to as EBS) representing a market view of its assets and liabilities as at the reporting date. Solvency II regulations require the EBS to include assets valued at the amount for which they could be exchanged between knowledgeable willing parties in an arm's length transaction and liabilities valued at the amount for which they could be transferred, or settled, between knowledgeable willing parties in an arm's length transaction. In addition, liabilities are not adjusted to take account of the credit standing of the reporting entity.

The details of the valuation principles applied in the EBS, including the differences between the valuation principles and those applied in the financial statements, are outlined in this chapter.

In the EBS both assets and liabilities relating to in-force business are recognized at market-consistent values, which constitute the valuation for solvency purposes. SGL SE's EBS as at December 31, 2017 was prepared based on the assumption that SCOR Group, SGL SE and all solo entities will continue as going concern in line with the preparation of the consolidated and legal entities' financial statements. SGL SE prepares its financial statements under French GAAP.

The preparation of the EBS requires management to make certain judgments, assumptions and estimates. These affect the reported amounts of assets and liabilities and the additional disclosures. Management reviews these estimates and assumptions periodically, based on past experience and other factors. The actual outcome and results could differ substantially from estimates and assumptions made. The most material financial statement items for which SGL SE uses estimates and assumptions are technical provisions (best estimate liabilities and risk margin), insurance and reinsurance receivables/payables and deferred taxes.

## Capital management

As a wholly-owned subsidiary of SCOR Group, SGL SE's capital management governance and processes, and capital planning are the same as those of SCOR Group.

SGL SE considers all its basic own funds, identified in line with Solvency II rules and resulting from economic adjustments made to SGL SE's shareholders' equity under French GAAP, as available and eligible to cover the SCR.

SCOR applies the same internal model across the Group including SGL SE. Since January 1, 2016, the regulatory solvency position of SGL SE has been assessed using SCOR's internal model, which was approved in November 2015 by the relevant supervisory authorities.

SCOR's internal model is central to decision making and is widely used to support the Group's business initiatives and to provide input to management decisions.

# A

# BUSINESS AND PERFORMANCE

# A.1. BUSINESS

## A.1.1. OVERVIEW OF THE SCOR GROUP, SCOR SE, SGP&C SE AND SGL SE

### A.1.1.1. NAME AND LEGAL FORM OF SCOR GROUP, SCOR SE, SCOR GLOBAL P&C SE AND SCOR GLOBAL LIFE SE

SCOR SE is the parent company of SCOR Group. SCOR Global P&C SE and SCOR Global Life SE are fully owned by SCOR SE. SCOR SE, SCOR Global P&C SE and SCOR Global Life SE are European Companies (*Societas Europaea*).

#### Registered office of SCOR SE and contact information

SCOR SE
5, avenue Kléber
75116 PARIS
France
Tel.: +33 (0) 1 58 44 70 00
Fax: +33 (0) 1 58 44 85 00

www.scor.com
E-mail: scor@scor.com

### A.1.1.2. SUPERVISORY AUTHORITIES FOR THE SCOR GROUP AND ITS FRENCH ENTITIES

The Group's divisions' business activities of insurance, reinsurance and asset management are subject to comprehensive regulation and supervision in each of the various jurisdictions where the Group operates. Given that the Group is headquartered in Paris (France), this supervision is based, to a significant extent, on European Union directives and on the French regulatory system. The Group's principal regulators in France are the financial markets authority (Autorité des marchés financiers – AMF), and the French insurance supervisor (Autorité de Contrôle Prudentiel et de Résolution – ACPR).

Under Solvency II, supervisors from all Member States in which SCOR's subsidiaries are established are involved in the Group's supervision through the College of supervisors comprising: the ACPR, Central Bank of Ireland (CBI) and Prudential Regulation Authority (PRA).

| Name of the supervisory authority | Contact details | Entities in scope |
|---|---|---|
| Autorité de Contrôle Prudentiel et de Résolution (ACPR) | Autorité de Contrôle Prudentiel et de Résolution<br>61, rue Taitbout<br>75436 Paris Cedex 09 | SCOR SE<br>SCOR Global P&C SE<br>SCOR Global Life SE |

### A.1.1.3. STATUTORY AUDITORS

The principal auditors for SCOR Group, SCOR SE, SCOR Global P&C SE and SCOR Global Life SE are as follows:

| Name |
|---|
| MAZARS<br>Represented by Jean-Claude Pauly and Guillaume Wadoux<br>Tour Exaltis – 61, rue Henri Regnault<br>92075 Paris-La Défense cedex, France<br>CRCC of Versailles |
| ERNST & YOUNG Audit<br>Represented by Isabelle Santenac and Patrick Menard<br>Tour First – 1, Place des Saisons<br>92037 Paris-La Défense cedex, France<br>CRCC of Versailles |

The alternative auditors for SCOR Group, SCOR Global P&C SE and SCOR Global Life SE are as follows:

| Name |
|---|
| MAZARS<br>Lionel Gotlib<br>Tour Exaltis – 61, rue Henri Regnault<br>92075 La Défense Cedex, France<br>CRCC of Versailles |
| ERNST & YOUNG Audit<br>Pierre Planchon (until April 28, 2017)<br>Tour First – 1, Place des Saisons<br>92037 Paris-La Défense cedex, France<br>CRCC of Versailles |

### A.1.1.4. SIGNIFICANT SHAREHOLDERS KNOWN TO SCOR

Every quarter, SCOR conducts "TPI" ("Titres aux Porteurs Identifiables") searches to find out the number and identity of its bearer shareholders.

As of December 31, 2017, SCOR's shareholders are mainly institutional as they represent 81% of SCOR's share capital. Institutional shareholders come mainly from Europe (67%), the United States (27%) and Asia (4%). The rest of the share capital is split between treasury shares (3%), employees (4%), retail (2%), brokerage (2%) and others (8%).

Distribution of capital (number of shares, % of capital and voting rights) – (i) shareholders with more than 2.5% of the registered capital and/or voting rights and (ii) shareholders who are members of the Board of Directors (on the basis of a study of identifiable share bearers (TPI) conducted by the Company as at December 31, 2017):

**SCOR Group**

| As at December 31, 2017 | Number of shares | % of capital | % voting rights[1] |
|---|---|---|---|
| Groupe Covea (France) | 15,767,803 | 8.15% | 8.40% |
| Allianz Global Investors GmbH (Germany) | 8,582,641 | 4.44% | 4.57% |
| Tweedy, Browne Company LLC (United States) | 8,238,348 | 4.26% | 4.39% |
| Alecta Kapitalförvaltning AB (Sweden) | 8,000,000 | 4.13% | 4.26% |
| BlackRock Fund Advisors (United States)[2] | 6,316,715 | 3.26% | 3.37% |
| Malakoff Médéric (France)[3] | 5,875,506 | 3.04% | 3.13% |
| Treasury Shares | 5,866,249 | 3.03% | 0.00% |
| Employees[4][5] | 6,934,545 | 3.58% | 3.70% |
| Others | 127,918,510 | 66.11% | 68.17% |
| **TOTAL** | **193,500,317** | **100.00%** | **100.00%** |

*(1) The percentage of voting rights is determined on the basis of the number of shares at year-end, excluding the Company's own treasury shares.*
*(2) BlackRock Inc's aggregated number of shares, including BlackRock Fund Advisors, amounted to 11,355,866 representing 5.87% of the capital and 6.05% of the voting rights.*
*(3) Member of the Board of Directors.*
*(4) Employee shares carrying voting rights, excluding sold or transferred employee shares.*
*(5) This shareholding notably includes performance shares granted in accordance with the authorizations of the SCOR SE Shareholders' Meeting, prior to the publication of Law No. 2015-990 of August 6, 2015 and held as registered shares by employees as at December 31, 2017. Employee shareholdings, as defined in Article L. 225-102 of the French Commercial Code, amount to 0.36% of the capital and 0.37% of voting rights.*
*Source: TPI and CMi2i.*

SCOR SE wholly owns its operating subsidiaries SCOR Global P&C SE and SCOR Global Life SE (excluding the shares held by directors).

### A.1.1.5. GOVERNANCE, ORGANIZATIONAL AND LEGAL STRUCTURE OF THE GROUP

#### Organizational structure of the Group and description of Group operating companies

The Group parent company whose stock is listed on the Euronext Paris regulated market is SCOR SE.

The Group is a three-engine group driven by SCOR Global Life, SCOR Global P&C and SCOR Global Investments. The Group's organizational choices were guided by the principles of mobilization of skills and expertise, operating efficiency, structural simplicity, clear reporting lines and balance between teams from the Group's different entities.

SCOR Global P&C, the Group's Non-Life division, operates worldwide through two main global reinsurance companies (SCOR Global P&C SE and SCOR SE) as well as insurance and reinsurance subsidiaries and branches in the EMEA region, including Spain, Italy, Switzerland, the UK, Germany, South Africa, Russia, in the Americas region and in the Asia-Pacific region, including Australia, China, India, South Korea, Hong Kong and Singapore.

SCOR Global Life, the Group's Life division, operates worldwide through two main global reinsurance companies (SCOR Global Life SE and SCOR SE) as well as insurance and reinsurance subsidiaries and branches in the EMEA region, including Germany, the UK, Ireland, Italy, Spain, Switzerland, the Netherlands, Sweden, Belgium, Russia, South Africa, in the Americas region, including Canada, the US, Latin America and in the Asia-Pacific region, including Australia, New Zealand, China, Hong Kong, Japan, Singapore, Malaysia, South Korea and India. It operates its reinsurance distribution solutions activities through a specialized subsidiary of SCOR Global Life SE.

SCOR Global Investments, the third division of the Group, manages the investment portfolio of the Group's legal entities. It is composed of the Group Investment Office and SCOR Investment Partners SE, a portfolio management company, approved by the AMF. The Group Investment Office manages the interaction between the SCOR Group and SCOR Investment Partners in managing the risk appetite, monitoring investment risks and setting investment guidelines. SCOR Investment Partners manages directly the assets of many SCOR Group subsidiaries and also manages the funds on behalf of the Group and third party clients.

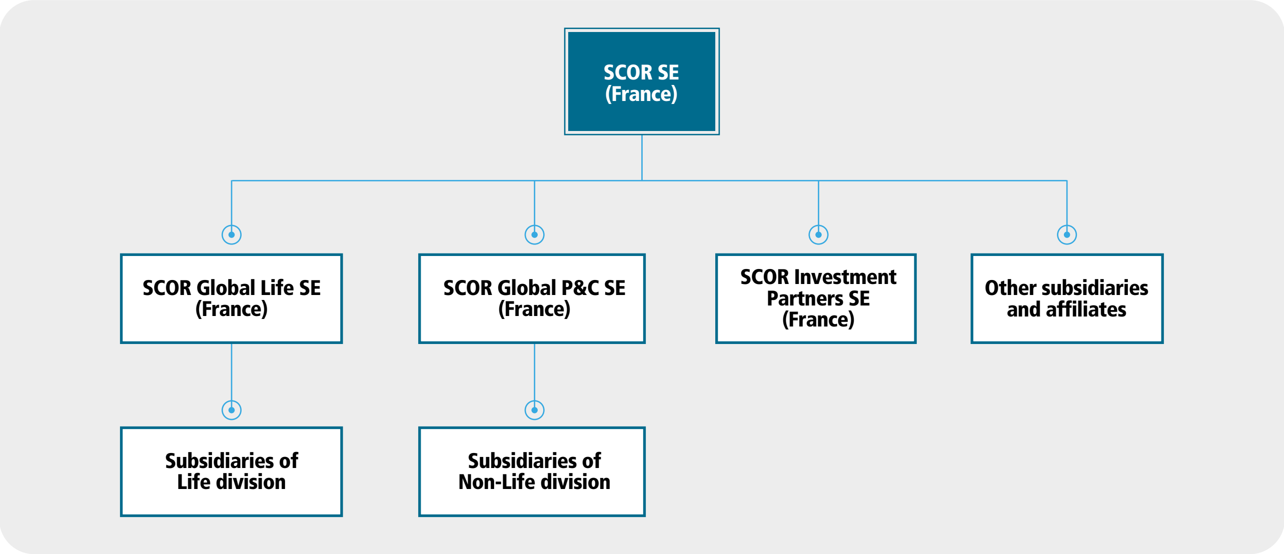
The Group's subsidiaries, branches and offices are connected through a central network of applications and data exchange platforms, which allow local access to centralized risk analysis, underwriting or pricing databases and also gives access to information on local market conditions, to be shared among the Group's subsidiaries, branches and offices. In addition, by regularly rotating personnel between the Group's head offices in Paris and its non-French subsidiaries and branch offices, the Group encourages its underwriters, actuaries, modelers, claims experts and risk controllers to share and exchange experience across its various geographic markets and business lines.

SCOR SE wholly owns its operating subsidiaries.

SCOR SE also makes loans to its subsidiaries and issues them guarantees so that they can underwrite under favorable conditions, enabling them to benefit from its credit ratings. SCOR SE provides actuarial, accounting, legal, administrative, systems, internal audit, investment, and human resources support to Group subsidiaries. Finally, SCOR SE acts, as needed, as retrocessionaire for its two operational subsidiaries through proportional treaties which are renewed annually and form the basis for internal control within the Group through the annual allocation of capital to the operating subsidiaries based on the profitability expected from their underwriting activity.

## Legal and organizational structure of SCOR

The main operational entities of the two Group's divisions are presented in the chart below[1].




For more information on the legal and governance structure, see Section B.1.2.1 – Legal structure of the Group and Section B.1.3.1 – Governance of the Group.

(1) The full organizational chart is available on SCOR's website (www.scor.com).

### Significant subsidiaries, investments in associates and joint ventures

| | Country | 2017 Percentage | | 2016 Percentage | | Consolidation method |
|---|---|---|---|---|---|---|
| | | Control | Interest | Control | Interest | |
| **SCOR SE and its subsidiaries** | | | | | | |
| SCOR SE | France | Parent | Parent | Parent | Parent | Parent |
| General Security Indemnity Company of Arizona | US | 100 | 100 | 100 | 100 | Full |
| General Security National Insurance Company | US | 100 | 100 | 100 | 100 | Full |
| SCOR Africa Ltd. | South Africa | 100 | 100 | 100 | 100 | Full |
| SCOR Investment Partners SE | France | 100 | 100 | 100 | 100 | Full |
| SCOR Services Asia-Pacific Pte Ltd | Singapore | 100 | 100 | 100 | 100 | Full |
| SCOR Brazil Reasseguros SA | Brazil | 100 | 100 | 100 | 100 | Full |
| SCOR Perestrakhovaniye | Russia | 100 | 100 | 100 | 100 | Full |
| SCOR Reinsurance Company | US | 100 | 100 | 100 | 100 | Full |
| SCOR U.S. Corporation | US | 100 | 100 | 100 | 100 | Full |
| SCOR Brazil Participações SA | Brazil | 100 | 100 | 100 | 100 | Full |
| **SCOR Global LIFE SE and its subsidiaries** | | | | | | |
| SCOR Global Life SE | France | 100 | 100 | 100 | 100 | Full |
| Revios Canada Holding Corp. Ltd. | Canada | 100 | 100 | 100 | 100 | Full |
| Revios Canada Ltd. | Canada | 100 | 100 | 100 | 100 | Full |
| SCOR Global Life Australia Pty Ltd | Australia | 100 | 100 | 100 | 100 | Full |
| SCOR Global Life USA Holdings Inc. | US | 100 | 100 | 100 | 100 | Full |
| SCOR Global Life Americas Holding Inc. (Delaware) | US | 100 | 100 | 100 | 100 | Full |
| SCOR Global Life Reinsurance International (Barbados) Ltd. | Barbados | 100 | 100 | 100 | 100 | Full |
| SCOR Global Life Reinsurance Ireland dac | Ireland | 100 | 100 | 100 | 100 | Full |
| SCOR Global Life USA Reinsurance Company | US | 100 | 100 | 100 | 100 | Full |
| SCOR Global Life Reinsurance Company of Delaware | US | 100 | 100 | 100 | 100 | Full |
| SCOR Life Assurance Company (SLAC) | US | 100 | 100 | 100 | 100 | Full |
| SCOR Life Reassurance Company (SLRC) | US | 100 | 100 | 100 | 100 | Full |
| Quantitative Data Solutions | US | 100 | 100 | 100 | 100 | Full |

| | Country | 2017 Percentage | | 2016 Percentage | | Consolidation method |
|---|---|---|---|---|---|---|
| | | Control | Interest | Control | Interest | |
| **SCOR Global P&C SE and its subsidiaries** | | | | | | |
| SCOR Global P&C SE | France | 100 | 100 | 100 | 100 | Full |
| SCOR Canada Reinsurance Company | Canada | 100 | 100 | 100 | 100 | Full |
| SCOR Reinsurance Asia Pacific Pte Ltd. | Singapore | 100 | 100 | 100 | 100 | Full |
| SCOR Reinsurance Company (Asia) Ltd. | Hong Kong | 100 | 100 | 100 | 100 | Full |
| SCOR Underwriting Ltd. | UK | 100 | 100 | 100 | 100 | Full |
| SCOR UK Company Ltd. | UK | 100 | 100 | 100 | 100 | Full |
| **SCOR Holding (Switzerland) AG and its subsidiaries** | | | | | | |
| SCOR Holding (Switzerland) AG | Switzerland | 100 | 100 | 100 | 100 | Full |
| SCOR Holding (UK) Ltd. | UK | 100 | 100 | 100 | 100 | Full |
| SCOR Services Switzerland AG | Switzerland | 100 | 100 | 100 | 100 | Full |
| SCOR Switzerland AG | Switzerland | 100 | 100 | 100 | 100 | Full |
| SCOR Asia House Limited Partnership | UK | 100 | 100 | 100 | 100 | Full |
| **Non insurance entities** | | | | | | |
| MRM | France | 47.95 | 59.90 | 47.31 | 59.90 | Full |
| SCOR Auber | France | 100 | 100 | 100 | 100 | Full |
| Château Mondot | France | 100 | 100 | 20 | 20 | Full |

There are no material differences between the scope of the Group in the consolidated financial statements and the scope of consolidated data determined for Solvency II purposes.

## Branches of subsidiaries

- SCOR SE has branches in Cologne, London, Zurich, Beijing, and India.
- SCOR Global Life SE has branches in Sweden, Madrid, Milan, London, Zurich, Labuan, Cologne, Amstelveen, Montreal, Japan, Singapore and New Zealand.
- SCOR Global P&C SE has branches in London, Madrid, Cologne, Zurich, Milan, and Buenos Aires.

## Significant intragroup transactions

The main transactions within the Group involve the following:

- equities;
- derivatives;
- internal reinsurance;
- cost sharing, contingent liabilities and off-balance sheet items.

## A.1.2. BUSINESS DESCRIPTION

### A.1.2.1. LINES OF BUSINESS AND GEOGRAPHICAL AREAS

SCOR SE and its consolidated subsidiaries ("SCOR" or the "Group"), form the world's fourth largest reinsurer[1] serving more than 4,000 clients from its three organizational Hubs located in Paris/London/Zurich/Cologne for Europe, Singapore for Asia and New York/Charlotte/Kansas City for the Americas.

Although 2017 has been marked by an exceptional series of large natural catastrophes which occurred during the second half of the year, SCOR's strong underlying results demonstrate the effectiveness of SCOR's strategy, based on extensive business and geographical diversification, while focusing on traditional reinsurance activities.

#### Breakdown of the Group's business

The Group is organized into three divisions, of which two are operating segments, and one corporate cost center referred to as "Group Functions". The operating segments are: the SCOR Global P&C business, with responsibility for property and casualty insurance and reinsurance (also referred to as "Non-Life"); and the SCOR Global Life business, with responsibility for life reinsurance (also referred to as "Life"). Each operating segment underwrites several types of risks and offers various products and services, which are marketed via separate channels; responsibilities and reporting within the Group are established on the basis of this structure. SCOR Global Investments is the asset management division of the Group. Its role is complementary to the two operating segments as it manages SCOR Global P&C's and SCOR Global Life's investment assets associated with the contract liabilities. SCOR Global Investments also manages third party assets; however, these activities are not currently considered material.

The SCOR Global P&C segment operates in four business areas: Property and Casualty Treaties; Specialty Treaties (including Credit and Surety, Decennial Insurance, Aviation, Space, Marine, Engineering, Agriculture risks and Alternative Solutions); Business Solutions (large corporate accounts underwritten through facultative insurance and reinsurance contracts and occasionally as direct insurance); and Business Ventures and Partnerships. In addition, SCOR Global P&C writes direct insurance, primarily on a business-to-business basis to cover certain large industrial P&C risks through the Business Solutions area of SCOR Global P&C and through the participation in Lloyd's syndicates among which Channel 2015 for which SCOR is the sole capital provider.

The SCOR Global Life segment underwrites Life reinsurance in the following product lines: Protection (which provides protection for Mortality, Disability, Long-Term Care, Critical Illness, Medical and Personal Accident), Financial Solutions (which enables cedents to fund growth, stabilize earnings and optimize solvency) and Longevity (which alleviates the risk of insured clients living longer).

#### Global operations

The Group organizes its operations around three regional management platforms, or Hubs named EMEA Hub, Asia-Pacific Hub and Americas Hub. Each of the Hubs has local, regional and Group responsibilities, with the heads of each Hub reporting to the Group Chief Operating Officer. Each Hub includes the following functions: Legal and Compliance, Human Resources, Information Technology, Support, General Services and Finance. Hub shared service costs are allocated to the segments based on allocation keys.

The SCOR Global P&C segment carries out its global operations through the subsidiaries and branches of its two main global reinsurance entities (SCOR Global P&C SE and SCOR SE) and through an operating insurance entity (SCOR UK Limited). Through those entities, their subsidiaries and branches, SCOR Global P&C is represented in three business regions EMEA, the Americas and Asia-Pacific.

The SCOR Global Life segment operates worldwide through the subsidiaries and branches of the global reinsurance companies SCOR Global Life SE and SCOR SE. Via this network SCOR Global Life is represented in its three business regions Americas, EMEA and Asia-Pacific reinsuring Life and Health insurance risks along the three product lines Protection, Longevity and Financial Solutions with a strong focus on biometric risks.

SCOR Global P&C and SCOR Global Life, through their respective legal entities, are leading global reinsurers, executing an underwriting policy focused on profitability, developing value-added services and adhering to a cautious financial policy. As at December 31, 2017, the Group served more than 4,000 clients throughout the world. SCOR's strategy of offering both P&C and Life products provides it with the benefits of balanced diversification (in terms of risks, geography and markets), which is a cornerstone of its strategy.

#### Non-Life Reinsurance

SCOR's Non-Life segment is divided into four business areas:

- Property and Casualty Treaties;
- Specialty Treaties;
- Business Solutions (underwriting of large corporate accounts); and
- Business Ventures and Partnerships.

#### Property and Casualty Treaties

SCOR's Property and Casualty Treaties business area underwrites proportional and non-proportional reinsurance treaties.

(1) By net reinsurance premiums written, source: "AM Best Special Report Global Reinsurance 2017".

#### *Property*

SCOR's property treaties typically cover damage to the underlying assets (automobiles, commercial premises or industrial sites) and direct or contingent business interruption losses caused by fire or other perils, including natural catastrophes.

#### *Casualty*

SCOR's casualty treaties typically cover original risks of general liability, product liability or professional indemnity. Accordingly, they include treaties covering motor liability and general third-party liability. Motor liability reinsurance covers property damage, bodily injuries and other risks arising from the coverage of both drivers and passengers in private vehicles and commercial fleets.

### Specialty Treaties

The Group's main Specialty reinsurance activities include Credit and Surety, Decennial Insurance, Aviation, Space, Marine, Engineering, Agricultural Risks and Alternative Solutions. SCOR underwrites these risks through proportional and non-proportional treaties as well as facultative reinsurance.

#### *Credit and Surety*

Under credit insurance, the insurer covers the risk of losses from the non-payment of commercial debts. Surety insurance is a contract under which a guarantor makes a commitment to a beneficiary to perform or pay the obligation of the secured debtor. Political risk insurance covers the risk of losses due to measures taken by a government or similar entity which endangers the existence of a sales contract or commitment made by a public or private company of the country in which the covered operations are performed.

#### *Decennial Insurance*

According to laws in France, Italy and Spain, as well as in other jurisdictions, or by contractual obligation, decennial insurance must be purchased to cover major structural defects and collapse for a certain period, typically ten years after completion of construction.

#### *Aviation*

Aviation insurance covers damage caused to aircraft, injuries to persons transported and damage to third parties caused by aircraft or air navigation, as well as losses resulting from products manufactured by companies in the aerospace sector.

#### *Space*

Insurance for the space sector covers the launch preparation, launch, and the in-orbit operation of satellites, primarily commercial telecommunication and earth observation satellites.

#### *Marine*

Marine Insurance includes insurance for hull and cargo as well as shipbuilding insurance. It also includes insurance for fixed and mobile offshore oil and gas units in construction and in operation.

#### *Engineering*

Engineering insurance, which is divided into Construction All Risks and Erection All Risks insurance, includes basic Property and Casualty coverage and may be extended to the financial consequences of a delay in start-up (advanced loss of profits) caused by losses indemnifiable under Property and Casualty coverage.

#### *Agricultural Risks*

SCOR Global P&C provides insurance/reinsurance solutions in the field of multiple peril crop, aquaculture, forestry and livestock insurance.

#### *Alternative Solutions*

To cope with the broader needs of reinsurance buyers in transferring risk, and to benefit from these changes by broadening its services to clients, the Group has developed within the SCOR Global P&C division a dedicated center of expertise that provides insurance and corporate clients with a wider range of hybrid reinsurance solutions for the transformation, financing or transfer of risks. Consequently, the Group is able to assist clients in their active and effective capital management. This business unit combines the division's expertise in terms of Structured Risk Transfer (SRT), Alternative Risk Financing (ARF) and Insurance Linked Securities (ILS).

### Business Solutions

The Group's activity in the Business Solutions area covers all insurable risks of industrial groups and services companies (large corporate accounts). These risks are underwritten through facultative insurance and reinsurance contracts, and occasionally as direct insurance, in an international network around two main business departments: "Natural Resources" and "Industrial & Commercial Risks".

#### *Natural Resources*

Natural Resources insurance covers midstream and downstream business (mainly the oil and gas, refining, petrochemicals, liquefaction, gasification, power generation and distribution, new energy sources and mining sectors), and upstream business (oil and gas exploration and production, offshore construction), shipbuilding groups and oil services companies.

#### *Industrial & Commercial Risks*

Industrial & Commercial Risks insurance covers manufacturing and heavy industries (automotive, pulp and paper, aeronautics/defense, high tech) and finance and services (infrastructures, intellectual services, general contractors, distribution and trading).

Business Solutions is aimed at risk managed enterprises and professional buyers seeking global risk financing solutions. The risks shared with the ceding and/or captive insurance companies are high-value industrial or technically complex risks. In property and casualty lines, such as Property Damage & Business Interruption, Construction All Risks, Erection All Risks, Comprehensive General Liability, Product Liability or Professional Indemnity, the risks involve insured amounts which typically are beyond the ceding companies' own means.

### Business Ventures and Partnerships

SCOR's Business Ventures and Partnerships business area historically included the provision of capital to third-party businesses, including Lloyd's syndicates. SCOR contributes to several Lloyd's syndicate, including Channel 2015, for which SCOR is the sole capital provider.

SCOR has an ongoing partnership agreement with GAUM (Global Aerospace Underwriting Managers).

The Group also participates in insurance and reinsurance pools, mainly Assuratome and Assurpol.

## Life Reinsurance

SCOR's Global Life segment underwrites Life reinsurance business in the following product lines:

- Protection;
- Financial Solutions;
- Longevity.

### Protection

Protection encompasses traditional Life reinsurance business on living and death benefits. The main risks undertaken are mortality, morbidity and behavioral risks for individuals and groups of individuals. Protection is predominantly underwritten in the form of proportional treaties (quota share, surplus basis or a combination of both). Quota share treaties include structures whereby SCOR Global Life's exposure is identical to those of its clients, and risk-based premium structures whereby treaty conditions differ from those of the underlying policies. A minority of the portfolio is underwritten in the form of non-proportional contracts: excess of loss per person, catastrophe excess of loss or stop loss.

The Protection reinsurance market, as well as SCOR Global Life's Protection portfolio, is characterized by the dominance of long-term contractual relationships. SCOR Global Life also writes short-term Protection business in markets and product lines in which this is common practice.

Protection covers the following products and risks in reinsurance arrangements:

#### *Mortality*

Mortality protection represents more than 60% of the SCOR Global Life portfolio based on gross written premiums for the year ended December 31, 2017. SCOR Global Life actively underwrites mortality risk in all the geographical markets in which it operates.

#### *Disability*

Disability insurance mitigates the loss of income when the insured is totally or partially unable to continue his or her professional occupation or any occupation for which he or she is suited due to sickness or accident.

#### *Long-Term Care*

Long-Term Care (LTC) insurance covers the inability of the insured to perform predefined activities of daily living, resulting in the insured needing constant assistance from another person.

#### *Critical Illness*

Critical Illness (CI) insurance typically pays a lump sum benefit, to be used at the policyholder's discretion, if the insured suffers from a serious condition and survives a defined period.

#### *Medical*

Medical insurance covers medical and surgical expenses incurred by the insured person.

#### *Personal Accident*

Personal Accident insurance pays a lump sum benefit if the insured person dies or is seriously injured as a result of an accident.

### Financial Solutions

Financial Solutions combines traditional Life reinsurance with financial components providing liquidity, balance sheet, solvency and/or income improvements to the client. This type of reinsurance treaty is typically used by cedents to fund growth, stabilize earnings or optimize their solvency position (capital relief).

### Longevity

Longevity products cover the risk of negative deviation from expected results due to the insured or annuitant living longer than assumed in the pricing of the cover provided by insurers or pension funds.In order to reconcile with the Solvency II lines of business (Life and Health), Longevity is purely Life Reinsurance, while the Financial Solutions and Protection businesses include both Life and Health Reinsurance business, depending on the underlying insurance contract and the nature of the insurance risk covered. The figures are reconciled based on totals.

## Solvency II lines of business

Under Solvency II, insurance and reinsurance obligations are analyzed by defined lines of business.

The material lines of SCOR's Non-Life business are as follows:

- Motor vehicle liability insurance;
- Marine, aviation and transport insurance;
- Fire and other damage to property insurance;
- General liability insurance;
- Credit and suretyship insurance;
- Non-proportional casualty reinsurance;
- Non-proportional property reinsurance.

The material lines of SCOR's Life business are as follows:

- Health reinsurance;
- Life reinsurance.

For further information on SCOR's underwriting and performance by Solvency II line of business, see Section A.2 – Underwriting performance.

### A.1.2.2. SCOR SE – ADDITIONAL INFORMATION ON BUSINESS

The reinsurance activity of SCOR SE comprises four internal quota share retrocession treaties, one with SCOR Global P&C SE, another with SCOR Global Life SE, a third with SCOR South Africa and a fourth with SCOR Perestrakhovaniye, non-proportional retrocession from the Argentinian branch of SCOR Global P&C SE, from SCOR Switzerland AG, and from SCOR Global Life Reinsurance Ireland and the business underwritten by the Beijing and Indian branches.

### A.1.2.3. SGP&C SE – ADDITIONAL INFORMATION ON BUSINESS

SGP&C SE plays a key role in the P&C division in respect of external retrocession as the entity centralizes purchases of external retrocession and then redistributes the protection to the other P&C entities through internal retrocession.

### A.1.2.4. SGL SE – ADDITIONAL INFORMATION ON BUSINESS

SGL SE carries out its operations directly and through its network of branches. SGL SE also accepts business underwritten by subsidiaries through internal retrocession agreements. Furthermore, SGL SE holds the majority of the Life participations, namely SGLRI and SCOR Global Life Americas Holding.

SGL SE cedes 50% of the business assumed in the French head office and its branches in Italy and Spain to SCOR SE through a quota share agreement.

On a gross look-through basis, before the 50% quota share is ceded between SGL SE and SCOR SE, SGL SE encompasses the majority of the Group's Life business.

### A.1.2.5. SIGNIFICANT BUSINESS AND OTHER EVENTS IN THE PERIOD

#### Natural catastrophes

The third and fourth quarters of 2017 were marked by an exceptional series of large natural catastrophes, with hurricanes Harvey, Irma and Maria, wildfires in California and earthquakes in Mexico. For more information on the impacts of natural catastrophes, see Section 1.3.5.2 – SCOR Global P&C of the SCOR 2017 DDR.

#### US Tax reform

On December 22, 2017, the Tax Cuts and Jobs Act (the "TCJA") was enacted, reducing the statutory rate of US federal corporate income tax to 21% effective January 1, 2018. This reduction resulted in a one-time non-cash loss for SCOR as its U.S. deferred taxes previously measured at 35% were remeasured at 21%. SCOR is currently reviewing the TCJA to assess its potential future implications, in particular with respect to certain complex provisions including the Base Erosion and Anti-Abuse Tax ("BEAT"). There is a high level of uncertainty surrounding the practical and technical applications of many of these provisions. The format, scope and timeframe in which future clarifications from the US Treasury may be obtained, such as on the application of BEAT to inward affiliate retrocession, on effectively connected income definition and application and on BEAT implications for modified coinsurance, are still unknown.

SCOR will monitor developments in the course of 2018. To adapt to the new environment, a target operational structure for business purposes that further addresses the U.S. tax reform is being implemented. No accounting charge stemming from the U.S. tax reform has been accounted during the first quarter of 2018. The total non-recurring tax expense for the target solution is expected to be in the lower half of the USD 0 - 350 million range that was communicated in SCOR's full-year 2017 results disclosures. It is anticipated that SCOR will be booking an accounting charge in the second quarter of 2018 and the new structure is expected to be substantially completed by the second half of 2018. The implementation process of the target structure is expected to have a limited impact on the solvency ratio of the Group.

#### Share buy-back program

On July 26, 2017, SCOR launched a share buy-back program commencing on July 27, 2017, for an amount of up to EUR 200 million, expiring mid-2019, subject to market conditions. For more information on the share buy-back program, see Section 4.6 – Notes to the consolidated financial statements, Note 12 – Information on share capital, capital management, regulatory framework and consolidated reserves.

#### Acquisition of Château Mondot S.A.S.

In April 2017, SCOR Auber, a fully-owned subsidiary of SCOR SE, exercised an option to acquire an 80% stake in Château Mondot S.A.S., a French company operating a vineyard located in the Bordelais region of France, Château Troplong Mondot (Premier Grand Cru Classé B of Saint Emilion), for a total consideration of EUR 178 million. The Group has held 20% of the company since 2014 (accounted for as an investment in associate in the Group consolidated IFRS financial statements).

The transaction was subject to the regulatory approval by the SAFER (a French agricultural authority). This approval was subject to a two-month review period, which ended on July 6, 2017. The transaction was financed by SCOR through the use of own funds without issuing any new debt or own shares.

The acquisition of control generated a gain on the previously held 20% equity interest.

Refer to Section 4, Note 3 – Acquisitions and disposals for additional details in the SCOR 2017 DDR.

#### Impact of change in Ogden rate

In 2017 the Group recorded a negative one-off impact of EUR 71 million pre-tax, partially offset by EUR 45 million of IBNR release. The impact was caused by the UK Ministry of Justice's decision to reduce the discount rate used to calculate lump sum awards in UK bodily injury cases (the Ogden Rate).

### A.1.2.6. SCOR SE – ADDITIONAL INFORMATION ON SIGNIFICANT EVENTS

In addition to the above mentioned significant events affecting SCOR Group, in 2017 SCOR SE carried out the following significant transactions:

#### Dividends received

During 2017, SCOR SE received EUR 81 million in dividends from its affiliates.

#### Dividend payment

On May 4, 2017, SCOR SE paid a EUR 308 million dividend to its shareholders.

#### Sale of 10% of ASEFA

On March 6, 2017, SCOR SE reduced its share in ASEFA from 19.97% to 9.97% exercising the option to sell the second portion of shares to the buyer.

#### Opening of a composite branch in India

In 2016, SCOR SE obtained R3 authorization from the Insurance Regulatory and Development Authority of India (IRDAI) allowing the Group to open a composite branch in India to conduct Life and P&C reinsurance business.

The branch has started underwriting business in 2017.

#### New solution of contingent capital

On December 14, 2016, SCOR SE launched a new 3-year contingent capital facility with BNP Paribas SA for EUR 300 million and issued 9,599,022 warrants in favor of BNP Paribas SA. This equity line facility has replaced, as of January 1, 2017, the previous contingent capital facility which came to an end on December 31, 2016.

Under the new arrangement, the protection would be triggered not only in case of natural catastrophes, like in previous facilities, but also in case of extreme life events.

#### Share buy-back program

On July 27, 2017, SCOR SE launched a share buy-back program with an amount up to EUR 200 million over the following 24 months, capped at 10% of the Group's share capital with an intention to cancel all repurchased shares.

#### Capital increase in SCOR Africa Ltd

During the financial year, SCOR SE proceeded with two capital increases in its subsidiary SCOR Africa Ltd.

#### Partial repayment of the treasury advance granted to SCOR Auber SAS

Following the sale of a Paris investment property owned by SCOR Auber SAS, SCOR SE received a EUR 325 million partial repayment of the treasury advance granted to SCOR Auber SAS. The outstanding balance of this treasury advance as of December 31, 2017 amounts to EUR 40 million.

#### HIMM Events

The second semester of 2017 was marked by an exceptional series of large natural catastrophes, with hurricanes Harvey, Irma and Maria, earthquakes in Mexico and fires in California. The in-force retrocession programs have responded as expected, with significant recoveries on proportional and non-proportional covers.

#### Tax changes

The year has been particularly eventful in modifications of the corporate tax rate.

For this year, two exceptional contributions raised the 2017 corporate tax rate to 44.43%. The impact of this raise stands at only EUR (0.3) million in view of the low taxable income.

The corporate tax rate will decrease gradually to settle at 25.83% in 2022.

The Conseil Constitutionnel (Constitutional Court) ruled that the Contribution on Distributed Incomes was unconstitutional. This contribution has been reimbursed to SCOR SE with interest for a total of EUR 42 million (included EUR 32.7 million on previous years).

### A.1.2.7. SGP&C SE – ADDITIONAL INFORMATION ON SIGNIFICANT EVENTS

In addition to the above-mentioned significant events affecting SCOR Group, SCOR Global P&C SE carried out the following operations:

#### Natural catastrophes

The second semester of 2017 was marked by an exceptional series of large natural catastrophes, with hurricanes Harvey, Irma and Maria, earthquake in Mexico and fires in California. The in-force retrocession programs have responded as expected, with significant recoveries on proportional and non-proportional covers.

### A.1.2.8. SGL SE – ADDITIONAL INFORMATION ON SIGNIFICANT EVENTS

In addition to the above-mentioned significant events affecting SCOR Group, in 2017 SGL SE carried out the following significant transactions:

#### Dividends received

- SGL SE received a USD 100 million (EUR 84 million) dividend from SCOR Global Life Ireland in 2017.

#### Movements in subordinated debts and other financial debts

- SGL SE partially redeemed the loan granted by SCOR Global P&C SE by EUR 31 million.
- SGL SE partially redeemed the treasury advance granted by SCOR SE by EUR 100 million.

#### Various operations

- The Financial Services Agency of Japan (FSA) has granted SCOR Global Life SE approval to open a branch office in Tokyo as of April 4, 2017. The new branch will allow SCOR to conduct Life and Health reinsurance business in Japan.
- On November 27, 2017 SCOR Global Life SE executed an early redemption option for the risk transfer contract with Atlas IX Capital Limited ("Atlas IX"). The termination of the contract with an effective date as of January 1, 2018 puts an end to the mirror agreement with SCOR Global Life Ireland, as well.
- At the end of 2017, SCOR Global Life SE terminated an assumed reinsurance treaty with SCOR Global Life Americas Reinsurance Co, in exchange of the payment of a ceding fee (also called "transfer price") of EUR 25 million net of retrocession to SCOR SE.

#### Acquisition of MutRé

As at December 31, 2017, SCOR Global Life SE held 33% of MutRé S.A. On January 3, 2018, SCOR Global Life SE completed the increase of its stake in MutRé S.A. to 100%. The acquisition of the shares from the other shareholders was carried out for a total purchase price of EUR 70 million, increasing the book value of its shareholding in MutRé S.A. to EUR 102 million (compared to EUR 32 million as at December 31, 2017).

Furthermore, SCOR Global Life SE has initiated a post-acquisition simplified merger project, the terms of which were approved on February 13, 2018 by the respective Boards of Directors of SCOR Global Life SE and MutRé S.A. The merger of MutRé S.A. into SCOR Global Life SE will have a retroactive effect as of January 1, 2018.

# A.2. UNDERWRITING PERFORMANCE

## A.2.1. SCOR GROUP

### A.2.1.1. OVERALL UNDERWRITING PERFORMANCE

SCOR Group operates in two segments: the SCOR Global P&C business, with responsibility for property and casualty insurance and reinsurance ("Non-Life"); and the SCOR Global Life business, with responsibility for life reinsurance ("Life"). Each operating segment underwrites several types of risks and offers various products and services, which are marketed via separate channels and the performance of which is managed on a different basis, in line with the nature of the business.

The definitions of underwriting performance differ between the Life and Non-Life segments. For this reason, underwriting performance is not presented at a Group consolidated level. To aid in understanding the figures and as a comparison with other reporting bases, the following table presents the figures used to calculate underwriting performance on an IFRS basis.

**SCOR Group**

| IFRS *In EUR thousands* | As at December 31, 2017 | | | | | | |
|---|---|---|---|---|---|---|---|
| | Net technical result[1] | Net interest on deposits | Sub-total | Internal management expenses[2] | Total | Net underwriting result | |
| | (A) | (B) | (A) + (B) | (C) | (A) + (B) + (C) | | |
| Total SCOR Global P&C | 193,238 | | 193,238 | (522,673) | (329,435) | (329,435) | (A) + (C) |
| Total SCOR Global Life | 406,304 | 161,927 | 568,231 | (413,697) | 154,534 | 568,231 | (A) + (B) |
| **TOTAL SCOR GROUP** | **599,542** | **161,927** | **761,469** | **(936,370)** | **(174,901)** | | |

*(1) SGP&C: net technical result includes claims expenses (unallocated loss adjustment expenses or "ULAE").*
*(2) SGP&C: includes all management expenses, 50% of corporate expenses, Lloyds expenses and Cat bond expenses.*
*SGL: includes all management expenses, 50% of corporate expenses.*

**SCOR Group**

| IFRS *In EUR thousands* | As at December 31, 2016 | | | | | | |
|---|---|---|---|---|---|---|---|
| | Net technical result[1] | Net interest on deposits | Sub-total | Internal management expenses[2] | Total | Net underwriting result | |
| | (A) | (B) | (A) + (B) | (C) | (A) + (B) + (C) | | |
| Total SCOR Global P&C | 708,993 | - | 708,993 | (508,232) | 200,761 | 200,761 | (A) + (C) |
| Total SCOR Global Life | 360,704 | 165,133 | 525,837 | (380,256) | 145,581 | 525,837 | (A) + (B) |
| **TOTAL SCOR GROUP** | **1,069,697** | **165,133** | **1,234,830** | **(888,488)** | **346,342** | | |

*(1) SGP&C: net technical result includes claims expenses (unallocated loss adjustment expenses or "ULAE").*
*(2) SGP&C: includes all management expenses, 50% of corporate expenses, Lloyds expenses and Cat bond expenses.*
*SGL: includes all management expenses, 50% of corporate expenses.*

### Premium written

Gross written premium for the Group has developed as follows:

**SCOR Group**

| By division *In EUR thousands* | 2017 | | 2016 | |
|---|---|---|---|---|
| SCOR Global P&C | 6,025,600 | 41% | 5,639,152 | 41% |
| SCOR Global Life | 8,763,787 | 59% | 8,187,085 | 59% |
| **TOTAL** | **14,789,387** | **100%** | **13,826,237** | **100%** |

Gross written premiums for the financial year ended December 31, 2017 amounted to EUR 14,789 million, an increase of 7.0% compared to EUR 13,826 million in 2016. At constant exchange rates the growth is 8.6%, with strong and well-balanced contribution from both divisions:

- SCOR Global P&C achieves strong growth (8.8% at constant exchange rates) benefitting in particular from continued development in the US;
- SCOR Global Life Gross written premiums increased by 8.5% with Continued expansion in Asia-Pacific and Financial Solutions.

## A.2.1.2. UNDERWRITING RESULTS BY LINE OF BUSINESS

### Non-Life business

SCOR's Non-Life segment is divided into four business areas:

- Property and Casualty Treaties;
- Specialty Treaties;
- Business Solutions (underwriting of large corporate accounts); and
- Business Ventures and Partnerships.

In 2017, gross written premiums increased by 6.9% compared to 2016 from EUR 5,639 million to EUR 6,025 million. At constant exchange rates the growth is 8.8% and is consistent with the trend indicated after January 2017 renewals, driven by Property and Casualties treaties.

The third and fourth quarters of 2017 were marked by an exceptional series of large natural catastrophes, with hurricanes Harvey, Irma and Maria, wildfires in California and earthquakes in Mexico. The cat ratio stands at 14.9% compared to 5.5% in 2016.

In 2017, SCOR Global P&C achieved a net combined ratio of 103.7% against 93.1% in 2016. The combined ratio reflects the severity of higher natural catastrophes that occurred compared to previous years. The combined ratio was also negatively impacted by the change in the Ogden discount rate.

### SCOR Group – Non-Life

| IFRS<br>*In EUR thousands* | As at December 31, 2017<br>Net technical result[1] | Internal management expenses[2] | Net underwriting result |
|---|---|---|---|
| Motor vehicle liability insurance | 8,066 | (15,647) | (7,581) |
| Marine, aviation and transport insurance | 30,481 | (28,866) | 1,615 |
| Fire and other damage to property insurance | (182,521) | (130,614) | (313,135) |
| General liability insurance | 38,449 | (37,566) | 883 |
| Credit and suretyship insurance | 2,225 | (17,925) | (15,700) |
| Non-proportional casualty reinsurance | 29,359 | (56,202) | (26,843) |
| Non-proportional property reinsurance | 190,017 | (148,599) | 41,418 |
| Other* | 77,162 | (87,254) | (10,092) |
| **TOTAL FOR SCOR GLOBAL P&C** | **193,238** | **(522,673)** | **(329,435)** |

** Of which EUR 64.3 million of non-allocated expenses reported as "Others".*
*(1) Net technical result includes claims expenses (ULAE).*
*(2) Internal management expenses include all management expenses, 50% of corporate expenses, Lloyds expenses and Cat bond expenses.*

### SCOR Group – Non-Life

| IFRS<br>*In EUR thousands* | As at December 31, 2016<br>Net technical result[1] | Internal management expenses[2] | Net underwriting result |
|---|---|---|---|
| Motor vehicle liability insurance | 3,926 | (13,329) | (9,403) |
| Marine, aviation and transport insurance | 31,181 | (35,586) | (4,405) |
| Fire and other damage to property insurance | 39,709 | (118,090) | (78,381) |
| General liability insurance | 66,330 | (44,889) | 21,441 |
| Credit and suretyship insurance | 3,272 | (11,225) | (7,953) |
| Non-proportional casualty reinsurance | 61,417 | (49,970) | 11,447 |
| Non-proportional property reinsurance | 447,819 | (138,391) | 309,428 |
| Other* | 55,339 | (96,752) | (41,413) |
| **TOTAL FOR SCOR GLOBAL P&C** | **708,993** | **(508,232)** | **200,761** |

** Of which EUR 74 million of non-allocated expenses reported as "Others".*
*(1) Net technical result includes claims expenses (ULAE).*
*(2) Internal management expenses include all management expenses, 50% of corporate expenses, Lloyds expenses and Cat bond expenses.*

## Life business

SCOR Global Life operates through its unified global organization with a specialized market approach in three regions: Americas, EMEA (Europe, Middle East and Africa) and Asia-Pacific. It underwrites Life reinsurance business in the following product lines:

- Protection;
- Financial Solutions;
- Longevity.

Protection encompasses the traditional Life reinsurance business for living and death benefits. The main risks undertaken are mortality, morbidity and behavioral risks for individuals and groups of individuals. Financial Solutions typically combine traditional Life reinsurance with financing components providing liquidity, balance sheet, solvency and/or income improvements to the client. Longevity products cover the risk of negative deviation from expected results due to the insured or annuitant living longer than assumed in the pricing of insurance cover provided by insurers or pension funds.

The following comments on underlying business development reflect the management view of the business (Protection, Financial Solution and Longevity) as aligned with other financial communications of the Group.

In order to reconcile with the Solvency II lines of business (Life and Health), Longevity is purely Life Reinsurance while the Financial Solutions and Protection businesses include both Life and Health Reinsurance business, depending on the underlying insurance contract and the nature of the insurance risk covered. The figures are reconciled based on totals.

In 2017, SCOR Global Life continued to grow profitably in a competitive Life reinsurance market. The solid operating profitability of SCOR Global Life was maintained thanks to a robust flow of new business and expansion of franchise in various key regions and product lines. Underlying US mortality claim experience has been higher than expected, but was offset by the benefits from active in-force management and the strong reserve position set up at the time of the Transamerica Re and Generali US acquisitions. Both claims expenses and in-force management actions may vary over time.

### Life gross written premiums by product line

SCOR Global Life ranks among the top four life reinsurers worldwide [1] and has grown by 7.0% in gross written premiums from EUR 8,187 million in 2016 to EUR 8,764 million in 2017 (a 8.5% increase at constant exchange rates[2]. SCOR Global Life has increased its new business premiums from new clients and with existing clients in all three regions and across all three product lines. Growth was recognized in the Protection product line in the Americas, in the Financial Solutions product line in Asia-Pacific and in the Longevity product line in Europe.

### Protection

The Protection business accounts for 77% of total gross written premiums in 2017 and remains the main driver for premium growth (4.6% growth in gross written premiums in 2017).

SCOR Global Life has maintained its leadership in the US life reinsurance market[3], the largest life reinsurance market in the world. SCOR Global Life entered in 2017 the large Health reinsurance market, with a platform in Minneapolis, and leveraging its strong expertise and position in the US individual Life reinsurance market.

In the EMEA region, SCOR Global Life reinforced its franchises in key European markets such as France, the UK, and Nordic countries. SCOR Global Life is also expanding into the large South African market.

Asia-Pacific remains a region with significant growth opportunities both in terms of premium and profitability. Premiums development in Asia-Pacific was driven by higher Protection business volumes in China, Australia, South Korea and Japan.

Within the Protection product line, mortality was the main risk underwritten and the main growth driver in 2017:

- Mortality: more than 60% of SCOR Global Life's portfolio is traditional mortality reinsurance business, based on 2017 gross written premiums. SCOR Global Life developed a strong position in Mortality in the US, as well as in the major European markets;
- Long-Term Care: SCOR Global Life has been pioneering LTC reinsurance solutions in the French market for twenty years and has acquired a sound practical experience in the underwriting and the management of LTC risks;
- Disability: SCOR Global Life has established strong market positions in disability in many continental Europe markets and Canada;
- Critical Illness: SCOR Global Life is a market leader in the UK. It also leverages its experience and expertise from the UK to expand into selected Asian markets and South Africa;
- Medical represents a small proportion of SCOR Global Life's portfolio. It is a major product line in the markets of the Middle East and is written selectively in Asia, Continental Europe and the Americas;
- Personal Accident also represents a small proportion of SCOR Global Life's portfolio. A main source of Personal Accident business for SCOR Global Life is obtained through its distribution services company, ReMark, which provides direct marketing of life insurance products to insurers, financial institutions and affinity partners.

Through its Global Distribution Solutions (GDS), SCOR Global Life has successfully deployed a number of innovative and tailored client services which aim to help insurers expand and develop their own client bases (ReMark, Velogica, SCOR Telemed and Rehalto). SCOR Global Life has leadership positions in many markets in the EMEA and Asia-Pacific regions.

(1) Based on 2017 gross written premiums.
(2) At December 31, 2017 exchange rates.
(3) Source: 2016 SOA/Munich Re survey of US life reinsurance, published in June 2016.

### Financial Solutions

In the Financial Solutions product line, accounting for 14% of 2017 gross written premiums, SCOR Global Life has built a recognized position in providing capital and solvency solutions. Since 2013 SCOR Global Life has signed landmark transactions in Southern Europe, the United States, Asia and Latin America. In 2017 SCOR Global Life expanded its footprint in the Asia-Pacific region.

### Longevity

SCOR Global Life has established itself as a recognized provider for longevity reinsurance, focusing on longevity risk transfer transactions for large in-payment pension portfolios, creating a new business pipeline with growth opportunities. The Longevity product line accounts for 9% of SCOR Global Life's gross written premiums in 2017 and is one of the main drivers of premium growth (11.1% increase in gross written premiums in 2017). The main active market to date for SCOR Global Life is the UK with a portfolio from recent years and new business signed in 2017.

### Life technical margin

Overall, the Life technical margin in 2017 was 7.1% compared to 7.0% in 2016, and is in line with Vision in Action assumptions.

**SCOR Group**

| IFRS<br>*In EUR thousands* | Net underwriting result[1]<br>2017 | <br>2016 |
|---|---|---|
| Health reinsurance | 73,698 | 83,458 |
| Life reinsurance | 494,533 | 442,379 |
| **TOTAL SCOR GLOBAL LIFE** | **568,231** | **525,837** |

*(1) Net underwriting result includes the net technical result and net interest on deposits.*

## A.2.1.3. UNDERWRITING RESULTS BY GEOGRAPHICAL AREA

In 2017, SCOR generated approximately 37% of its gross written premiums in Europe, the Middle East and Africa (EMEA) compared to 39% in 2016), with significant market positions in France, Germany, Spain and Italy, 46% of its gross written premiums in the Americas (2016: 46%) and 17% of its gross written premiums in Asia (2016: 15%).

### Non-Life business

### Non-life gross written premiums

Gross written premiums for the financial year ended December 31, 2017 increased by 6.9% compared to 2016 from EUR 5,639 million to EUR 6,025 million. At constant exchange rates the growth is 8.8% and is consistent with the trend indicated after January 2017 renewals, driven by Property and Casualties treaties.

In 2017, SCOR P&C generated approximately 46% of its gross written premiums in Europe, Middle East and Africa (EMEA), 36% of its gross written premiums in the Americas and 18% of its gross written premiums in Asia.

The following table shows the breakdown by gross volume of Non-Life premiums written and underwriting performance by geographic area based on market responsibility, considering the country in which the ceding company operates for treaty business and location of the insured for facultative business:

**SCOR Group – Non-Life**

| IFRS<br>*In EUR thousands* | As at December 31, 2017<br>EMEA | <br>Americas | <br>Asia-Pacific | <br>Total |
|---|---|---|---|---|
| Gross written premiums | 2,759,071 | 2,168,725 | 1,097,804 | 6,025,600 |
| **NET UNDERWRITING RESULT** | **135,711** | **(486,332)** | **21,186** | **(329,435)** |

**SCOR Group – Non-Life**

| IFRS<br>*In EUR thousands* | As at December 31, 2016<br>EMEA | <br>Americas | <br>Asia-Pacific | <br>Total |
|---|---|---|---|---|
| Gross written premiums | 2,677,752 | 1,889,273 | 1,072,127 | 5,639,152 |
| **NET UNDERWRITING RESULT** | **(76,851)** | **267,780** | **9,832** | **200,761** |

## Life business

### Life gross written premiums

Gross written premiums for the financial year ended December 31, 2017 have grown by 7.0% from EUR 8,187 million in 2016 to EUR 8,764 million in 2017.

In 2017, SCOR Global Life generated approximately 31% of its gross written premiums in Europe, Middle East and Africa (EMEA), 52% of its gross written premiums in the Americas and 17% of its gross written premiums in Asia.

The following table shows the breakdown by gross volume of Life premiums written and underwriting performance by geographic area based on market responsibility.

### SCOR Group – Life

| IFRS | As at December 31, 2017 | | | | |
|---|---|---|---|---|---|
| *In EUR thousands* | **EMEA** | **Americas** | **Asia-Pacific** | **Other[2]** | **Total SGL** |
| Gross written premiums | 2,732,568 | 4,567,149 | 1,464,070 | - | 8,763,787 |
| **NET UNDERWRITING RESULT[1]** | **216,451** | **313,707** | **72,712** | **(34,639)** | **568,231** |

*(1) Net underwriting result includes the net technical result and net interest on deposits.*
*(2) Other represents the sum of ULAE and Global Retro (divisional coverage). Business related retro coverage allocated to regions.*

### SCOR Group – Life

| IFRS | As at December 31, 2016 | | | | |
|---|---|---|---|---|---|
| *In EUR thousands* | **EMEA** | **Americas** | **Asia-Pacific** | **Other[2]** | **Total SGL** |
| Gross written premiums | 2,676,549 | 4,429,004 | 1,081,532 | - | 8,187,085 |
| **NET UNDERWRITING RESULT[1]** | **199,732** | **298,851** | **58,390** | **(31,136)** | **525,837** |

*(1) Net underwriting result includes the net technical result and net interest on deposits.*
*(2) Other represents the sum of ULAE and Global Retro (divisional coverage). Business related retro coverage allocated to regions.*

## A.2.2. SCOR SE

### A.2.2.1. OVERALL UNDERWRITING PERFORMANCE

The reinsurance activity of SCOR SE comprises four internal quota share retrocession treaties, one with SCOR Global P&C SE, another with SCOR Global Life SE, a third with SCOR South Africa and a fourth with SCOR Perestrakhovaniye, non-proportional retrocession from the Argentinian branch of SCOR Global P&C SE and from SCOR Switzerland AG, and the business underwritten by the Beijing branch.

#### SCOR SE

| French GAAP<br>*In EUR thousands* | As at December 31, 2017<br>Net technical result(1) | Net interest on deposits | Sub-total | Internal management expenses(2) | Total | Net underwriting result | |
|---|---|---|---|---|---|---|---|
| | (A) | (B) | (A) + (B) | (C) | (A) + (B) + (C) | | |
| Total SCOR SE Non-Life | 34,278 | | 34,278 | (84,057) | (49,779) | (49,779) | (A) + (C) |
| Total SCOR SE Life | (34,930) | 42,138 | 7,208 | | | 7,208 | (A) + (B) |
| **TOTAL** | **(652)** | **42,138** | **41,486** | **(84,057)** | **(49,779)** | | |

*(1) SCOR SE Non-Life: net technical result includes claims expenses (unallocated loss adjustment expenses or "ULAE").*
*(2) SCOR SE Non-Life: includes all management expenses, 50% of corporate expenses, Lloyds expenses and Cat bond expenses.*

#### SCOR SE

| French GAAP<br>*In EUR thousands* | As at December 31, 2016<br>Net technical result(1) | Net interest on deposits | Sub-total | Internal management expenses(2) | Total | Net underwriting result | |
|---|---|---|---|---|---|---|---|
| | (A) | (B) | (A) + (B) | (C) | (A) + (B) + (C) | | |
| Total SCOR SE Non-Life | 112,875 | | 112,875 | (57,734) | 55,141 | 55,141 | (A) + (C) |
| Total SCOR SE Life | (14,005) | 37,404 | 23,399 | | | 23,399 | (A) + (B) |
| **TOTAL** | **98,870** | **37,404** | **136,274** | **(57,734)** | **55,141** | | |

*(1) SCOR SE Non-Life: net technical result includes claims expenses (unallocated loss adjustment expenses or "ULAE").*
*(2) SCOR SE Non-Life: includes all management expenses, 50% of corporate expenses, Lloyds expenses and Cat bond expenses.*

## A.2.2.2. UNDERWRITING RESULT BY LINE OF BUSINESS

### Non-Life business

#### SCOR SE – Non-Life

| French GAAP<br>*In EUR thousands* | As at December 31, 2017<br>Net technical result[1] | Internal management expenses[2] | Net underwriting result |
|---|---|---|---|
| Motor vehicle liability insurance | 721 | (2,038) | (1,317) |
| Marine, aviation and transport insurance | 8,937 | (412) | 8,525 |
| Fire and other damage to property insurance | (46,976) | (9,434) | (56,410) |
| General liability insurance | 2,322 | (487) | 1,835 |
| Credit and suretyship insurance | (5,223) | (1,701) | (6,924) |
| Non-proportional casualty reinsurance | 26,349 | (192) | 26,157 |
| Non-proportional property reinsurance | 51,168 | (12,139) | 39,029 |
| Other | (3,020) | (57,654) | (60,674) |
| **TOTAL** | **34,278** | **(84,057)** | **(49,779)** |

*(1) Net technical result includes claim expenses (unallocated loss adjustment expenses or "ULAE").*
*(2) Includes all management expenses, 50% of corporate expenses, Lloyds expenses and Cat bond expenses.*

#### SCOR SE – Non-Life

| French GAAP<br>*In EUR thousands* | As at December 31, 2016<br>Net technical result[1] | Internal management expenses[2] | Net underwriting result |
|---|---|---|---|
| Motor vehicle liability insurance | (11,167) | (680) | (11,847) |
| Marine, aviation and transport insurance | (2,261) | (185) | (2,446) |
| Fire and other damage to property insurance | 27,407 | (7,043) | 20,364 |
| General liability insurance | 4,074 | (217) | 3,857 |
| Credit and suretyship insurance | (4,127) | (683) | (4,810) |
| Non-proportional casualty reinsurance | 10,458 | (69) | 10,389 |
| Non-proportional property reinsurance | 79,349 | (10,364) | 68,985 |
| Other | 9,142 | (38,493) | (29,351) |
| **TOTAL** | **112,875** | **(57,734)** | **55,141** |

*(1) Net technical result includes claim expenses (unallocated loss adjustment expenses or "ULAE").*
*(2) Includes all management expenses, 50% of corporate expenses, Lloyds expenses and Cat bond expenses.*

### Life business

#### SCOR SE – Life

| French GAAP<br>*In EUR thousands* | Net underwriting result[1]<br>2017 | 2016 |
|---|---|---|
| Health reinsurance | 7,205 | (6,271) |
| Life reinsurance | 3 | 29,670 |
| **TOTAL** | **7,208** | **23,399** |

*(1) Net underwriting result includes the net technical result and net interest on deposits.*

### A.2.2.3. UNDERWRITING RESULT BY GEOGRAPHICAL AREA

In 2017, SCOR SE generated approximately 35% of its gross written premiums in Europe (2016: 42%), with a significant market position in France, 46% of its gross written premiums in Asia (2016: 35%) and 19% of its gross written premiums in the Americas, Africa and the rest of the world (2016: 23%).

#### Non-Life business

**SCOR SE – Non-Life**

| French GAAP | As at December 31, 2017 | | | |
|---|---|---|---|---|
| *In EUR thousands* | **EMEA** | **Americas** | **Asia-Pacific** | **Total** |
| Gross written premiums | 463,800 | 259,276 | 616,212 | 1,339,288 |
| Net technical result[1] | 70,004 | (68,641) | 32,915 | 34,278 |
| Internal Management expenses[2] | (78,234) | (1,066) | (4,757) | (84,057) |
| **NET UNDERWRITING RESULT** | **(8,230)** | **(69,707)** | **28,158** | **(49,779)** |

*(1) Net technical result includes claim expenses (unallocated loss adjustment expenses or "ULAE").*
*(2) Includes all management expenses, 50% of corporate expenses, Lloyds expenses and Cat bond expenses.*

**SCOR SE – Non-Life**

| French GAAP | As at December 31, 2016 | | | |
|---|---|---|---|---|
| *In EUR thousands* | **EMEA** | **Americas** | **Asia-Pacific** | **Total** |
| Gross written premiums | 512,567 | 148,126 | 569,482 | 1,230,175 |
| Net technical result[1] | 30,947 | 51,138 | 30,790 | 112,875 |
| Internal Management expenses[2] | (55,299) | (346) | (2,089) | (57,734) |
| **NET UNDERWRITING RESULT** | **(24,352)** | **50,793** | **28,700** | **55,141** |

*(1) Net technical result includes claim expenses (unallocated loss adjustment expenses or "ULAE").*
*(2) Includes all management expenses, 50% of corporate expenses, Lloyds expenses and Cat bond expenses.*

#### Life business

**SCOR SE – Life**

| French GAAP | As at December 31, 2017 | | | |
|---|---|---|---|---|
| *In EUR thousands* | **EMEA** | **Americas** | **Asia-Pacific** | **Total** |
| Gross written premiums | 753,396 | - | 173,241 | 926,637 |
| **NET UNDERWRITING RESULT[1]** | **5,361** | **-** | **1,847** | **7,208** |

*(1) Net underwriting result includes the net technical result and net interest on deposits.*

**SCOR SE – Life**

| French GAAP | As at December 31, 2016 | | | |
|---|---|---|---|---|
| *In EUR thousands* | **EMEA** | **Americas** | **Asia-Pacific** | **Total** |
| Gross written premiums | 740,893 | - | 82,098 | 822,991 |
| **NET UNDERWRITING RESULT[1]** | **28,100** | **-** | **(4,701)** | **23,399** |

*(1) Net underwriting result includes the net technical result and net interest on deposits.*

## A.2.3. SGP&C SE

### A.2.3.1. UNDERWRITING RESULT BY LINE OF BUSINESS

**SGP&C SE**

| French GAAP<br>*In EUR thousands* | As at December 31, 2017<br>Net technical result[(1)] | <br>Internal management expenses[(2)] | <br>Net underwriting result |
|---|---|---|---|
| Motor vehicle liability insurance | (1,431) | (5,760) | (7,191) |
| Marine, aviation and transport insurance | 9,334 | (5,331) | 4,003 |
| Fire and other damage to property insurance | 6,347 | (29,209) | (22,862) |
| General liability insurance | 7,967 | (3,941) | 4,026 |
| Credit and suretyship insurance | 17,119 | (5,423) | 11,696 |
| Non-proportional casualty reinsurance | (24,066) | (24,856) | (48,922) |
| Non-proportional property reinsurance | 118,477 | (67,858) | 50,619 |
| Other* | 22,011 | (20,853) | 1,158 |
| **TOTAL FOR SCOR GLOBAL P&C** | **155,758** | **(163,231)** | **(7,473)** |

* *Of which EUR 9 million of non-allocated expenses reported as "Others".*
*(1) The net technical result includes claims expenses (ULAE) and excludes equalization reserve variation.*
*(2) Includes all management expenses and Cat bond expenses.*

Net technical result of SGP&C SE amounted to EUR 156 million as of December 31, 2017 (excluding equalization reserve).

**SGP&C SE**

| French GAAP<br>*In EUR thousands* | As at December 31, 2016<br>Net technical result[(1)] | <br>Internal management expenses[(2)] | <br>Net underwriting result |
|---|---|---|---|
| Motor vehicle liability insurance | (7,704) | (5,100) | (12,804) |
| Marine, aviation and transport insurance | 27,924 | (6,622) | 21,302 |
| Fire and other damage to property insurance | 39,251 | (30,388) | 8,863 |
| General liability insurance | 3,563 | (3,438) | 125 |
| Credit and suretyship insurance | 12,884 | (4,273) | 8,611 |
| Non-proportional casualty reinsurance | 15,161 | (25,459) | (10,298) |
| Non-proportional property reinsurance | 193,793 | (70,576) | 123,217 |
| Other* | 16,894 | (35,022) | (18,128) |
| **TOTAL FOR SCOR GLOBAL P&C** | **301,766** | **(180,878)** | **120,888** |

* *Of which EUR 25 million of non-allocated expenses reported as "Others".*
*(1) The net technical result includes claims expenses (ULAE) and equalization reserve variation.*
*(2) Includes all management expenses and Cat bond expenses.*

### A.2.3.2. UNDERWRITING RESULT BY GEOGRAPHICAL AREA

Gross written premiums for the financial year ended December 31, 2017 amounted to EUR 2,818 million.

In 2017, SGP&C SE generated 70% of its gross written premiums in Europe, the Middle East and Africa (EMEA), 24% of its gross written premiums in the Americas and 6% in Asia.

The following table shows the breakdown of underwriting performance by geographical area.

#### SGP&C SE

| French GAAP<br>*In EUR thousands* | As at December 31, 2017<br>EMEA | Americas | Asia-Pacific | Total |
|---|---|---|---|---|
| Gross written premiums | 1,958,579 | 683,152 | 176,288 | 2,818,019 |
| Net technical result[1] | 237,397 | (135,602) | 53,963 | 155,758 |
| Internal Management expenses[2] | (120,688) | (34,447) | (8,096) | (163,231) |
| **NET UNDERWRITING RESULT** | **116,709** | **(170,049)** | **45,867** | **(7,473)** |

*(1) The net technical result includes claims expenses (ULAE) and excludes equalization reserve variation.*
*(2) Includes all management expenses and Cat bond expenses.*

#### SGP&C SE

| French GAAP<br>*In EUR thousands* | As at December 31, 2016<br>EMEA | Americas | Asia-Pacific | Total |
|---|---|---|---|---|
| Gross written premiums | 2,036,519 | 545,591 | 153,086 | 2,735,196 |
| Net technical result[1] | 77,580 | 166,087 | 58,099 | 301,766 |
| Internal Management expenses[2] | (139,743) | (31,779) | (9,356) | (180,878) |
| **NET UNDERWRITING RESULT** | **(62,163)** | **134,308** | **48,743** | **120,888** |

*(1) The net technical result includes claims expenses (ULAE) and equalization reserve variation.*
*(2) Includes all management expenses and Cat bond expenses.*

## A.2.4. SGL SE

### A.2.4.1. UNDERWRITING RESULT BY LINE OF BUSINESS

#### SGL SE

| French GAAP<br>*In EUR thousands* | Net underwriting result[1]<br>2017 | 2016 |
|---|---|---|
| Health reinsurance | 73,150 | 50,856 |
| Life reinsurance | 100,593 | 117,787 |
| **TOTAL** | **173,743** | **168,643** |

*(1) Net underwriting result includes the net technical results and interest on deposits.*

The following comments on underlying business development reflect the management view of the business (Protection, Financial Solution and Longevity) as aligned with other financial communications of the Group.

In order to reconcile with the Solvency II lines of business (Life and Health), Longevity is purely Life Reinsurance whilst the Financial Solutions and Protection businesses include both Life and Health Reinsurance business, depending on the underlying insurance contract and the nature of the insurance risk covered. The figures are reconciled based on totals.

In 2017, SGL SE continued to grow profitably in a competitive Life reinsurance market thanks to a robust flow of new business and expansion of franchise in various key regions and product lines.

Gross written premiums for the financial year ended December 31, 2017 amounted to EUR 3,903 million, an increase of 6% compared to EUR 3,668 million in 2016 (10% increase at constant exchange rates). Growth was recognized in the Protection product line in the Americas, in the Financial Solutions in Asia-Pacific and in the Longevity product line in Europe.

### Protection

The Protection business accounts for 63% of total gross written premiums in 2017 and contributed by 8% to the premium growth (33% contribution to growth at constant exchange rates).

The majority of the Protection business (55%) comes from the EMEA region, where SGL SE reinforced its franchises in key European markets such as France, the UK, and Nordic countries. Furthermore, in 2017, SGL SE maintained a strong position in the US life reinsurance market and reinforced its franchises in the Latin American market.

### Financial Solutions

In the Financial Solutions product line, accounting for 18% of 2017 gross written premiums, SGL SE has built a recognized position in providing capital and solvency solutions. In 2017, SGL SE expanded its footprint in the Asia-Pacific region (64% contribution with 55% increase in gross written premiums).

### Longevity

SGL SE has established itself as a recognized provider of longevity reinsurance, focusing on longevity risk transfer transactions for large in-payment pension portfolios, creating a new business pipeline with growth opportunities. The Longevity product line accounts for 19% of SGL SE's gross written premiums in 2017 and is one of the main drivers of premium growth (31% contribution to premium growth in 2017). The main active market to date for SGL SE is the UK with a portfolio underwritten in recent years and new business signed in 2017.

## A.2.4.2. UNDERWRITING RESULT BY GEOGRAPHICAL AREA

In 2017, SGL SE generated approximately 57% (compared to 71% in 2016) of its gross written premiums in Europe, the Middle East and Africa (EMEA), 23% of its gross written premiums in Asia (2016: 18%) and 20% of its gross written premiums in the Americas (2016:11%).

In 2017, SGL SE was confronted to a worsening underling US mortality claims experience that has been higher than expected.

The following table shows the breakdown by gross volume of premiums written and underwriting performance by geographic area based on market responsibility.

### SGL SE

| French GAAP | As at December 31, 2017 | | | |
|---|---|---|---|---|
| *In EUR thousands* | **EMEA** | **Americas** | **Asia-Pacific** | **Total** |
| Gross written premiums | 2,234,973 | 786,685 | 881,623 | 3,903,281 |
| **NET UNDERWRITING RESULT[(1)]** | **155,495** | **(34,316)** | **52,564** | **173,743** |

*(1) Net underwriting result includes the net technical results and interest on deposits.*

### SGL SE

| French GAAP | As at December 31, 2016 | | | |
|---|---|---|---|---|
| *In EUR thousands* | **EMEA** | **Americas** | **Asia-Pacific** | **Total** |
| Gross written premiums | 2,607,006 | 402,134 | 679,263 | 3,688,403 |
| **NET UNDERWRITING RESULT[(1)]** | **137,171** | **19,959** | **11,513** | **168,643** |

*(1) Net underwriting result includes the net technical results and interest on deposits.*

# A.3. INVESTMENT PERFORMANCE

## A.3.1. SCOR GROUP

### A.3.1.1. INVESTMENT INCOME AND EXPENSES

#### Investment income and expenses by asset class

**Investment income by nature**

**SCOR Group**

| IFRS<br>*In EUR thousands* | 2017 | 2016 |
|---|---|---|
| Investment revenues | 405,624 | 374,439 |
| Interest on deposits | 177,220 | 181,849 |
| Realized gains/losses on investments | 268,266 | 214,373 |
| Change in fair value of investments | 2,432 | 5,427 |
| Change in impairment and amortization | (28,728) | (30,914) |
| Foreign exchange gains/(losses) | (27,473) | 10,585 |
| **Investment income** | **797,341** | **755,759** |
| **Investment expenses** | **(68,963)** | **(61,701)** |
| **Change in unrealized gains/(losses) on available for sale investments (through equity)(1)** | **52,980** | **(28,946)** |

*(1) Excluding real estate and including URGL on the 3rd party insurance business investment.*

Total investment income net of management expenses stands at EUR 728 million as at December 31, 2017:

- investment income on invested assets at EUR 657 million (see table and comments below) and investment expenses at EUR (69) million;
- interest on deposits at EUR 177 million in 2017 with return on funds withheld at 2.3% in 2017 in line with prior year and plan. The split of interest on deposits is as follows:
  - interest income on funds withheld and contract deposits EUR 187 million (SGP&C EUR 15 million, SGL EUR 162 million),
  - interest expense on funds withheld and contract deposit EUR (10) million from SGL;
- the foreign exchange impact for the year is at EUR (27) million (loss). This is mainly the product of the adverse change in the USD/EUR exchange rate;
- the change in unrealized gains/losses on investment amounts to EUR 53 million and is recognized through equity. It relates to the asset revaluation reserves on bonds and equities classified as available for sale.

**Investment income on invested assets**

Compared to total investment income, as shown in the income statement, investment income on invested assets excludes interest on deposits and foreign exchange gains/losses and includes the cost of real estate debt.

***2017 was a year of broad cyclical recovery and strong equities markets***

The prolonged economic cycle in the United States and the improvement in the European situation have taken financial asset valuations to high levels. The positive dynamics of the economic environment have been significant, without triggering new inflationary pressure. The traditional relationship between unemployment and inflation, implied from the Philips curve, has become less relevant, at least on a short-term basis and at the local level, and deflationary pressures coming from the "new economy" have played a notable role, although they remain difficult to quantify. In this context, central banks have maintained a strong accommodative bias while initiating a progressive exit from "Quantitative Easing" policies.

The US Federal Reserve, on the back of a more advanced economic cycle, has been the first to tighten its monetary policy, its policy rate increasing from 0.75% to 1.5% over 2017. Nevertheless, this evolution has had virtually no impact on long-term interest rates, inflation remaining under control. Therefore, US 10-year government rates at the end of 2017 stand at 2.41%, almost stable compared to the beginning of the year, like the 10-year rates in the Eurozone (0.43%), in the United Kingdom (1.19%) and in Japan (0.05%). However, the divergence in terms of monetary policy between the US Federal Reserve and the European Central Bank now implies a differential in policy rates close to 2%. The higher yield of the US Dollar being perceived as transitory, the Euro has appreciated against the US currency by 14%, finishing the year at 1.20.

US equities have benefitted from supportive growth prospects and from a weaker US Dollar but also, through the Trump administration, from announced regulatory cuts and unprecedented tax packages. Over the year, the S&P 500 returns 21.8%, the Nasdaq 29.7% and the Dow Jones 28.1%. European equities also post solid performances, in spite of the Euro appreciation, with a total return of 12.5% for the French CAC 40 and the German DAX, and of 16.9% for the Italian MIB. The improved economic outlook was also beneficial to emerging countries, helped by general increase in commodity prices, in particular the price of oil, which closed the year at USD 60.

### Income and expenses

Net investment income for the year ended December 31, 2017 amounted to EUR 765 million, compared to EUR 670 million for the year ended December 31, 2016.

The return on invested assets in 2017 was 3.5% as compared to 2.9% in 2016. The evolution of investment income in 2017 is essentially driven by higher investment revenues and by the active portfolio management strategy implemented by SCOR Global Investments, which translated into substantial realized capital gains of EUR 273 million, mostly achieved on the real estate portfolio and to a lesser extent on fixed income and other investments portfolios.

### SCOR Group

| **IFRS** *In EUR thousands* | **2017** | **2016** |
|---|---|---|
| Investment revenues on invested assets[1] | 402,992 | 374,061 |
| Investment revenues on fixed income | 373,518 | 348,803 |
| Investment revenues on dividends | 23,700 | 24,447 |
| Investment revenues on real estate | 43,356 | 42,901 |
| Investment revenues on others | (37,582) | (42,090) |
| Realized gains/losses on invested assets[2] | 273,109 | 206,829 |
| Realized gains/losses on fixed income | 66,248 | 124,611 |
| Realized gains/losses on loans | 465 | - |
| Realized gains/losses on equities | - | 5,333 |
| Realized gains/losses on real estate | 192,242 | 57,763 |
| Realized gains/losses on other investments | 14,154 | 19,122 |
| Change in fair value of investments[2] [3] [4] | 10,877 | 5,406 |
| Change in impairment and amortization[5] | (26,226) | (30,915) |
| Change in impairment on fixed income | (84) | (1,701) |
| Change in impairment on loans | (1,063) | - |
| Change in impairment on equities | - | (7,717) |
| Change in impairment/amortization on real estate | (19,596) | (21,497) |
| Change in impairment on other investments | (5,483) | - |
| Financing costs on real estate investments[6] | (4,244) | (5,435) |
| Investment income on invested assets | 656,508 | 549,946 |
| Net interest income on funds withheld and contract deposits | 177,220 | 181,849 |
| Investment management expenses | (68,963) | (61,701) |
| **TOTAL NET INVESTMENT INCOME** | **764,765** | **670,094** |
| Foreign exchange gains/losses | (27,473) | 10,585 |
| Income/expenses on technical items[7] | (1,000) | 1,009 |
| Income from other consolidated entities[8] | (12,058) | - |
| Financing costs on real estate investments | 4,244 | 12,370 |
| **IFRS INVESTMENT INCOME NET OF INVESTMENT MANAGEMENT EXPENSES** | **728,478** | **694,058** |
| Average investment assets | 18,757,419 | 18,676,969 |
| **RETURN ON INVESTED ASSETS** *(ROIA as a %)* | **3.50%** | **2.94%** |

*(1) Investment revenues on invested assets are presented net of EUR 3 million real estate revenues attributable to 3rd parties.*
*(2) Fair value through income on invested assets includes EUR 5 million realized loss on derivatives, included in realized capital gains/losses on investments IFRS.*
*(3) Fair value through income on invested assets includes EUR 13 million of step acquisition revaluation gain.*
*(4) Fair value through income on invested assets includes EUR (1) million investment income from other consolidated entities.*
*(5) Impairment/depreciation of real estate is presented net of EUR 3 million depreciation attributable to 3rd parties.*
*(6) Real estate financing expenses relate to real estate investments (buildings owned for investment purposes) only, net of financing expenses attributable to 3rd parties.*
*(7) Income/(expenses) on technical items include (1) and (5) amongst other technical items.*
*(8) Includes (3) and (4).*

During 2017, invested assets decreased to EUR 18,580 million from EUR 19,226 at December 31, 2016, mainly as a result from negative FX impacts, partially offset by positive income generated by the invested assets portfolio in 2017 as well as a positive mark-to-market development net of realized gains.

SCOR announced its current investment strategy in September 2016, as part of its "Vision in Action" strategic plan. During the three-year period covered by the strategic plan SCOR intends to achieve higher investment returns through a normalization of its asset management policy, consisting in (i) reducing liquidity to 5%, (ii) closing the duration gap by the end of the strategic plan by increasing invested assets' duration and (iii) providing additional degrees of freedom in the Strategic Asset Allocation.

Consistent with "Vision in Action", SCOR Global Investments has pursued the repositioning of the investment portfolio throughout 2017. As a result, liquidity, defined as SCOR's share of cash and cash equivalents and short-term government bonds (with maturities above three months and below twelve months) and bank overdrafts, was significantly decreased towards the target level of 5% of invested assets, standing at 5% as at December 31, 2017, compared to 11% as at December 31, 2016.

Meanwhile, SCOR further rebalanced its invested assets portfolio towards its target asset allocation, and increased its exposure to corporate bonds, representing 46% of invested assets at the end of 2017 compared to 38% at the end of 2016. Over the same period, government bonds & assimilated were reduced from 25% to 24% of invested assets and covered bonds & Agency MBS from 11% to 10%. The fixed income portfolio continues to represent a significant portion of SCOR's invested assets with 81% invested within this asset class (as at year end 2016: 79%), and an average rating at "A+" at the end of 2017. The duration of the fixed income portfolio stood at 4.6 years at the end of 2017 compared to 4.5 years at the end of 2016.

SCOR's exposure to loans increased marginally to EUR 724 million as at December 31, 2017 and stands at 4% of invested assets (as at December 31, 2016: EUR 718 million, representing 4% of invested assets).

SCOR's exposure to equity securities increased to EUR 645 million as at December 31, 2017, representing 3% of invested assets (as at December 31, 2016: EUR 506 million, representing 2% of invested assets). This exposure is essentially composed of listed equities and convertible bonds.

The real estate portfolio decreased to EUR 680 million as at December 31, 2017, subsequent to the sale of a building and stands at 4% of invested assets (as at December 31, 2016: EUR 875 million, 5% of invested assets).

Other investments, comprising mainly Insurance-Linked Securities (ILS), private equity and infrastructure funds and non-listed equities slightly increased to EUR 494 million as at December 31, 2017 and represent 3% of invested assets (as at December 31, 2016: EUR 467 million, 2% of invested assets).

### A.3.1.2. INVESTMENT GAINS AND LOSSES RECOGNIZED IN EQUITY

Total unrealized gains and losses for the global portfolio of investments have decreased by EUR 40 million in 2017 as compared to 2016. The key movements are driven by the change in interest rates and by capital gains generated over the year. The performance of the equity book contributed materially to gains posted in shareholders' equity. The decrease of unrealized gains and losses for real estate is due to the sale of a Paris office building.

The unrealized gains and losses on AFS[1] investments recognized through equity have increased by EUR 53 million in 2017 as compared to 2016 driven by:

- Bonds AFS[1] for EUR 24 million;
- Equities AFS[1] for EUR 50 million;
- Foreign exchange gain/losses on equities AFS[1] EUR (21) million.

**SCOR Group**

| **IFRS**<br>*In EUR thousands* | **2017** | **2016** | **Variance YTD** |
|---|---|---|---|
| Fixed income | 14,000 | (20,000) | 34,000 |
| Loans | 1,000 | (1,000) | 2,000 |
| Equities | 177,000 | 36,000 | 141,000 |
| Real estate | 160,000 | 282,000 | (122,000) |
| Other investments | 6,000 | 101,000 | (95,000) |
| **TOTAL URGL** | **358,000** | **398,000** | **(40,000)** |
| Of which URGL on available for sale investments booked through equity | 194,881 | 141,902 | 52,980 |

(1) Available for sale.

### A.3.1.3. SECURITIZED INVESTMENTS

The table below presents information on the type of securitized investments held within the Group:

**SCOR Group**

| As at December 31, 2017<br>*In EUR thousands* | AAA | AA | A | BBB | <BBB and non-rated | Total | Market to Book Value % |
|---|---|---|---|---|---|---|---|
| **Assets-backed securities** | **-** | **-** | **-** | **-** | **963** | **963** | **82%** |
| **Collateralized loan obligations** | **85,725** | **-** | **-** | **2,106** | **58,440** | **146,271** | **100%** |
| **Collateralized debt obligations** | **20** | **19,909** | **-** | **-** | **217** | **20,146** | **85%** |
| Collateralized mortgage obligations | - | - | - | - | - | - | - |
| **Mortgage-backed securities** | **-** | **-** | **-** | **-** | **-** | **-** | **-** |
| Agency CMBS | 164 | - | - | - | - | 164 | 101% |
| Agency RMBS | 719,580 | - | - | - | - | 719,580 | 101% |
| Non-agency CMBS | 123 | - | - | - | - | 123 | 100% |
| Non-agency RMBS | - | 1,618 | 241 | 135 | 8,338 | 10,332 | 85% |
| **TOTAL** | **805,612** | **21,527** | **241** | **2,241** | **67,958** | **897,579** | **101%** |

**SCOR Group**

| As at December 31, 2016<br>*In EUR thousands* | AAA | AA | A | BBB | <BBB and non-rated | Total | Market to Book Value % |
|---|---|---|---|---|---|---|---|
| **Assets-backed securities** | **14,111** | **9,881** | **-** | **-** | **2,702** | **26,694** | **101%** |
| **Collateralized loan obligations** | **145,611** | **-** | **-** | **-** | **1,166** | **146,777** | **101%** |
| **Collateralized debt obligations** | **59** | **25,922** | **-** | **-** | **754** | **26,735** | **113%** |
| Collateralized mortgage obligations | - | 300 | - | 179 | 9,840 | 10,319 | 84% |
| **Mortgage-backed securities** | **-** | **-** | **-** | **-** | **-** | **-** | **-** |
| Agency CMBS | 210 | - | - | - | - | 210 | 104% |
| Agency RMBS | 1,012,718 | - | - | - | - | 1,012,718 | 99% |
| Non-agency CMBS | 367 | - | - | - | 111 | 478 | 82% |
| Non-agency RMBS | - | 2,382 | 42 | - | 5,349 | 7,773 | 80% |
| **TOTAL** | **1,173,076** | **38,485** | **42** | **179** | **19,922** | **1,231,704** | **99%** |

## A.3.2. SCOR SE

### A.3.2.1. INVESTMENT INCOME AND EXPENSES

#### Investment income and expenses by asset class

**SCOR SE**

| **French GAAP** *In EUR thousands* | **2017** | | |
|---|---|---|---|
| | **Related companies** | **Other** | **Total** |
| Revenues from securities | 81,032 | 711 | 81,743 |
| Revenues from other investments | 134,797 | 19,462 | 154,259 |
| Other revenues | 328 | 674 | 1,002 |
| Realized gains | - | 5 | 5 |
| **TOTAL INVESTMENT INCOME** | **216,157** | **20,852** | **237,009** |
| Management and financial costs | 13 | 3,543 | 3,556 |
| Other investment expenses | 30,197 | 91,361 | 121,558 |
| Realized losses | 13,207 | 38,874 | 52,081 |
| **TOTAL INVESTMENT EXPENSES** | **43,417** | **133,778** | **177,195** |

**SCOR SE**

| **French GAAP** *In EUR thousands* | **2016** | | |
|---|---|---|---|
| | **Related companies** | **Other** | **Total** |
| Revenues from securities | 550,431 | 1,580 | 552,011 |
| Revenues from other investments | 145,764 | 14,176 | 159,940 |
| Other revenues | 110,229 | 481 | 110,710 |
| Realized gains | 2,957 | 1,594 | 4,551 |
| **TOTAL INVESTMENT INCOME** | **809,381** | **17,831** | **827,212** |
| Management and financial costs | 9,137 | 116,002 | 125,139 |
| Other investment expenses | - | 1,271 | 1,271 |
| Realized losses | - | 57,143 | 57,143 |
| **TOTAL INVESTMENT EXPENSES** | **9,137** | **174,416** | **183,553** |

Dividends received from subsidiaries amount to EUR 81 million and include SCOR US Corporation (USD 31 million or EUR 26 million), SCOR Holding Switzerland AG (EUR 27 million), SCOR Auber SAS (EUR 22 million), MRM (EUR 3 million), SCOR Investment Partners SE (EUR 2 million) and OPCI SCOR Properties II (EUR 1 million).

### A.3.2.2. INVESTMENT GAINS AND LOSSES RECOGNIZED IN EQUITY

Not applicable to SCOR SE under French GAAP.

### A.3.2.3. SECURITIZED INVESTMENTS

Not applicable to SCOR SE.

## A.3.3. SGP&C SE

### A.3.3.1. INVESTMENT INCOME AND EXPENSES

SGP&C SE's portfolio positioning is well-diversified in terms of asset classes and benefits from its currency mix with a strong exposure to the USD linked to its business mix. During 2017 the duration of the fixed income bucket slightly decreased from 4.0 to 3.9 years and the average rating is at A compared to A + in 2016.

**SGP&C SE**

| **French GAAP**<br>*In EUR thousands* | **2017** | **2016** |
|---|---|---|
| Revenues from invested assets | 49,047 | 39,227 |
| of which bonds | 26,818 | 27,855 |
| of which equities | 11,599 | 1,865 |
| of which investment funds | 10,630 | 9,507 |
| Revenues from affiliates | 137,391 | 225,237 |
| Revenues from loans | 7,467 | 13,527 |
| Interest on deposits to cedents[(1)] | 13,872 | 10,686 |
| FX Result | 706 | (14,654) |
| Realized gains and losses on investments | 34,888 | 26,267 |
| Other revenues from investments | (1,567) | (2,042) |
| **INVESTMENT INCOME** | **241,804** | **298,248** |
| **INVESTMENT MANAGEMENT EXPENSES** | **(3,755)** | **(3,960)** |

*(1) For further information on interest on deposits to cedents, please refer to Section A.2.3 SGP&C SE – Additional information on underwriting performance.*

Total investment income net of management expenses stands at EUR 238 million in 2017 and is mainly driven by dividends from affiliates, which represent 58% of investment income net of management expenses.

### A.3.3.2. INVESTMENT GAINS AND LOSSES RECOGNIZED IN EQUITY

Not applicable to SGP&C SE under French GAAP.

### A.3.3.3. SECURITIZED INVESTMENTS

At year-end 2017, SGP&C SE has the following exposure to securitized investments.

**SGP&C SE**

| **As at December 31, 2017**<br>*In EUR thousands* | **AAA** | **AA** | **A** | **BBB** | **<BBB and non-rated** | **Total** | **Market to Book Value %** |
|---|---|---|---|---|---|---|---|
| **Assets-backed securities** | - | - | - | - | - | - | - |
| **Collateralized loan obligations** | - | - | - | - | - | - | - |
| **Collateralized debt obligations** | - | - | - | - | **203** | **203** | **121%** |
| Collateralized mortgage obligations | - | - | - | - | - | - | - |
| **Mortgage-backed securities** | - | - | - | - | - | - | - |
| Agency CMBS | - | - | - | - | - | - | - |
| Agency RMBS | - | - | - | - | - | - | - |
| Non-agency CMBS | - | - | - | - | - | - | - |
| Non-agency RMBS | - | - | - | - | - | - | - |
| **TOTAL** | **-** | **-** | **-** | **-** | **203** | **203** | **121%** |

**SGP&C SE**

| Au 31 décembre 2016 *In EUR thousands* | AAA | AA | A | BBB | <BBB and non-rated | Total | Market to Book Value % |
|---|---|---|---|---|---|---|---|
| **Assets-backed securities** | - | - | - | - | - | - | - |
| **Collateralized loan obligations** | - | - | - | - | - | - | - |
| **Collateralized debt obligations** | - | - | - | - | 565 | 565 | 331% |
| Collateralized mortgage obligations | - | - | - | - | - | - | - |
| **Mortgage-backed securities** | - | - | - | - | - | - | - |
| Agency CMBS | - | - | - | - | - | - | - |
| Agency RMBS | 19,091 | - | - | - | - | 19,091 | 96% |
| Non-agency CMBS | - | - | - | - | - | - | - |
| Non-agency RMBS | - | - | - | - | - | - | - |
| **TOTAL** | **19,091** | **-** | **-** | **-** | **565** | **19,656** | **98%** |

## A.3.4. SGL SE

### A.3.4.1. INVESTMENT INCOME AND EXPENSES

SGL SE's portfolio positioning is well-diversified in terms of asset classes and benefits from its currency mix, with a strong exposure to the EUR and the USD linked to its business mix. The allocation is more than 80% in cash and fixed income securities. During 2017 the corporate bonds bucket materially increased in line with the Group strategy.

**SGL SE**

| French GAAP *In EUR thousands* | 2017 | 2016 |
|---|---|---|
| Revenues from invested assets | 22,591 | 33,944 |
| of which bonds | 18,626 | 20,497 |
| of which equities | 155 | 96 |
| of which investment funds | 3,810 | 13,351 |
| Revenues from affiliates | 97,507 | 120,088 |
| Revenues from loans | 366 | 752 |
| Interest on deposits to cedents(1) | 95,171 | 100,928 |
| Realized gains and losses on investments (incl. FX result) | 66,755 | 4,721 |
| Other revenues from investments | 4,563 | 13,894 |
| **INVESTMENT INCOME** | **286,953** | **274,327** |
| **INVESTMENT MANAGEMENT EXPENSES** | **(2,071)** | **(2,590)** |

*(1) For further information on interest on deposits to cedents, please refer to Section A.2.4 – SGL SE – Additional information on underwriting performance.*

Total investment income net of management expenses for the year ended December 31, 2017 amounted to EUR 285 million compared to EUR 272 million for the year ended December 31, 2016.

The increase in investment income in 2017 is essentially driven by the active portfolio management strategy implemented by SCOR Global Investments, which translated into substantial realized gains of EUR 67 million (including FX result).

SGL SE's revenues from affiliates were EUR 98 million, of which EUR 85 million of dividends and EUR 13 million of interest on loans in 2017.

Net interest on deposits totaled EUR 95 million: EUR 145 million on deposits to cedents (compared to EUR 151 million in 2016) partially offset by EUR 50 million on deposits from reinsurers (stable compared to EUR 50 million in 2016).

## A.3.4.2. INVESTMENT GAINS AND LOSSES RECOGNIZED IN EQUITY

Not applicable to SGL SE under French GAAP.

## A.3.4.3. SECURITIZED INVESTMENTS

At year-end 2017, SGL SE has the following exposure to securitized investments.

### SGL SE

| As at December 31, 2017 *In EUR thousands* | AAA | AA | A | BBB | <BBB and non-rated | Total | Market to Book Value % |
|---|---|---|---|---|---|---|---|
| **Assets-backed securities** | - | - | - | - | - | - | - |
| **Collateralized loan obligations** | - | - | - | - | - | - | - |
| **Collateralized debt obligations** | - | - | - | - | 50 | 50 | 69% |
| Collateralized mortgage obligations | - | - | - | - | - | - | - |
| **Mortgage-backed securities** | - | - | - | - | - | - | - |
| Agency CMBS | - | - | - | - | - | - | - |
| Agency RMBS | - | - | - | - | - | - | - |
| Non-agency CMBS | - | - | - | - | - | - | - |
| Non-agency RMBS | - | - | - | - | - | - | - |
| **TOTAL** | - | - | - | - | 50 | 50 | 69% |

### SGL SE

| As at December 31, 2016 *In EUR thousands* | AAA | AA | A | BBB | <BBB and non-rated | Total | Market to Book Value % |
|---|---|---|---|---|---|---|---|
| **Assets-backed securities** | - | - | - | - | - | - | - |
| **Collateralized loan obligations** | 7,773 | - | - | - | - | 7,773 | 100% |
| **Collateralized debt obligations** | - | - | - | - | 205 | 205 | 282% |
| Collateralized mortgage obligations | - | - | - | - | - | - | - |
| **Mortgage-backed securities** | - | - | - | - | - | - | - |
| Agency CMBS | - | - | - | - | - | - | - |
| Agency RMBS | - | - | - | - | - | - | - |
| Non-agency CMBS | - | - | - | - | - | - | - |
| Non-agency RMBS | - | - | - | - | - | - | - |
| **TOTAL** | 7,773 | - | - | - | 205 | 7,978 | 102% |

# A.4. PERFORMANCE OF OTHER ACTIVITIES

## OPERATING LEASE CONTRACTS

Payments for operating leases relate primarily to rental payments for offices and business premises of the Group. They include extension options as well as restrictions regarding subleases. The main lease contracts are for the US and Zurich offices.

See Chapter D (Valuation for solvency purposes, Sections D.1.2 – Property, plant and equipment and D.3.5 – Other liabilities) of this report for further information.

## FINANCE LEASE CONTRACTS

No material finance lease contracts were utilized by SCOR over the reporting period.

## OTHER ACTIVITIES

No material income and expense was incurred by SCOR over the reporting period other than the income and expense presented above in Sections A.2 – Underwriting performance and A.3 – Investment performance.

# A.5. ANY OTHER INFORMATION

No material information is reported regarding SCOR's business and performance, other than presented above in Sections A.1 – Business, A.2 – Underwriting performance and A.3 – Investment performance.

# B

# SYSTEM OF GOVERNANCE

# B.1. GENERAL INFORMATION ON THE SYSTEM OF GOVERNANCE

## B.1.1. GENERAL GOVERNANCE PRINCIPLES

SCOR has an objective of adopting best practices with regards to governance because good governance contributes to meeting its strategic objectives and ensuring an appropriate management of risks. The governance of SCOR SE and of SCOR Group derives from the following objectives:

- compliance with applicable laws in the countries where it operates, and for SCOR SE, with the French Commercial Code, the French Monetary and Financial Code, the AMF's General Regulation and the French Insurance Code;
- pragmatism, simplicity and operating efficiency, allowing for timely and effective decision-making and cost effectiveness;
- clear allocation of roles and responsibilities, including clear reporting lines and accountability;
- checks and balances;
- fostering of cooperation, internal reporting and communication of information at all relevant levels of the Group;
- robust management and internal control leveraging on the consistent application of policies, guidelines, procedures and tools such as IT systems;
- mobilization of skills and expertise;
- balance between strong governance at Group level involving a global vision and global steering of the business and of risk management, and empowerment of local Boards and management teams, allowing for local specificities to be considered;
- multicentricity, with Group functions being carried out in other geographical locations than Paris to benefit fully from the competencies within various locations;
- efficient flow of information bottom-up and top-down.

## B.1.2. LEGAL STRUCTURE AND FUNCTIONAL ORGANIZATION OF SCOR GROUP

### B.1.2.1. LEGAL STRUCTURE OF THE GROUP

SCOR operates through a number of legal entities, branches and representative offices all around the world. Its legal structure is outlined on the Company's website at the following address:

https://www.scor.com/eng/the-group/organisation/legal-documents.html

In addition to the objectives outlined above, the legal structure of the Group is guided by the following principles:

- support the strategic objectives (solvency and profitability) and operations of the Group;
- reduce the number of entities and simplify the organization;
- deliver cost effectiveness;
- optimize capital management by maximizing capital fungibility;
- achieve high financial flexibility;
- comply with local regulations and requirements;
- access local business and be close to clients' needs.

Among the legal entities of the SCOR Group, a number of key subsidiaries around the world have external Board members with a view to meeting high corporate governance standards.

### B.1.2.2. FUNCTIONAL ORGANIZATION OF THE GROUP

SCOR operates all around the world through several legal entities, branches or representative offices. In order to ensure an appropriate consolidated vision and management of risks and business issues at Group level, and in line with the other objectives outlined in Section B.1.1 – General governance principles, SCOR has put in place a strong functional organization based on divisions and Group functions, as well as on regional Hubs.

### B.1.2.3. DIVISIONS AND GROUP FUNCTIONS

The Group is organized around two reinsurance divisions, SCOR Global P&C (Property and Casualty reinsurance) and SCOR Global Life (Life reinsurance), plus an asset management division, SCOR Global Investments:

- Property and Casualty reinsurance operating activities are managed by SCOR's P&C division, SCOR Global P&C (SGP&C). These activities include the following business areas: Property and Casualty Treaties, Specialty lines, Business Solutions (facultative), Joint-ventures and Partnerships as well as some direct insurance activities based in the United Kingdom and the United States;

- Life reinsurance operating activities are managed by SCOR's Life division, SCOR Global Life (SGL). These activities include the following product lines: Protection, Longevity and Financial Solutions and Global Distribution Solutions. Through its Global Distribution Solutions (GDS), SCOR Global Life has successfully deployed a number of innovative and tailored client services which aim to help insurers expand and develop their own client bases (ReMark, Velogica, SCOR Telemed and Rehalto);
- Asset management activities are managed by SCOR's asset management division, SCOR Global Investments (SGI).

SCOR Global P&C operates worldwide through two main global reinsurance companies (SCOR Global P&C SE and SCOR SE) as well as insurance and reinsurance subsidiaries and branches in the EMEA region, including Spain, Italy, Switzerland, the UK, Germany, South Africa, Russia, in the Americas region and in the Asia-Pacific region, including Australia, China, India, South Korea, Hong Kong and Singapore. The role and organization of SCOR Global P&C SE and of the P&C division are further described in Section B.1.3.3 – Governance of SCOR Global P&C Division and SGP&C SE.

SCOR Global Life operates worldwide through two main global reinsurance companies (SCOR Global Life SE and SCOR SE) as well as insurance and reinsurance subsidiaries and branches in the EMEA region, including Germany, the UK, Ireland, Italy, Spain, Switzerland, the Netherlands, Sweden, Belgium, Russia, South Africa, in the Americas region, including Canada, the US, Latin America and in the Asia-Pacific region, including Australia, New Zealand, China, Hong Kong, Japan, Singapore, Malaysia, South Korea and India. It operates its reinsurance distribution solutions activities through a specialized subsidiary of SCOR Global Life SE. The role and organization of SCOR Global Life SE and of the Life division are further described in Section B.1.3.4 – Governance of SGL Division and SGL SE.

SCOR Global Investments manages the investment portfolio of the Group's legal entities. It is composed of the Group Investment Office and SCOR Investment Partners SE, a portfolio management company, approved by the AMF. The Group Investment Office manages the interaction between the SCOR Group and SCOR Investment Partners in managing risk appetite, monitoring investment risks and setting investment guidelines. SCOR Investment Partners manages the assets of many SCOR Group subsidiaries directly and also manages funds on the behalf of the Group and third party clients.

In addition to the three divisions, three Group functions fulfill duties for the benefit of the whole Group: Finance (including Tax, Accounting, Consolidation and Reporting, Corporate Finance, Treasury and Capital Management), Operations (including Legal and Compliance, Human Resources, IT, Project Office, Communication, Cost Controlling and Budgeting) and Risk (including Actuarial, Risk Management, Prudential and Regulatory Affairs and Internal Model).

Beyond legal entity structures and due to the existence of divisions and Group functions, the Group's subsidiaries, branches and offices are connected through a central network of applications and data exchange platforms, which allow local access to centralized expertise and tools and also give the Group a good overview of local operations and risks.

### B.1.2.4. HUB STRUCTURE

SCOR has structured its operations around three regional management platforms, or Hubs: the EMEA Hub, the Americas Hub and the APAC Hub.

Each Hub has local, regional and Group responsibilities, with the heads of each Hub reporting to the Group Chief Operating Officer. Each Hub typically includes the following functions: legal and compliance, human resources, Information technology support, general services and finance. This organization enables:

- SCOR's operational structures and support functions to be optimized by creating service entities in charge of managing pooled resources, including information technology, human resources, legal and others in the Group's main locations;
- several Group functions to be carried out and managed in geographical locations other than Paris in order to benefit fully from the competencies within different Hubs; and
- the Group to develop a global culture while keeping local specificities.

The Hub structure is designed to facilitate access to local markets through a network of local subsidiaries, branches and representative offices, to better identify profit centers in each major reinsurance market, obtain a deeper understanding of the specific features of local risks and develop local management and underwriting expertise, and thereby improve customer service and maintain relationships with ceding companies. Since the acquisition of the mortality reinsurance business, including the operational assets and personnel, of Transamerica Re, and the acquisition of Generali U.S. Holding Inc., Charlotte, North Carolina, and Leawood (Kansas City), Missouri have become key locations for the Life division. As part of these integrations, Charlotte and Kansas City have joined New York as key competence centers for the Americas Hub.

## B.1.3. GOVERNANCE STRUCTURE AT GROUP AND LEGAL ENTITY LEVEL

### B.1.3.1. GOVERNANCE OF THE GROUP

The parent company of the Group is SCOR SE. The governance bodies of SCOR SE play a key role in the governance of the Group. The governance of SCOR SE is presented in Section B.1.3.2 – Governance of SCOR SE.

Directors of SCOR SE may serve as Directors of certain subsidiaries to help ensure the consistency of the governance of the Group. In addition, and to serve the same purpose, the Audit Committee of the Board of SCOR SE receives annually a report on the activities of local audit committees.

#### Group Executive Committee

The Group Executive Committee is the highest management committee of the SCOR Group.

It is responsible for implementing the strategy defined by the Board of Directors, under the Chief Executive Officer's authority.

The Group Executive Committee is composed of executives of SCOR SE and its subsidiaries. It enables:

- bottom-up reporting (from divisions, Group functions and Hubs) to the most senior executives of the Group, including the Chairman and CEO of SCOR SE, through regular reviews or ad hoc presentations of the operations, thereby facilitating the supervision of the Group's activities;
- the coordination of all major functional entities of the SCOR Group (divisions, Group functions, Hubs and legal entities);
- the involvement of the most senior executives of the Group in significant decisions concerning the Group (as well as its three main legal entities SCOR SE, SCOR Global P&C SE and SCOR Global Life SE), prior to these decisions being taken. Pursuant to Article L. 322-3-2 of the French Insurance Code, insurance and reinsurance companies must apply, since January 1, 2016, the "Four Eyes Principle", according to which they must be effectively run by at least two separate persons. The persons effectively running SCOR SE and the Group were designated by SCOR SE's Board of Directors on November 3, 2015. In addition to Denis Kessler, Chairman and Chief Executive Officer of SCOR SE, they include Victor Peignet, Chief Executive Officer of SCOR Global P&C, and Paolo De Martin, Chief Executive Officer of SCOR Global Life;
- the preparation of the work of SCOR SE's Board of Directors, in particular with respect to strategic decisions, and the implementation of its decisions.

On December 31, 2017 the composition of the Group Executive Committee was as follows:

- the Chairman and CEO of SCOR SE, who chairs it;
- the CEO of SCOR Global P&C and his deputy;
- the CEO of SCOR Global Life and his deputy;
- the CEO of SCOR Global Investments;
- the Group CFO;
- the Group COO;
- the Group CRO.

In addition to the Group Executive Committee, specialized management committees have been put in place in order to review certain topics in more detail, prepare the work of the Group Executive Committee or perform a similar role on specific issues.

#### Key functions

Key function holders are designated at SCOR SE and Group level.

The French Insurance Code defines four key governance functions as part of a company's system of governance. These functions contribute to the implementation of an effective system of governance that provides for sound and prudent management.

These functions are the following:

- Risk Management;
- Compliance;
- Internal Audit;
- Actuarial.

The missions, tasks, roles and responsibilities related to these key functions are addressed in the related Group policies, mainly:

- the Group Policy on Risk Management;
- the Group Compliance Policy;
- the Group Internal audit charter;
- the Group Reserving Policy.

The content of Section B.1.3.2 – Governance of SCOR SE below on SCOR SE's key function holders (roles and responsibilities, freedom from influence, access to the Board, designation, fit and proper and notification requirements, access to information and records, interactions with the other key functions) also apply to them as Group key function holders.

### B.1.3.2. GOVERNANCE OF SCOR SE

#### Legal form and fundamental rules of governance

SCOR SE is incorporated in France, registered with the Paris Trade and Companies Register. It is the parent company of the SCOR Group.

It is governed by the provisions of Council Regulation (EC) No. 2157/2001, dated October 8, 2001 on the Statute for a European Company (the "SE Regulation"), and by that of the European Council Directive 2001/86/EC of October 8, 2001 supplementing the Statute for a European Company with regard to the involvement of employees, and by the provisions of French law relating to European Companies, as well as for all other matters partially covered or not covered by the SE Regulation, by the French corporate law provisions applicable to sociétés anonymes, where not contrary to the specific provisions applicable to European Companies.

The bylaws of SCOR SE (available on www.scor.com) set forth its corporate purpose and the fundamental rules of its governance.

SCOR SE is listed on NYSE Euronext Paris. SCOR SE shares are also listed on the Six Swiss Exchange (SWX) in Zurich.

SCOR SE is subject to applicable French laws and regulations (including, but not limited to, the French Commercial Code, the AMF Regulation, the French Monetary and Financial Code and the French Insurance Code) and is supervised notably by the AMF and the Autorité de Contrôle Prudentiel et de Résolution ("ACPR"). In application of the July 3, 2008 Act implementing the European Union Directive 2006/46/CE of June 14, 2006, SCOR SE refers to the AFEP-MEDEF corporate governance code for listed companies.

SCOR SE is licensed to carry out reinsurance activities in several countries. It operates through a number of subsidiaries, branches and representative offices. Pursuant to a decision of the Comité des Entreprises d'Assurance dated July 15, 2008, the Company holds a license to operate in Non-Life and Life reinsurance in France. The Company is also authorized to operate:

- within the European Union pursuant to the European passporting regulation:
- in other countries where the Company has obtained licenses to write reinsurance business or where operating in reinsurance is not subject to a license.

#### Board of Directors

##### Mission of the Board of Directors

In accordance with European law governing European Companies and applicable French law, the principal responsibility of the Board of Directors is to determine the guiding principles of the Company's business plan and strategy and to monitor their application. With the exception of powers explicitly reserved to shareholders in Shareholders' Meetings and within the limits of the corporate purpose, the Board addresses all matters related to the Company's performance and takes decisions regarding business issues concerning the Company. It designates the CEO and the other persons effectively running the Company. It meets with the key function holders for SCOR SE at least annually. It takes part in the sound and prudent management of the Company. It is informed each quarter by management of the financial position, cash position and commitments of the Company. In accordance with legal provisions, it approves the financial statements, proposes dividends, and makes investment and financial policy decisions. It is informed about market developments, the competitive environment and the most important issues at hand, including in the field of corporate social and environmental responsibility. It approves the Own Risk and Solvency Assessment ("ORSA") report and takes it into account when making decisions likely to have a significant impact on the Company. It approves certain policies as well as the SFCR and RSR reports. The Board also carries out the verifications and controls deemed necessary.

##### Composition of the Board of Directors

SCOR SE's bylaws provide that the Board of Directors shall comprise no fewer than nine and no more than eighteen members. The actual number of directors may be modified by the shareholders at Shareholders' Meetings. The Board of Directors cannot by itself increase the number of its members.

Under French law, a director may be an individual or a legal entity for which an individual is appointed as permanent representative, except for the Chairman, who must be an individual. Pursuant to Article L. 225-20 of the French Commercial Code, the permanent representative of a legal entity is subject to the same conditions, obligations and civil and criminal liabilities as if he or she was director in his or her own name, without prejudice to the joint and several liability of the legal entity he or she represents.

The term of office of the directors appointed or renewed, as set forth in SCOR SE's bylaws, shall not exceed four years. Under SCOR SE's bylaws, directors may hold office until the age of 77. A director who reaches the age of 77 while in office has to retire at the expiration of his or her term of office, as determined at the Shareholders' Meeting. Directors are elected by the shareholders and serve until the expiration of their respective term, or until their resignation, death or removal, with or without cause, by the shareholders. Vacancies on the Board of Directors may, under certain conditions, be filled by the Board of Directors, pending the next Shareholders' Meeting.

The Board of Directors' composition is guided by the following principles:

- application of best in class corporate governance practices;
- appropriate number of Board members in order to allow meaningful individual participation;
- majority of independent directors, pursuant to criteria adopted by the Board of Directors;
- diversity of expertise;
- international experience and diversity of nationalities;
- high proportion of female Board members.

As of December 31, 2017, the membership of the Board of Directors was as follows:

- 66.7% are independent directors (75% as at December 31, 2016) and 72.7% excluding the employee director. The Audit Committee is fully composed of independent directors and the Risk Committee is composed of 66.7% of independent directors and the Compensation and Nomination Commitee of 57.1% of independent directors (66.7% excluding the employee director);

- 58.3% are directors with past experience in the insurance or reinsurance industry, which is the same as at December 31, 2016. The other directors work in the financial sector, banking, legal advisory services and other services;
- 33.3% are non-French directors (33.3% as at December 31, 2016) with directors who are American, Belgian, British and Swiss;
- 41.7% are women (41.7% as at December 31, 2016). The composition of the Board of Directors is therefore compliant with the applicable law.

### Directors' duties

Directors are required to comply with applicable law and SCOR SE's bylaws. Under French law, directors are liable for violations of French legal or regulatory requirements applicable to European Companies, violation of a company's bylaws or mismanagement ("faute de gestion"). Directors may be held liable for such actions both individually and jointly with other directors.

Each director has a loyalty obligation towards the Company. He or she shall not act in his or her own interest, against SCOR's interests, and must avoid any situation with risks of conflict of interests.

Pursuant to the Board Internal Charter, each director undertakes not to seek or accept any function, benefit or situation from the Company or from the Group, directly or indirectly, that could jeopardize his or her independence of analysis, judgment or action, during the performance of his or her duties as director. He or she will also dismiss any direct or indirect pressure from other directors, specific groups of shareholders, creditors, suppliers or other third parties.

The Board of Directors of SCOR SE decided, in order to protect the Company's interests, to implement an internal control program to prevent risks of conflict of interest through:

- a review by the Audit Committee of related party transactions;
- an annual review of each director's situation, in order to analyze his or her independent status and the existence of any potential existing conflicts of interests;
- its Board Internal Charter, according to which any director in a situation involving a risk of conflict of interest undertakes to resign from his or her position if the conflict situation is not solved;
- the adoption of a Code of Conduct communicated to all employees. This Code establishes reinforced requirements regarding the prevention of situations with risks of conflict of interests. It is completed by a policy defining the alert procedures ("whistleblowing") available for employees and which are reported to the Audit Committee.

### Functioning of the Board of Directors

The Board of Directors' meeting held on March 31, 2004 adopted a Board Internal Charter (the "Board Internal Charter") in order to enhance or specify the rules governing the Board. This Board Internal Charter was amended by successive decisions of the Board of Directors. It is available on the website of the Company (www.scor.com).

The Board meets at least four times a year. It has set up six Committees in order to examine specific topics, prepare the Board's proceedings and make recommendations to the Board. Moreover, the non-executive directors' session is composed of all voting directors, with the exception of the Chairman and Chief Executive Officer and the employee director.

### The Strategic Committee

The Strategic Committee's mission is to examine the Group's development strategy, including investments in major organic growth and internal restructuring operations, plus any significant operation falling outside of the strategy announced by the Group and to examine any acquisition, merger, asset contribution or disposal in an amount in excess of EUR 100 million.

### The Audit Committee

The Audit Committee has two main missions:

- accounting and financial responsibilities, including the analysis of periodic financial statements, the review of the relevance of choices and correct application of accounting standards, the review of the accounting treatment of any material transaction, the review of the scope of consolidation, the review of significant off-balance sheet commitments, the control of the selection of Statutory Auditors, the review of any accounting and financial reporting documents before they are made public. The Group audit fees for services rendered during the year are subject to a quarterly review and approval by the Audit Committee, with a specific review for non-audit services. The Audit Committee approves the non-core audit fees to ensure that the auditors' independence is not impaired;
- ethical, internal control and compliance responsibilities: the Audit Committee is responsible for ensuring that internal procedures relating to the collection and auditing of data guarantee the quality and reliability of the Group's financial statements. The Audit Committee is also in charge of reviewing agreements with related parties ("conventions réglementées"), analyzing and responding to questions from employees with regard to internal controls, the preparation of financial statements and the treatment of internal accounting books and records. It gives its opinion on the organization of Internal Audit, examines its annual work program, receives internal audit reports and stays informed regarding the implementation of recommendations. Finally, it examines the annual compliance plan and stays informed regarding the Company's compliance activities.

The Committee may consult the Chief Financial Officer, the Head of Internal Audit, the Heads of the actuarial and compliance functions and the Statutory Auditors on these issues, including when other SCOR executives are not present. It may also call upon outside experts. During the 2017 financial year, and for each meeting, it held separate in camera sessions with the Statutory Auditors and with the Group Chief Financial Officer. The review of the financial statements was supplemented by a presentation made by the Statutory Auditors highlighting the main results of their work and the accounting methods used, as well as by a presentation by the Group Chief Financial Officer describing risk exposure and material off-balance sheet liabilities.

### The Risk Committee

The Risk Committee is responsible for examining, notably based on the Own Risk and Solvency Assessment (ORSA), the major risks with which the Company is confronted, both on the assets and liabilities side, and for ensuring that tools for monitoring and controlling these risks are in place. It examines SCOR's risks and its Enterprise Risk Management (ERM) policy. It studies the Group's strategic risks (including emerging risks) as well as the risks relating to the Group's main technical and financial commitments (underwriting, reserving, market, concentration, counterparty, asset-liability management, liquidity and operational risks as well as risks relating to changes in prudential regulations).

### The Compensation and Nomination Committee

The Compensation and Nomination Committee submits recommendations concerning compensation packages for the executive corporate officer, pensions, share allocation plans and stock option plans or stock subscription plans to the Board of Directors and examines proposals related to the composition, organization and functioning of the Board of Directors and its Committees. Its missions are described in the Board Internal Charter.

### The Crisis Management Committee

The Crisis Management Committee meets only when necessary and as many times as it deems necessary.

It is responsible for assisting and advising the Board of Directors and proposing to them any necessary measures and decisions in the event of a crisis affecting the Company, the Group or one of its members, as well as following up on such measures and decisions.

The Chairman and Chief Executive Officer must be disqualified from such discussions if the crisis is linked to a subject that relates to him personally.

### The Corporate and Social Responsibility Committee

During its meeting on October 25, 2017, the Board of Directors decided to create a Corporate and Social Responsibility Committee.

Its mission is to examine the corporate and social responsibility (CSR) strategy and actions plans of the Group, to follow up their implementation and to propose any actions in this respect. It also examines the reports related to the CSR submitted to the Board of Directors in accordance with applicable laws and regulations.

### Non-executive directors' session

The non-executive directors' session involves all the directors, with the exception of the employee director and the executive corporate officer of the Company.

This session brings together the non-executive directors so that they can exchange ideas outside the context of Board of Directors' meetings. It may be called in case of a conflict of interest between the Board and the management team, a non-adherence to the corporate governance code, an inability of the corporate officer to carry out his duties as a result of an accident or his death, or a proven breach of the code of ethics on the part of the corporate officer.

### Lead Independent Director

The Internal Regulations of the Board of SCOR SE provide for the appointment of a Lead Independent Director, from amongst the independent directors by the Board of Directors upon a proposal by the Compensation and Nomination Committee. He assists the Chairman and CEO in his duties, notably for the organization and functioning of the Board and its Committees and the monitoring of corporate governance and internal control.

He is also in charge of assisting the Board concerning the efficiency of the Company's corporate governance and advising the Board on the operations in respect of which Board meetings are convened to deliberate. He convenes meetings of the independent directors as often as needed and at least once a year, and he chairs the non-executive directors session.

He advises the directors when they are suspected of being in a situation of conflict of interest.

## Chairman and Chief Executive Officer

At its meeting on April 18, 2002 and in compliance with Article L. 225-51-1 of the French Commercial Code and Article 16 of SCOR's bylaws ("Executive Management"), the Board of Directors of the Company decided that the management of the Company would be carried out under its responsibility by the Chairman of the Board of Directors, with the title of Chairman and Chief Executive Officer, who may be assisted by a Deputy Chief Executive Officer.

Denis Kessler joined the Group on November 4, 2002, with the objective of turning the Company around in the face of a very difficult financial situation. The Board of Directors considered that, in order to achieve this, it was preferable to entrust him with the powers of Chairman of the Board of Directors and of Chief Executive Officer. When his term was renewed in May 2011, the Board of Directors considered that Denis Kessler had demonstrated the benefits of combining the offices of Chairman of the Board of Directors and Chief Executive Officer during the turnaround period experienced by SCOR between 2003 and 2007, and then during the economic crisis between 2007 and 2011. The Board of Directors thus felt it was in the best interests of SCOR, its shareholders and all its employees, for Denis Kessler to be re-appointed as Chairman and Chief Executive Officer and to continue the development of the Group. By combining the roles of Chairman and Chief Executive Officer, the Company benefits from a faster decision-making process and strategic alignment in terms of its governance bodies. The Shareholders' Meeting of April 27, 2017 approved the extension of Denis Kessler's directorship for a four-year period and the Board of Directors of April 27, 2017 decided unanimously to re-appoint him as the Company's Chairman and Chief Executive Officer and person effectively running the Company.

The Chairman and Chief Executive Officer has executive authority to manage SCOR's business, subject to the prior authorization of the Board of Directors or the shareholders for certain decisions as required by law and by the Company's bylaws, and subject to compliance with the French Insurance Code according to which SCOR must be effectively run by at least two persons (cf. "Four Eyes Principle" mentioned in Section 1.3.1 – Governance of the Group/Group Executive Committee). The Chairman and Chief Executive Officer has the authority to act on behalf of and in the name of SCOR and to represent SCOR in dealings with third parties, subject only to those powers expressly reserved by law to the Board of Directors or the shareholders. The Chairman and Chief Executive Officer determines, and is responsible for, the implementation of SCOR's goals, strategies and budgets, which are reviewed and monitored by the Board of Directors.

The Board of Directors has the power to appoint and remove, at any time and with or without cause, the Chairman and Chief Executive Officer, as well as to appoint separate persons to hold the positions of Chairman of the Board (Président du Conseil d'administration) and Chief Executive Officer (Directeur Général). Upon a proposal made by the Chairman and Chief Executive Officer, the Board of Directors may also appoint a Deputy Chief Executive Officer (Directeur Général Délégué) to assist the Chief Executive Officer in managing the business.

During its meeting held on March 4, 2015, the Board of Directors of the Company limited the powers of the Chairman and Chief Executive Officer by stipulating in the Board's Internal Charter the need for prior Board approval for the following operations:

- organic growth investments and major internal structuring operations;
- any significant operation falling outside of the scope of the strategy announced by the Group;
- any project regarding a sale or acquisition, merger or asset contribution higher than one hundred million euros. In addition, any project regarding a sale, in one or more transactions, concerning at least half of the Company's assets must be submitted to the Shareholders' Meeting, as recommended by the AFEP-MEDEF corporate governance code.

Furthermore, in addition to the Chairman and Chief Executive Officer of SCOR SE, two other persons effectively running SCOR SE and the Group have been appointed. Since January 1, 2016, the effective management of the Company and the Group has been overseen by at least two persons, pursuant to the requirements of the French Insurance Code (Code des assurances) (see Section B.1.3.1 – Governance of the Group).

#### Absence or impediment of a person effectively running the Company

In the event of absence or impediment of a person effectively running SCOR SE for more than two months, due to death, critical illness or any other cause, resulting in the inability of that person to perform his/her duties, the Board of Directors shall be convened within one month to designate a temporary or a permanent replacement as person effectively running the Company so as to ensure the continuity of the effective management of the Company. The Compensation and Nomination Committee of SCOR SE maintains a list of proposed immediate replacements for each person effectively running SCOR Global SE in order to facilitate swift decision-making in such event.

### Key functions

The four key governance functions defined by the French Insurance Code contribute to the implementation of an effective system of governance that provides for sound and prudent management.

Key functions may be outsourced (if only partially) to other entities, in accordance with the rules laid out in the Group Outsourcing Policy. See Section B.7 – Outsourcing for further details.

#### Roles and responsibilities

For further information on roles and responsibilities of key functions, please refer to the sections below dedicated to this subject, in particular Section B.3 – Risk management system, Section B.4 – Internal control system and compliance function, Section B.5 – Internal audit and Section B.6 – Actuarial function.

#### Freedom from influence

The key function holders carry out their duties in an objective, fair and independent manner. They shall be free from any influence that could impair the performance of their duties.

They operate under the ultimate responsibility of the Chief Executive Officer, through the different levels of management.

Each key function holder has a sufficiently high rank in the organization and is in a position to conduct his/her activities in an independent manner. The standing and authority of the key function holders in the main management governing bodies that are relevant with respect to their role allow them to execute their tasks with the level of independence required as set forth by the French Insurance Code. In addition, key function holders interact regularly with the Board members and with the persons effectively running the company.

#### Access to the Board

The key function holders meet, at least once a year, with the Board of Directors of SCOR SE, or one of its specialized Committees.

Besides, the Board of Directors of SCOR SE and its specialized Committees may contact the key function holders at their discretion, upon request from their respective Chairmen.

Moreover, the key function holders have a direct access to SCOR SE's Board of Directors in conformance with article L. 322-3-2 of the French Insurance Code. This procedure involves the key function holder, the Chairman of the Board of Directors and if the matter requires it the Chairman of the relevant Board Committee, and ultimately the Board of Directors. This procedure was approved by SCOR SE's Board of Directors on November 3, 2015.

#### Designation, fit and proper requirements and notification requirement

SCOR SE's key function holders are designated by the CEO of SCOR SE. They are subject to specific Fit and Proper requirements which are set out in the Group Fit and Proper Policy (see Section B.2 – Fit and proper requirements). Upon designation, key function holders are notified to the ACPR.

#### Access to information and records

Key function holders are able to communicate on their own initiative with any staff member and to obtain access to any relevant information to carry out their responsibilities. In the event Group key function holders face difficulties in accessing relevant information, they shall refer the issue to the CEO of SCOR SE for arbitration.

#### Interaction with other key function holders

The key function holders shall interact with one another, especially in order to exchange information relevant to each other's areas of competence.

For further information on these interactions, refer to the respective dedicated below sections, in particular Section B.3 – Risk management system including the Own Risk and Solvency Assessment (ORSA), Section B.4 – Internal control system, Section B.5 – Internal Audit and Section B.6 – Actuarial function.

## B.1.3.3. GOVERNANCE OF SCOR GLOBAL P&C DIVISION AND SGP&C SE

### Overview of the SCOR Global P&C division

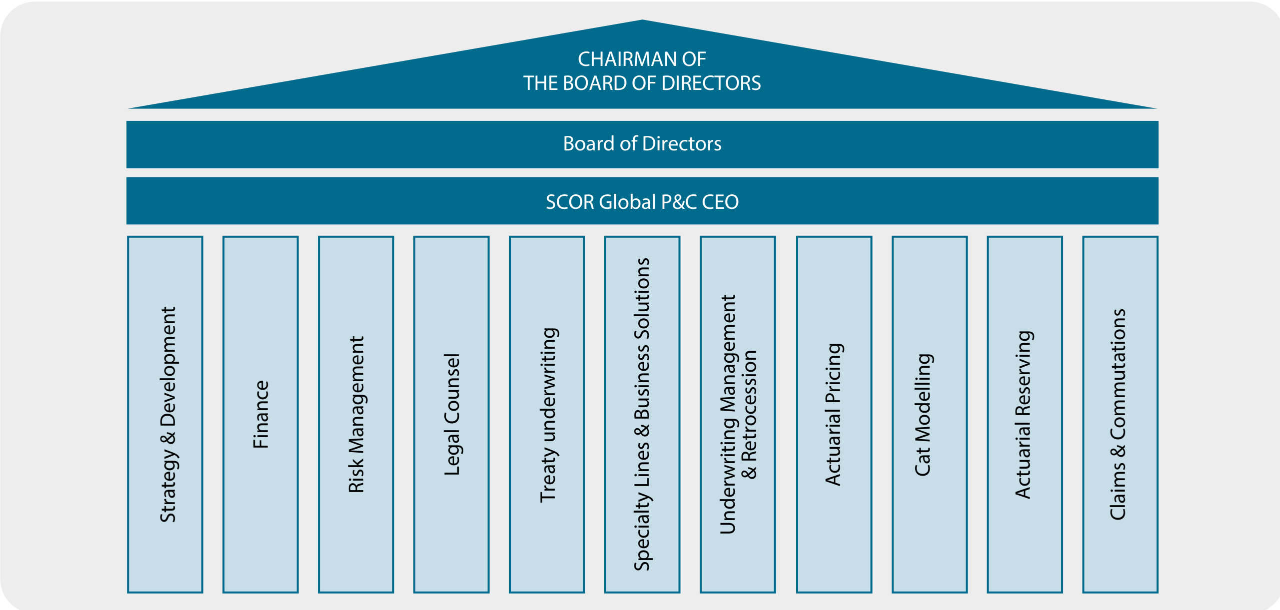
The P&C division covers all P&C business written within the SCOR Group.

For more details please see Section B.1.2.3 – Divisions and group functions.

The legal structure underpinning the SCOR Group and the SCOR Global P&C division is described in Chapter A – Business and performance of this report.

### Governance of the SCOR Global P&C division

The following chart represents a graphical overview of the division's corporate governance structure:




#### Division CEO and deputy CEO

The CEO of the P&C division also holds the position of CEO of SCOR Global P&C SE. He is assisted by a deputy CEO of the P&C division. The CEO of the P&C division steers the activities of the division.

#### SGP&C Management Team and Management Committees

The CEO of the P&C division is supported by the SGP&C Management Team.

The SGP&C CEO may have additional Committees or advisory bodies set up, either as part of the SGP&C Leadership Team, or as separate committees as considered appropriate by the CEO, on a regular or ad hoc basis, in order to obtain appropriate support in specific business matters relating to SGP&C SE or the SGP&C division.

These committees include:

- Reserving Committee;
- Risk and Capital Committee;
- Cat Committee.

### Governance of SGP&C SE

#### Legal form and fundamental rules of governance

SCOR Global P&C SE is a European Company (*Societas Europaea*) incorporated in France, with its registered office located 5 avenue Kleber 75016 Paris and registered with Paris Commercial Register under the number 352 980 619 RCS Paris. Pursuant to a decision of the Comité des Entreprises d'Assurance dated July 15, 2008, the Company holds a license to operate in P&C Non-Life and Life reinsurance in France and is overseen by the Autorité de Contrôle Prudentiel et de Résolution (the "ACPR"). SGP&C SE is also authorized to operate:

- within the European Union pursuant to the European passporting regulation;
- in other countries where the Company has obtained licenses to write reinsurance business or where operating in reinsurance is not subject to a license.

The Company's bylaws and the internal regulations of SCOR P&C SE's Board of Directors set forth the fundamental rules of its governance and inter alia the structure, composition and organization of the SCOR P&C SE's Board of Directors as well as the duties and responsibilities of the directors.

## Board of Directors

### *Missions, duties and responsibilities*

The missions, duties and responsibilities of SGP&C SE's Board of Directors, the rules governing its composition and its operations, as well as the rights and obligations of directors derive from applicable laws and regulations, the Company's bylaws and the SGP&C SE Board Internal Regulations.

In accordance with European law governing European Companies and applicable French law, the main responsibility of the Board of Directors is to determine the guiding principles of the Company's business plan and strategy and to monitor their application. With the exception of powers explicitly reserved to shareholders in Shareholders' Meetings and within the limits of the corporate purpose, SGP&C SE's Board addresses any matters related to the Company's performance. It presents the year-end accounts of the Company to the shareholders, proposes the dividends and convenes the shareholders' meetings of the Company. It designates the CEO and the other persons effectively running the Company. It meets with the key function holders for SGP&C SE at least annually. It takes part in the sound and prudent management of the Company. It approves the Own Risk and Solvency Assessment ("ORSA") report and takes it into account when it makes any decision likely to have a significant impact on the Company. It approves certain policies as well as the SFCR and RSR reports. The Board also carries out the verifications and controls it deems necessary.

### *Composition of the Board of Directors*

Members of SGP&C SE's Board of Directors are appointed or dismissed by a decision of the General Meeting of the shareholders.

SCOR Global P&C SE's bylaws provide that SGP&C SE's Board of Directors is composed of no fewer than three (3) and no more than eighteen (18) members.

Directors are subject to Fit and Proper requirements as detailed in Section B.2 – Fit and proper requirements.

Directors are required to comply with applicable law and SCOR Global P&C SE's bylaws.

Under French laws and regulations, directors are liable for violations of French legal or regulatory requirements applicable to *Societas Europaea*, violation of a company's bylaws or mismanagement (faute de gestion). Directors may be held liable for such actions both individually and jointly with the other directors.

### *Operations of the Board of Directors*

The convening procedures, the holding of meetings and other details of SGP&C SE's Board of Directors operations are set by the applicable laws and regulations, by the bylaws of SCOR Global P&C SE and by its internal regulations.

## Chairman of the Board

The Board members elect a Chairman of the SGP&C SE Board.

The Chairman is responsible for organizing and directing the work of SGP&C SE's Board of Directors, and reports thereon to the Annual Ordinary Shareholders' Meeting.

## Chief Executive Officer ("CEO")

Responsibility for the General Management of the Company lies with the SGP&C SE CEO, who according to SCOR Global P&C SE's bylaws may be the Chairman of the Board of Directors or another individual elected by the Board of Directors and bearing the title of Chief Executive Officer (CEO).

According to French law, the CEO is vested with the most extensive powers to act on behalf of the company in all circumstances. He is granted with all necessary responsibilities by the Board of Directors to fulfil the functions and tasks in conjunction with the General Management of the Company and represents SCOR Global P&C SE at all times towards third parties. His exercise of such powers and responsibilities is limited to the corporate purpose of the Company and is subject to the powers specifically conferred to the Board of Directors or the Shareholders' Meeting as per legal or regulatory provisions or the bylaws of the Company.

Within the Company, delegations of authorities, including underwriting authorities and guidelines, are overseen by the CEO.

The CEO is responsible for defining and implementing the global strategy and objectives of the Company, in line with the Group strategy and objectives, and exercises the General Management of the entire business of the Company, branches and representative offices. He has overall management responsibility for the organizational, operational and financial performance of the Company.

## Executive Management Committees

A number of Executive Management Committees have been put in place which facilitate bottom-up reporting and the coordination of the action of all major functional entities of the P&C division.

The scope of these committees includes SCOR Global P&C SE.

## Four-eyes principle

Pursuant to Article L. 322-3-2 of the French Insurance Code, the Company must apply the "Four Eyes Principle", which specifies that it must be effectively run by at least two persons.

The "persons effectively running" SGP&C SE are subject to Fit and Proper requirements as set out by the Group Fit & Proper policy (see Section B.2 – Fit and proper requirements).

The Chairman of the Board of SGP&C SE was designated by the Board of SGP&C SE as a person effectively running SGP&C SE in addition to the CEO of SGP&C SE on December 15, 2015. The Group Executive Committee regularly gives its sign-off for significant decisions prior to being taken and implemented, should they relate to strategy, business, investments, finance, risks or other operations. Since all persons effectively running SCOR Global P&C SE belong to the Group Executive Committee, this ensures compliance with the "Four Eyes Principle".

## Absence or impediment of a person effectively running the Company

In the event of absence or impediment of a person effectively running SCOR Global P&C SE for more than two months, due to death, critical illness or any other cause, resulting in the inability of that person to perform his/her duties, the Board of Directors shall be convened within one month to designate a temporary or a permanent replacement as person effectively running the Company so as to ensure the continuity of the effective management of the Company. The Compensation and Nomination Committee of SCOR SE maintains a list of proposed immediate replacements for each person effectively running SCOR Global P&C SE in order to facilitate swift decision-making in such event.

#### Key functions

Key functions are conducted at SGP&C SE level under the responsibility of SGP&C SE's key function holders.

Key functions for SCOR Global P&C SE may be (if only partially) outsourced to other entities, in accordance with the rules set in the Group Outsourcing Policy which also applies to SGP&C SE. See Section B.7 – Outsourcing for further details.

##### *Roles and responsibilities*

For further information on the roles and responsibilities of the key function holders, see the dedicated sections below, in particular Section B.3 – Risk management system including the Own Risk and Solvency Assessment (ORSA), Section B.4 – Internal control system, Section B.5 – Internal Audit and Section B.6 – Actuarial function.

##### *Freedom from influence*

SCOR Global P&C SE's key function holders carry out their duties in an objective, fair and independent manner. They shall be free from any influence that could impair the performance of their duties.

They operate under the ultimate responsibility of the Chief Executive Officer, through their management lines.

Each of the key function holders designated for SGP&C SE has a sufficiently high rank in the organization and is in a position to conduct his/her activities in an independent manner. The standing and the authority of the key function holders in the main management governing bodies of relevance in their role allow them to execute their mission with the required level of independence set forth by the French Insurance Code. In addition, the key function holders interact with Board members and with the persons effectively running the company on a regular basis.

##### *Access to the Board*

The key function holders are heard, at least once a year, by the Board of Directors of SCOR Global P&C SE.

Besides, the he Board of Directors may hear the key function holders at its discretion.

Moreover, the key function holders have a direct access to SGP&C SE's Board of Directors in accordance with Article L. 322-3-2 of the French Insurance Code. This procedure involves the key function holders and the Chairman of the Board of Directors. This procedure was approved by SGP&C SE's Board of Directors on December 15, 2015.

##### *Designation, fit and proper requirements and notification requirement*

SCOR Global P&C SE's key function holders are designated by the CEO. They are subject to specific Fit and Proper requirements which are set out in the Group Fit and Proper Policy (see Section B.2 – Fit and proper requirements). Upon designation, key function holders are notified to the ACPR.

##### *Access to information and records*

Key function holders are able to communicate upon their own initiative with any staff member and to obtain access to any relevant information to carry out their responsibilities. In the event that key function holders face difficulties in accessing relevant information, they shall refer the issue to the CEO of SCOR Global P&C SE for arbitration.

##### *Interaction with other key function holders*

Key function holders shall interact with one another, especially in order to exchange information relevant to each other's areas of competence.

In order to facilitate and formalize these interactions, quarterly meetings are held by the key function holders.

For further information on such interactions, see the respective dedicated sections below, in particular Section B.3 – Risk management system including the Own Risk and Solvency Assessment (ORSA), Section B.4 – Internal control system, Section B.5 – Internal Audit and Section B.6 – Actuarial function.

## B.1.3.4. GOVERNANCE OF SCOR GLOBAL LIFE DIVISION AND SGL SE

### Overview of the SCOR Global Life division

The Life division covers all Life and Health business within the SCOR Group. This includes mortality, morbidity, longevity, financial solutions, accident and health.

For further details, see Section B.1.2.3 – Divisions and group functions.

The legal structure underpinning the SCOR Group and the SCOR Global Life division is described in Chapter A – Business and performance of this report.

### Governance of the SCOR Global Life division

#### Division CEO and deputy CEO

The CEO of the Life division also holds the position of CEO of SGL SE. He is assisted by a deputy CEO.

#### SGL Senior Management Team and Management Committees

The CEO of the Life division is supported by the SGL Executive Leadership Team and Senior Management Team.

The CEO may have additional Committees or advisory bodies set up as deemed appropriate which facilitate bottom-up reporting, the coordination of the action of all major functional entities of the Life division and the preparation of the work of the division. These committees include:

- SGL Risk Committee;
- SGL Investment Committee;
- SGL Reserving Committee.

## Governance of SGL SE

### Legal form and fundamental rules of governance

SGL SE is incorporated in France, registered with the Paris Commercial Register under the number 433 935 558 RCS Paris. Pursuant to a decision of the Comité des Entreprises d'Assurance dated July 15, 2008, the Company holds a license to operate in Non-Life and Life reinsurance in France and is overseen by the Autorité de Contrôle Prudentiel et de Résolution (the "ACPR"). The Company is also authorized to operate:

- within the European Union pursuant to the European passporting regulation;
- in other countries where the Company has obtained local licenses to write reinsurance business or where operating in reinsurance is not subject to license.

The Company's bylaws and the internal regulations of SGL SE's Board of Directors set forth the fundamental rules of its governance.

### Board of Directors

#### *Mission of the Board of Directors*

In accordance with European law governing European Companies and applicable French law, the main responsibility of the Board of Directors is to determine the guiding principles of the Company's business plan and strategy and to monitor their application. With the exception of powers explicitly reserved to shareholders in Shareholders' Meetings and within the limits of the corporate purpose, SGL SE's Board addresses any matters related to the legal entity's performance and takes decisions regarding business issues concerning the Company. It designates the CEO and the persons effectively running the Company. It meets with the key function holders of SGL SE at least annually. It takes part in the sound and prudent management of the legal entity. It is informed each quarter by management of the financial position, cash position and commitments of the Company. In accordance with legal provisions, it approves the financial statements, proposes dividends, and makes investment and financial policy decisions. It approves the Own Risk and Solvency Assessment ("ORSA") report and takes it into account when making decisions likely to have a significant impact on the legal entity. It approves certain policies as well as the SFCR and RSR reports. The Board also carries out the verifications and controls deemed necessary.

#### *Composition of the Board of Directors*

Members of SGL SE's Board of Directors are appointed or dismissed by decision of the General Meeting of the shareholders.

SGL SE's bylaws provide that SGL SE's Board of Directors is composed of no fewer than three (3) and no more than eighteen (18) members.

Directors are subject to Fit and Proper requirements as detailed in Section B.2 – Fit and proper requirements.

#### *Directors' duties*

Directors are required to comply with applicable law and SCOR Global Life SE's bylaws.

Under French laws and regulations, directors are liable for violations of French legal or regulatory requirements applicable to *Societas Europaea*, violation of a company's bylaws or mismanagement (faute de gestion). Directors may be held liable for such actions both individually and jointly with the other directors.

Each director has a loyalty obligation towards the Company. He or she shall not act in his or her own interest, against SGL SE's interests, and must avoid any situation with risks of conflict of interests.

#### *Functioning of the Board of Directors*

The convening procedures, the holding of meetings and other details of SGL SE's Board of Directors operations are set by the applicable laws and regulations, by the bylaws of SGL SE and by its internal regulations.

### Chairman of the Board

The Board members elect a Chairman of SGL SE's Board.

The Chairman is responsible for organizing and directing the work of SGL SE's Board of Directors and reports thereon to the Annual Ordinary Shareholders' Meeting.

### Chief Executive Officer ("CEO")

#### *Duties and responsibilities of the CEO*

Responsibility for the General Management of SGL SE lies with the CEO, who according to SGL SE's bylaws may be the Chairman of the Board of Directors or another individual elected by the Board of Directors and bearing the title of Chief Executive Officer (CEO).

According to French law, the CEO is vested with the most extensive powers to act on behalf of the company in all circumstances. He is granted with all necessary responsibilities by the Board of Directors to fulfil the functions and tasks in conjunction with the General Management of the Company and represents SGL SE at all times towards third parties. His exercise of such powers and responsibilities is limited to the corporate purpose of the Company and is subject to the powers specifically conferred to the Board of Directors or the Shareholders' Meeting as per legal or regulatory provisions or the bylaws of the Company.

The CEO is responsible for defining and implementing the global strategy and objectives of the legal entity, in line with the Group strategy and objectives, and exercises the General Management of the entire business of SGL SE, branches and representative offices. He has overall management responsibility for the organizational, operational and financial performance of the Company.

### Executive Management Committees

A number of Executive Management committees have been put in place which facilitate bottom-up reporting and the coordination of the action of all major functional entities of the Life division.

The scope of these committees includes SGL SE.

### Four-eyes principle

Pursuant to Article L. 322-3-2 of the French Insurance Code, the legal entity must apply the "Four Eyes Principle", which specifies that it must be effectively run by at least two persons.

The "persons effectively running" SGL SE are subject to Fit and Proper requirements as set out by the Group Fit & Proper policy (see Section B.2 – Fit and proper requirements).

The Chairman of the Board of SGL SE was designated by the Board of SGL SE as a person effectively running SGL SE in addition to the CEO of SGL SE on September 23, 2015. The Group Executive Committee regularly gives its sign-off for significant decisions prior to being taken and implemented, should they relate to strategy, business, investments, finance, risks or operations. Since all persons effectively running SGL SE belong to the Group Executive Committee, this ensures compliance with the "Four Eyes Principle".

### Absence or impediment of a person effectively running the Company

In the event of absence or impediment of a person effectively running SGL SE for more than two months, due to death, critical illness or any other cause, resulting in the inability of that person to perform his/her duties, the Board of Directors shall be convened within one month to designate a temporary or a permanent replacement as person effectively running the Company so as to ensure the continuity of the effective management of the Company. The Compensation and Nomination Committee of SCOR SE maintains a list of proposed immediate replacements for each person effectively running SGL SE in order to facilitate swift decision-making in such event.

### Key functions

The four key governance functions defined by the French Insurance Code contribute to the implementation of an effective system of governance that provides for sound and prudent management.

Key functions are conducted at SGL SE level under the responsibility of SGL SE's key function holders.

Key functions for SGL SE may be (if only partially) outsourced to other entities, in accordance with the rules set in the Group Outsourcing Policy which also applies to SGL SE. See Section B.7 – Outsourcing for further details.

#### *Roles and responsibilities*

For further information on the roles and responsibilities of the key function holders, please refer to the dedicated sections below, in particular Section B.3 – Risk management system including the Own Risk and Solvency Assessment (ORSA), Section B.4 – Internal control system, Section B.5 – Internal Audit and Section B.6 – Actuarial function.

#### *Freedom from influence*

SGL SE's key function holders carry out their duties in an objective, fair and independent manner. They shall be free from any influence that could impair the performance of their duties.

They operate under the ultimate responsibility of the Chief Executive Officer, through their management lines.

Each of the key function holders designated for SGL SE has a sufficiently high rank in the organization and is in a position to conduct his/her activities in an independent manner. The standing and the authority of the key function holders in the main management governing bodies that are relevant with respect to their role allow them to execute their tasks with the level of independence required set forth by the French Insurance Code. In addition, the key function holders interact with Board members and with the persons effectively running SGL SE on a regular basis.

#### *Access to the Board*

The key function holders meet, at least once a year, with the Board of Directors of SGL SE.

Besides, the Board of Directors may also contact the key function holders at its discretion.

Moreover, the key function holders have direct access to SGL SE's Board of Directors in accordance with Article L. 322-3-2 of the French Insurance Code. This procedure involves the key function holder and the Chairman of the Board of Directors. This procedure was approved by SGL SE's Board of Directors on December 15, 2015.

#### *Designation, fit and proper requirements and notification requirement*

SGL SE's key function holders are designated by the CEO. They are subject to specific Fit and Proper requirements which are set out in the Group Fit and Proper Policy (see Section B.2 – Fit and proper requirements). Upon designation, key function holders are notified to the ACPR.

#### *Access to information and records*

Key function holders are able to communicate on their own initiative with any staff member and to obtain access to any relevant information to carry out their responsibilities. In the event that key function holders face difficulties in accessing relevant information, they shall refer the issue to the CEO of SGL SE for arbitration.

#### *Interactions with other key function holders*

Key function holders shall interact with one another, especially in order to exchange information relevant to each other's areas of competence.

For further information on such interactions, see the respective dedicated sections below, in particular Section B.3 – Risk management system including the Own Risk and Solvency Assessment (ORSA), Section B.4 – Internal control system, Section B.5 – Internal Audit and Section B.6 – Actuarial function.

## B.1.4. MATERIAL CHANGES IN GOVERNANCE IN 2017

### B.1.4.1. MATERIAL CHANGES AT GROUP AND SCOR SE LEVEL

At the end of 2017, the Board of SCOR SE created a Corporate & Social Responsibility Committee. For information on this committee, see Section B.1.3.2 – Governance of SCOR SE.

For information on changes to key functions designated since 2016, see the dedicated sections, in particular Section B.3 – Risk management system including the Own Risk Solvency Assessment (ORSA), Section B.4 – Internal Control System, Section B.5 – Internal audit and Section B.6 – Actuarial function.

### B.1.4.2. MATERIAL CHANGES AT SGP&C SE LEVEL

There was no material change at SGP&C SE level to its corporate governance system in 2017 compared to 2016.

For information on changes to key functions designated in 2016, see the dedicated sections below, in particular Section B.3 – Risk management system including the Own Risk Solvency Assessment (ORSA), Section B.4 – Internal control system, Section B.5 – Internal Audit and Section B.6 – Actuarial function.

### B.1.4.3. MATERIAL CHANGES AT SGL SE LEVEL

There was no material change at SGL SE level to its corporate governance system in 2017 compared to 2016.

For information on changes to key functions designated in 2016, see the dedicated sections below, in particular Section B.3 – Risk management system including the Own Risk Solvency Assessment (ORSA), Section B.4 – Internal Control System, Section B.5 – Internal Audit and Section B.6 – Actuarial function.

## B.1.5. MATERIAL TRANSACTIONS WITH SHAREHOLDERS, PERSONS WHO EXERCISE SIGNIFICANT INFLUENCE OR MEMBERS OF THE AMSB

### B.1.5.1. MATERIAL TRANSACTIONS AT GROUP LEVEL

The transactions below have been entered into by the entity SCOR SE as the ultimate parent of SCOR Group. They apply to SCOR as a Group – i.e. involving other entities of the Group – and/or to SCOR SE.

#### Material transactions with shareholders

For the purpose of this section, SCOR SE takes into account shareholders who are submitted to the obligation to declare their shareholding to the Company pursuant to SCOR SE's bylaws, i.e. shareholders holding 2.5% or more of the share capital of SCOR SE.

On the basis of this criterion, SCOR SE has had no material transactions with shareholders during the reporting period.

#### Material transactions with persons who exercise a significant influence

##### Related party transactions according to the IFRS accounting standard IAS 24

Parties are considered to be related if one party has the ability to directly or indirectly control the other party or exercises significant influence over the other party in making financial or operational decisions.

The Group's related parties include:

- Key management personnel, close family members of key management personnel, and all entities which are controlled, significantly influenced by, or for which significant voting power is held by key management personnel or their close family members;
- Associates.

The Group has several business relationships with related parties. Transactions with such parties are made in the ordinary course of business and on substantially the same terms and conditions including interest rates and collateral as those prevailing at the same time for comparable transactions with other parties.

Transactions with associates for the financial year ended December 31, 2017 were realized on an arm's length basis and their volume is not material.

Key management personnel are those individuals having responsibility and authority for planning, directing and controlling the activities of the Group. The Group considers that the members of the Executive Committee and the Board constitute key management personnel for the purposes of IAS 24.

##### Agreements and commitments related to the remuneration entitlements of SCOR's Chairman and CEO

The following agreements and commitments which were approved in prior years by the General Meeting remained current during the year, subject to several amendments.

- Severance payments likely to be owed upon termination office;
- Additional Retirement Plan.

See Section B.1.6.3 – Main components of the compensation policy by staff category – Performance criteria.

For more information, see Sections 2.3.2 – Related party transactions and agreements and 2.3.3 – Special report of the statutory auditors on related party agreements and commitments of the 2017 Registration Document.

#### Material transactions with members of the AMSB (Administrative Management Supervisory Board)

See Section B.1.6.3 – Main components of the compensation policy by staff category.

### B.1.5.2. MATERIAL TRANSACTIONS AT SCOR SE LEVEL

All material transactions with shareholders reported at Group level are concluded by SCOR SE, as the ultimate parent of the Group. See Section B.1.5.1 – Material transactions at Group level for further information on such transactions.

### B.1.5.3. MATERIAL TRANSACTIONS AT SGP&C SE LEVEL

#### Material transactions with shareholders

SCOR GLOBAL P&C SE Paris retrocedes 50% and SCOR GLOBAL P&C SE Zurich retrocedes 25% of their net retained business portfolios to SCOR SE under the 50% quota share internal retrocession agreement with SCOR SE.

This is a one-year agreement and it is renewed automatically if not terminated.

### B.1.5.4. MATERIAL TRANSACTIONS AT SGL SE LEVEL

#### Material transactions with shareholders

SGL SE retrocedes 50% of its net retained business from the Madrid, Milan and Paris portfolios to SCOR SE under a 50% quota share internal retrocession agreement. All reserves are retroceded to SCOR SE on a funds withheld basis.

This is a one-year agreement and it is renewed automatically if not terminated.

## B.1.6. COMPENSATION POLICY AND PRACTICES REGARDING THE MEMBERS OF THE ADMINISTRATIVE, MANAGEMENT OR SUPERVISORY BODIES AND EMPLOYEES

### B.1.6.1. COMPENSATION POLICY OF THE MEMBERS OF THE BOARD OF DIRECTORS

Within SCOR SE, directors' fees are allocated partly in one fixed sum of EUR 28,000 annually in four equal instalments at the end of each quarter with an additional EUR 10,000 per year for non-French directors, and partly based on the effective presence of the directors at the meetings of the Board of Directors and of its Committees, in an amount equal to EUR 3,000 per Board or per Committee meeting they attend, except for the Chairpersons of the Audit Committee, Risk Committee, Compensation and Nomination Committee and Corporate and Social Responsibility Committee, who receive an amount equal to EUR 6,000 for each meeting of the committee that they chair.

Moreover, the individual members of the Board of Directors, with the exception of the Chairman and Chief Executive Officer and the employee director, received EUR 10,000 in SCOR shares on September 19, 2017.

With the exception of the Chairman of the Board of Directors and the employee director, the members of the Board of Directors are not entitled to stock option plans for the subscription or the purchase of shares nor to stock allotment plans from the Company and no retirement contribution or commitment has been paid or made for their benefit.

### B.1.6.2. GENERAL PRINCIPLES OF THE GROUP COMPENSATION POLICY

SCOR pursues a human capital policy that is in line with the Group's corporate values, strategic plan and risk appetite. SCOR is committed to:

- maintaining a compensation policy that is fully in line with its controlled risk appetite and discourages taking excessive risks;
- aligning management incentives with shareholder value objectives;
- having an innovative compensation policy which meets the long-term horizon that is part of SCOR's internal model;
- motivating and retaining its pool of talent and having a compensation policy aligned with human capital development;
- fully complying with the regulations and guidelines defined by regulators as regards the compensation policy.

In order to achieve such objectives, SCOR has established a very structured and transparent compensation policy, within an overall framework. It is reviewed and submitted to the Compensation and Nomination Committee and then to the Board of Directors for approval at least once annually. It was last updated in October 2017.

The Compensation and Nomination Committee's competencies focus on the compensation of the Chairman and CEO. It is informed of the compensation of the Group Executive Committee. In addition, it makes recommendations to the Board regarding the approval of SCOR's share award and option programs. This committee is, as a rule, composed of a majority of independent directors.

SCOR has established a "Partners"[(1)] program. This program which is specific and selective includes information sharing, career development and compensation schemes. There are four main Partner levels: Associate Partners (AP), Global Partners (GP), Senior Global Partners (SGP), and Executive Global Partners (EGP). Partners represent around 25% of the global workforce. The Company has a formal and carefully designed procedure for appointing and promoting Partners. Appointments take place every year during an Executive Committee meeting. Candidates must have consistently demonstrated their skills, leadership and commitment in the past. As December 31, 2017, the proportions of partners by level is as follows: EGPs: 2%, SGPs: 8%, GPs: 32%, APs: 58%.

(1) The Partners are key executives, managers, experts, and high potentials formally identified across the Group. Partners are given specific responsibilities in terms of significant achievements, high impact project management and leadership. Therefore, they benefit from a specific and selective program in terms of information sharing, career development and compensation schemes.

## B.1.6.3. MAIN COMPONENTS OF THE COMPENSATION POLICY BY STAFF CATEGORY

### Overall compensation components

| Staff member category | Fixed compensation | Variable compensation *In cash* | Share-based plans | Pension plan |
|---|---|---|---|---|
| Chairman and Chief Executive Officer[(1)] | ✓ | ✓ | Free shares, Stock options, LTIP[(3)] | ✓ |
| Group Executive Committee members[(2)] | ✓ | ✓ | Free shares, Stock options, LTIP | ✓ |
| Partners | ✓ | ✓ | Free shares, Stock options[(4)] LTIP | ✓ |
| Non partners | ✓ | ✓ | Free shares | ✓ |

*(1) As a member of the Board of Directors, the Chairman and Chief Executive Officer receives directors' fees.*
*(2) The Executive Committee includes the CEOs of SGP&C SE and SGL SE, who are the persons effectively running the Group and SCOR SE, SGP&C SE and/or SGL SE in addition to the Chairman and CEO of SCOR SE. Executive Committee members do not receive directors' fees in respect of their directorships in companies in which SCOR holds more than 20% of the capital.*
*(3) Long Term Incentive Plan (LTIP).*
*(4) Only Executive Global Partners and Senior Global Partners are awarded stock options.*

Depending on the country, employees may also receive other benefits such as health coverage and profit sharing.

### Fixed compensation

As a global Group with three Hubs located in the world's major financial centers, SCOR pays attractive base salaries in order to be a competitive player on the job market and attract talent. SCOR's compensation is benchmarked against local markets at least every two years.

Base salaries are set according to criteria that consider a variety of factors, such as conditions on the local labor market, education and professional experience before joining SCOR, expertise acquired, and the present position and responsibilities of the employee.

SCOR reviews base salaries on a yearly basis to reward individual performance as well as when new responsibilities are taken on by the job holder. An inflation adjustment is not applied automatically as a general rule and is only granted in the few countries where it is legally required.

### Variable cash compensation

#### Partners

The Partners' cash bonuses are computed on the basis of a percentage of the reference salary. This total percentage ranges from 20% to 100% and increases with seniority in the partnership level. The percentage has two components. The main component (except for EGP's bonuses for whom the individual and collective components are split equally) is directly linked to the individual performance rating. The pay out with respect to each component is subject to meeting certain requirements. The payout on the individual component can range from zero (insufficient performance) to 150% (exceeds expectations). The second component is collective and based on the return on equity (ROE) achieved by SCOR in the previous financial year. The payout on the collective component can range from zero (ROE below 30% of the target) to 130% (ROE equal to or above 130% of the target).

The weighting of the individual and collective components is set to better reward the achievement of individual goals at Associate, Global and Senior Global Partner level. Partners can also benefit from an exceptional contribution bonus (ECB) ranging from 0% to 50% of the individual portion of the bonus awarded as a result of a strong contribution to the success of strategic projects or to key strategic achievements.

#### Other employees

For employees who are not Partners, the SCOR cash bonus rewards individual performance over the previous year. The bonus varies from 0% to 6% of the annual base salary depending on the rating received in the individual appraisal by the employee's direct superior. This scale is increased by a multiplier (2 or 3) in some locations in order to take into account specific local labor markets.

Non Partners are also eligible for the exceptional contribution bonus, ranging from 0% to 6% of the annual reference salary (the multiplier of two or three mentioned above does not apply to the ECB).

### Share-based compensation

SCOR launched the free share and stock option program in 2004 as a means to encourage the retention of, and to strengthen the bond with, executives, managers and talented employees.

Shares and options can only be granted if the Annual General Meeting of Shareholders approves the resolutions to this effect presented by the Board of Directors.

By delegation of the Annual General Meeting of Shareholders, the Board of Directors determines how shares and stock options will be allocated to key personnel within SCOR.

In 2011, the Board of Directors decided to implement a new compensation scheme (Long-term Incentive Plan, "LTIP") for selected managers and executives of the Group in order to:

- ensure retention of its key employees while extending the performance measurement period;
- involve SCOR's key employees in the Group's long-term development.

#### Partners

The allocation of free shares and stock options to Partners is primarily designed to retain and create loyalty amongst key Group employees. An allocation will not necessarily occur every year and not every Partner is guaranteed an allocation.

The vesting of shares and options is subject to satisfying the condition of presence (three to six years depending on the nature of the plan) and performance conditions fully aligned with the objectives of the strategic plan (ROE and Solvency ratio). Moreover, beneficiaries must fully comply with the Group's Code of Conduct (clawback policy). For more information on the performance conditions of 2017 plans, see Section 2.2.3.4 – Plans providing employee profit sharing of the 2017 Registration Document.

#### Other employees

Free shares may be granted to employees who are not Partners under collective plans that do not include any performance conditions. In addition, under specific circumstances, performance shares can also be granted individually to certain employees who are not Partners.

### Pension plans

While respecting national differences, SCOR offers attractive pension plans to its employees that also cover accident and disability in certain countries.

Although SCOR pension plans are not aligned globally, they are set up to meet local needs and legal requirements. They are calibrated in such a way as to allow for attractive total compensation packages.

Generally, SCOR uses defined contribution pension plans.

Senior executives and members of the Executive Committee who joined SCOR before June 30, 2008 and are employed in France, are entitled to a guaranteed capped pension plan conditional upon a minimum of five years of service with the Group, the payment of which is based on their average compensation over the last five years.

Executive Committee members who are not employed in France benefit from the collective pension schemes in place in their entity. They do not have access to any specific plans with the exception of members with Swiss contracts who benefit from a specific guaranteed pension plan similar to the one granted to Executive Committee members employed in France and hired before June 30, 2008.

For Executive Committee members under French contracts and hired before June 30, 2008 or under Swiss contracts, the amount of the additional pension guaranteed by the Group varies from 5% to 50% of the average compensation over the last five years, depending on seniority acquired in the Group at retirement. The additional pension guaranteed by the Group is calculated after deduction of the pensions paid out through the compulsory schemes and thus shall in no case exceed 45% of the benchmark compensation.

## B.1.6.4. COMPENSATION POLICY AND PRACTICES AT SCOR SE LEVEL

SCOR SE conforms strictly to Group policies with possible local adaptation in accordance with local regulations at branch level.

## B.1.6.5. COMPENSATION POLICY AND PRACTICES AT SGP&C SE LEVEL

SGP&C SE conforms strictly to Group policies with possible local adaptation in accordance with local regulations at branch level.

## B.1.6.6. COMPENSATION POLICY AND PRACTICES AT SGL SE LEVEL

SGL SE conforms strictly to Group policies with possible local adaptation in accordance with local regulations at branch level.

# B.2. FIT AND PROPER REQUIREMENTS

The Fit and Proper standards of the SCOR Group are embedded in the SCOR Group Fit and Proper policy. These standards consist of Fit and Proper principles, and criteria to be used to assess whether a person could be considered as Fit and Proper. The policy also includes an assessment process to be complied with. These elements are further detailed below.

## B.2.1. OBJECTIVES AND GENERAL PRINCIPLES

SCOR commits to high "Fit and Proper" standards.

Standards are adapted to the category of work performed by each individual.

A person is considered as Fit and Proper when he or she fulfils the following requirements at all times:

- his or her educational background, qualifications and professional experience are adequate to enable sound and prudent management (fitness) and;
- he or she is of good repute and integrity (propriety). SCOR assumes that an individual is proper if there is no obvious evidence suggesting otherwise. Some criminal, civil or disciplinary sanctions are antagonistic with meeting propriety requirements, with no possible remediation. Such sanctions can occur both in an individual's private life and professional activities.

Fit and Proper standards must be met at all times. Triggering events may require interim reassessments between annual evaluations.

## B.2.2. SCOPE OF SCOR'S FIT AND PROPER PRINCIPLES

Standards are adapted to the work performed by each individual. Fit and Proper standards are defined hereinafter for the following categories:

- category A: Board members (hereafter directors) and Chief Executive Officers of legal entities subject to the Solvency II Directive or where the Board includes external Board members. This category also includes "persons effectively running the company" under the Solvency II Directive;
- category B: key function holders (actuarial, internal audit, risk management and compliance) under the Solvency II Directive;
- category C: other staff.

Fit and Proper standards apply to each individual for the tasks assigned to them.

Fitness standards for Board members are assessed collectively: in particular, the SCOR SE Board is deemed to be fit if, for each subject matter, at least one member is individually fit.

## B.2.3. FITNESS CRITERIA

SCOR considers that fitness is an appropriate mix of:

- relevant educational background and qualifications;
- relevant knowledge and professional experience.

### B.2.3.1. EDUCATIONAL BACKGROUND AND QUALIFICATIONS

Although a high quality educational background is desired, professional experience may in some cases compensate for education gained in fields irrelevant to SCOR's activities. However, specific requirements may apply for selected individuals (e.g. Chief actuary).

SCOR expects individuals to hold the following qualifications:

| Applicable to | Qualification requirements |
|---|---|
| Category A<br>(directors, Chief Executive Officer and "persons effectively running the company") | **Master's degree or equivalent which relates at least to one of the following areas:**<br>• strategy or business management;<br>• finance;<br>• risk management;<br>• actuarial science;<br>• engineering;<br>• economy;<br>• law.<br>If an individual does not meet the above criteria, further consideration will be given to the individual's professional experience (see below). |
| Category B<br>(key function holders) | **Master's degree or equivalent**<br>If the diploma is not related to his/her field of professional activity, further consideration will be given to his/her professional experience (see below).<br>At Group level, the Chief Actuary, holder of the actuarial function, shall have appropriate formal actuarial qualifications and be a Fellow or Accredited Member of a recognized professional body (such as the Institute of Actuaries in France). |
| Category C<br>(other staff) | Qualification criteria are defined in the HR recruitment guidelines and/or the job profiles, depending on the position. |

## B.2.3.2. PROFESSIONAL EXPERIENCE

Professional experience in a field directly relevant to SCOR's activities or to the tasks assigned to the individuals is key.

SCOR's directors, CEOs and "other persons effectively running the company" are expected to have long-standing experience in their respective fields. When assessing the prior experience of an individual, consideration is given to such criteria: length of the former service, nature and complexity of the business where the position was held, former decision-making powers, responsibilities and number of subordinates.

Each individual must demonstrate:

| Applicable to | Qualification requirements |
|---|---|
| Category A<br>(directors, Chief Executive Officer and "persons effectively running the company") | **Board members:**<br>• a recently acquired relevant experience (within the last five years);<br>• at least one member must have relevant knowledge and professional experience in each of the following fields:<br>– understanding of (re)insurance markets,<br>– (re)insurance company strategy and business model,<br>– financial markets,<br>– regulatory framework,<br>– financial analysis,<br>– actuarial,<br>– risk management,<br>– governance,<br>– accounting;<br>**CEOs and "other persons effectively running the company":**<br>• a recently acquired five or more-year long relevant experience (within the last five years):<br>– in an insurance or reinsurance company or,<br>– in a field directly relevant to his/her field of responsibility. |
| Category B<br>(key function holders) | • A recently acquired relevant experience (within the last five years);<br>• the Actuarial key function holder shall have an appropriate; actuarial experience with an insurance or reinsurance company;<br>• the Risk Management key function holder shall have appropriate experience of risk management in the financial industry;<br>• the Compliance key function holder and the Internal Audit key function holder shall have appropriate experience in their field of responsibility (Audit, Finance, Law & Compliance, Underwriting, claims handling, etc.). |
| Category C<br>(other staff) | Professional experience criteria are defined in the HR recruitment guidelines, depending on the position. |

## B.2.4. PROPRIETY CRITERIA

### B.2.4.1. PROPRIETY ASSUMPTION

An individual may be considered as of good repute and integrity if there is no obvious evidence to suggest otherwise.

SCOR ensures, using the tools described in Section B.2.5 – Fit and proper assessment process, that there is no evidence of offenses that can adversely affect the good repute and integrity of this person. If evidence is gained of past behaviors casting doubt on an individual's good repute and integrity, remediation actions shall be taken as appropriate.

SCOR also takes actions to prevent conflicts of interest.

Proper considerations are relevant for all employees of an undertaking. However, any assessment needs to take into account their level of responsibility within the undertaking and will differ proportionately, according to whether or not, for example, they are "persons effectively running the company" or have other key functions.

### B.2.4.2. REMEDIATION

Some criminal, civil or disciplinary sanctions will preclude an individual from meeting propriety requirements (e.g. disciplinary penalties by supervisory authorities, non-petty criminal or civil penalties related to gross misconduct in the management of a company, commercial or professional activities, or related to his/her personal management such as money laundering, market manipulation, insider dealing and usury, any offences of dishonesty such as fraud or financial crime). Others may not.

If an individual is subject to pending legal proceedings that may eventually lead to such penalties, he must inform the company concerned.

Other circumstances than court decisions and ongoing judicial proceedings, which may cast doubt on the repute and integrity of the person, may also be considered (current investigations or enforcement actions, imposition of administrative sanctions for non-compliance with provisions governing banking, financial, securities or insurance activity, securities markets, securities or payment instruments).

The following factors are taken into account to waive an impropriety ban: the seriousness of, and circumstances surrounding the offence, the explanation presented by the individual, the relevance of the offence to the proposed role, the passage of time since the offence was committed and evidence of the individual's rehabilitation, the level of appeal (definitive vs. non-definitive convictions) and the person's subsequent conduct.

### B.2.4.3. TIME AVAILABILITY

Time availability must also be ensured: individuals holding concurrently several responsibilities/roles must have appropriate time to dedicate to the functions under the scope of SCOR's Fit and Proper policy.

## B.2.5. FIT AND PROPER ASSESSMENT PROCESS

The assessment process shall allow SCOR to ensure that persons/bodies subject to Fit and Proper requirements fulfil the above criteria both before and after their appointment to the position under the scope of the Fit & Proper policy.

The main stakeholders of the initial assessment process are listed below:

| Applicant to | Assessor |
|---|---|
| Board/Chief Executive Officer/Other "persons effectively running the company" | • Board(1);<br>• Corporate Secretary with the support of Human Resources for applicants who are also SCOR employees. |
| Key function holders | • Chief Executive Officer;<br>• Human Resources. |

*(1) With prior analysis by the Compensation and Nomination Committee when it exists.*

According to the applicant level, the identified assessors are in charge of:

- collecting supporting documents about the applicant (e.g. CV), including the Fit and Proper assessment form;
- deciding if the applicant complies with the "Fit & Proper" requirements.

Each year, the Corporate Secretary/HR department update their information with the annual fit and proper questionnaire collected from directors, CEOs and other "persons effectively running the company" and key function holders.

Furthermore, when the Corporate Secretary/HR department receives notification of any changes affecting an individual's propriety, it updates the latest assessment.

Some specific situations trigger a re-assessment of the fitness and propriety of a person: reasons to believe that a person will impede the undertaking from pursuing the business in a way that is consistent with applicable legislation, reasons to believe that a person will increase the risk of financial crime, e.g. money laundering or financing of terrorism, reasons to believe that sound and prudent management of the business of the undertaking is at risk.

### B.2.6. SCOR SE – INFORMATION ON FIT AND PROPER REQUIREMENTS

SCOR SE complies strictly with the Group's Fit and Proper policy, as described in the section above, with possible local adaptation in accordance with local regulations at branch level.

### B.2.7. SGP&C SE – INFORMATION ON FIT AND PROPER REQUIREMENTS

SGP&C SE complies strictly with the Group's Fit & Proper policy, as described in the section above, with possible local adaptation in accordance with local regulations at branch level.

### B.2.8. SGL SE – INFORMATION ON FIT AND PROPER REQUIREMENTS

SGL SE complies strictly with the Group's Fit and Proper policy, as described in the above section, with possible local adaptation in accordance with local regulations at branch level.

## B.3. RISK MANAGEMENT SYSTEM INCLUDING THE OWN RISK AND SOLVENCY ASSESMENT (ORSA)

The risk management principles, mechanisms and processes, described hereafter, are defined at Group level and applied consistently across the Group, in line with the proportionality principle, without prejudice of further and/or more stringent requirements from local applicable laws or regulations or policies.

SCOR's risk management system is composed of two interconnected parts:

- the risk appetite framework, including risk appetite, risk preferences and risk tolerances;
- the Enterprise Risk Management (ERM) framework composed of various risk management mechanisms which help to ensure that the risk profile is dynamically optimized while remaining aligned with the risk appetite framework.

### B.3.1. RISK APPETITE FRAMEWORK

SCOR's risk appetite framework is an integral part of the Group's strategic plan. It is approved by the Board of Directors upon the review of new strategic plans, based on recommendations from the Group's Executive Committee and the Risk Committee of the Board of Directors. The Board of Directors may vary the amount and the composition of risk that the Group is prepared to take.

SCOR's risk appetite framework encompasses the concepts of risk appetite, risk preferences and risk tolerances.

This framework is defined for the Group as a whole. Where appropriate (i.e. for material entities or where regulations require), legal entities have their own Board approved risk appetites, preferences and tolerances with which to comply.

#### B.3.1.1. RISK APPETITE

Risk appetite defines the quantity of risk that SCOR wishes to accept to achieve a desired level of profitability. This determines where the Group wishes to position itself on the assumed risk-expected return spectrum, between extremely risk averse (low risk-low return) and extreme risk taker (high risk-high return). SCOR uses a target solvency ratio as well as a target expected profitability. These two components provide a comprehensive definition of its risk appetite. The Group's solvency ratio and the profitability profile are reported on a regular basis to the Board of Directors via the Risk Committee.

#### B.3.1.2. RISK PREFERENCES

Risk preferences are qualitative descriptions of the risks, which SCOR is willing to accept. Based on the risk appetite defined for the "Vision in Action" strategic plan launched in 2016, SCOR Group pursues an approach of thorough risk selection to optimize its risk profile and aims to:

- actively seek risks related to reinsurance and selected primary insurance;
- assume a moderate level of interest rate risk, credit risk, FX and other market risks;
- minimize its own operational and reputational risks;
- minimize underwriting of cedent's asset-related risks.

#### B.3.1.3. RISK TOLERANCES

The risk tolerances define the limits set out in order to ensure that the Group's risk profile remains aligned with the Group's risk appetite framework.

The Board of Directors defines and approves risk tolerance limits for the Group by risk driver, extreme scenario and investment, in order to ensure that the Group's risk profile remains aligned with its risk appetite framework. SCOR uses various risk assessment measures to verify that its exposures remain within these limits. These measures can take several forms depending on the technical constraints or the level of information available and are based on either internal model outputs, scenarios or expert opinions.

For further information on specific risk management strategies, processes and reporting on each risk category, see Chapter C – Risk Profile.

### B.3.2. ERM FRAMEWORK

The Risk Management function relies on an ERM framework composed of various risk management mechanisms as described in the following sections. These mechanisms are adapted to divisions and legal entities when appropriate. Some mechanisms are only relevant at Group or division level and are not implemented specifically at the legal entity level, in line with materiality principles.

#### B.3.2.1. INTERNAL ENVIRONMENT

The main tasks of the Group Risk Management Department (GRM) are to further develop the Enterprise Risk Management framework and promote an ERM culture within the Group so that risks are managed consistently within each department.

The Group Risk Management Department is supported in these tasks by the departments in charge of risk management at SCOR Global P&C, SCOR Global Life and SCOR Global Investments. Compliance with local regulations and constraints is ensured by Hub General Counsels.

Group business standards and practices are governed by Group policies and underlying guidelines established in a common format, by the three divisions and the central functions such as the Group Internal Audit Department and the functions managed by the Group Chief Financial Officer, the Group Chief Operating Officer and the Group Chief Risk Officer. Group policies are approved by the Group Executive Committee and for relevant topics are submitted on a regular basis to the relevant committees of the Board and, ultimately, to the Board of Directors of the Company. These Group policies are not intended to enumerate all the rules governing SCOR's activities in the different countries in which the Group operates, but rather to establish certain principles intended to ensure that SCOR Group companies and employees share a common understanding of the Group's standards and that they work in compliance with these standards. When approved, these documents are made available to employees on the SCOR intranet on a dedicated page.

See Section B.1 – General information on the system of governance for further details on SCOR's organization and governance structure.

#### B.3.2.2. SETTING OF OBJECTIVES

For several years, SCOR has implemented and formalized three-year strategic plans. On September 7, 2016, SCOR publicly presented "Vision in Action" its latest three-year strategic plan (2016 to 2019). "Vision in Action" is largely a continuation of SCOR's previous strategic plan, "Optimal Dynamics", representing in particular the Group's core objectives:

- a return on equity (ROE) equal to or greater than 800 basis points above the five-year risk-free rate over the cycle(1); and
- a solvency ratio in the optimal 185%-220% range(2).

The strategic plans establish the Group's risk appetite framework from which the Group's strategy stems.

(1) Based on a five-year rolling average of five-year risk-free rates.
(2) This solvency target is unchanged from that under the previous strategic plan, Optimal Dynamics.

The Executive Committee defines the procedures for implementing the strategy and reviews the consistency of the operational plans or policies (e.g. underwriting, finance, retrocession, information technology) with the strategic plan. The Executive Committee also ensures that there is an optimal risk-based allocation of capital and diversification. Under the responsibility of the Group Chief Risk Officer, the Capital Shield Strategy sets risk limits to ensure a protection of the Group's capital in line with the strategic plan's objectives. The Capital Shield Strategy is approved and monitored by the Group Risk Committee and the Board Risk Committee.

The clarity and detailed description of strategic objectives and their implementation within the Group facilitate the identification, evaluation and control of risks, whatever their nature (e.g. underwriting risk, market risk, and operational risk), possibly caused by these objectives.

### B.3.2.3. IDENTIFICATION AND ASSESSMENT OF RISKS

Several processes and tools for identifying and assessing risks have been implemented to approach risk from different angles and to deal with them in an exhaustive manner. These include:

- a risk information process: regular and comprehensive risk reporting is provided to the Group Risk Committee and the Board of Directors. This includes a quarterly "Group Risk Dashboard" which describes and assesses the major risks the Group is exposed to and assembles various risk assessments from different identification and assessment processes for all risk categories;
- a process for the monitoring of risk exposures compared to risk tolerances, i.e. the limits established in order to ensure that the Group's risk profile remains aligned with the risk level validated by SCOR SE's Board of Directors. The Group uses various risk measures to define these exposures, which are measured based on either model outputs and/or expert opinions, depending on the technical constraints and the level of information available. This includes:
  - the "risk driver" system that enables the Group to manage the annual aggregate exposure to each major risk. The objective is to avoid overconcentration of risk and hence maximize diversification benefits. For the majority of SCOR's risk drivers, the amount of post-tax retained annual exposure per main risk driver (with a probability of 1 in 200 years) is limited to a percentage of the Group's available capital. Other risk drivers have limits expressed in terms of reducing the Group's solvency ratio or duration for invested assets,
  - an "extreme scenario" system designed to prevent the Group's over-exposure to a single event. The amount of post-tax retained exposure to each defined extreme scenario (with a probability of 1 in 200 years) is limited to 10% of available capital,
  - sub-limits for invested assets,
  - limits per risk which are set in the underwriting and investment guidelines;
- "footprint scenarios", which aim to review and assess the potential impact of selected deterministic scenarios on the Group. This process provides an alternative perspective on the Group's exposures. Working groups dedicated to specific subjects are composed of experts across the Group and coordinated by the Group Risk Management Department with the support of the divisional Chief Risk Officers. These groups perform quantitative studies which are summarized in specific reports;
- an Emerging Risks process which is part of SCOR's ERM Framework and is linked to other risk management methods such as the use of "footprint scenarios". Potential emerging risks are identified and individual risk assessments are carried out by experts from SCOR Global P&C, SCOR Global Life and the Group functions. Significant emerging risks are then reported to SCOR's Executive Management and Board. SCOR, as a member of the CRO Forum, also actively participates and contributes to the CRO Forum Emerging Risks Initiative alongside other major insurers and reinsurers;
- the ORSA process (Own Risk Solvency Assessment), which provides the Group's Board and those of the legal entities (e.g. the EEA (re)insurance legal entities), the Group Executive Committee and senior management of these legal entities, with forward-looking information on the respective risk and capital positions of the Group and legal entities;
- SCOR's internal model, which is deeply embedded in SCOR's risk management system and contributes to the assessment of risks. SCOR uses its internal model for determining economic capital. Its results are used to implement SCOR's underwriting and asset management policies and guidelines.

Where relevant, the analyses from these processes are reported to the Group Risk Committee and to the Risk Committee of SCOR SE's Board of Directors (the "Board Risk Committee") and to the Board of Directors on a regular basis.

### B.3.2.4. MAIN CONTROL ACTIVITIES

Because of its activities, SCOR is exposed to many risks: reinsurance related risks, market risks and other risks (e.g. liquidity, rating). These risks are detailed in Chapter C – Risk profile. These activities rely on the control mechanisms including adequate reporting mechanisms to the main governance bodies throughout the Group.

This section summarizes the principal activities and participants of risk control for the following important areas:

- Group functions;
- activities related to reinsurance;
- asset management;
- accounting management.

The control activities described below are considered as the principal activities for controlling risks specific to those areas. In accordance with SCOR's internal control system approach, these control activities are performed on Group or Company level, on core business and investment process level, or on support process level.

## Group functions

The Group's functions are organized into three departments led by the Chief Operating Officer, Chief Financial Officer and Chief Risk Officers respectively. The Operations area comprises Information Technology, Human Resources, the General Secretariat (including the Compliance and Legal departments), the Group Project Office, Budgeting and Cost Control, and Corporate Communications. The Finance area comprises Treasury, Forecasting and other functions relating to controlling, consolidation, reporting, accounting, financial communications and tax issues. The Risk Management area comprises the actuarial function, the risk management function, various risk and actuarial modeling teams, and is responsible for the Group's Prudential and Regulatory Affairs Department.

Further information is presented below regarding the risk function.

- The Group Risk Management Department's primary focus is to develop and manage ERM mechanisms, promote ERM concepts throughout the Group and to provide risk management challenge and support for reinsurance underwriting and asset management.
- The Prudential and Regulatory Affairs Department advises the Group on prudential regulations. It ensures the Group actively positions itself in relation to the different jurisdictions and requirements to which it is exposed or could be exposed and continuously develops and promotes SCOR's leading risk management expertise through regular dialogue with internal and external stakeholders. Prudential and Regulatory Affairs also provides specialist expertise to SCOR colleagues via the Solvency II Center of Excellence and prepares the Group for the adoption of major new prudential regulations.
- The Financial Analysis and Risk Modeling department manages and operates SCOR's Internal Model and provides a detailed quantitative analysis on the modeled range of changes in economic value. It provides reports to management on risk assessment and actively assists the company in its various uses of the Internal Model.
- The Group Chief Actuary and his team report to the Chief Risk Officer. See Section B.6 – Actuarial function for further information on the role and responsibilities of the Actuarial key function.

## Activities related to reinsurance

The operating and control procedures concerning underwriting, pricing, administration of reinsurance contracts and claims management are validated by SCOR Global P&C and SCOR Global Life and are applied to all underwriting segments of the company in question, regardless of location.

For further information on how the main underwriting risks related to the P&C and Life reinsurance business are managed, please see Section C.2 – Underwriting risks.

## Asset management

The Prudent Person Principle requires that the security, quality, liquidity and profitability of the portfolio as a whole be considered. This is enabled through the investment governance, strategy, operational framework and reporting and monitoring processes that SCOR implements.

### Governance and principles

The Group has harmonized the principles governing the management of its assets: the Group Policy on Invested Assets defines the Group's governance in terms of asset management and the Manual of Group Investment Guidelines determines the limits for concentration risk as well as limits of exposure to different asset classes. The Manual of Group Investment Guidelines thus determines the conditions under which SCOR Global Investments will implement the Group investment policy as defined by the Group Investment Committee. These two documents are rolled out across all SCOR entities to ensure consistency across the Group. Local investment guidelines complement the Group guidelines and set the rules to be applied by all internal and external asset managers on behalf of the legal entities. The Group Investment Committee meets at least once every quarter. Its role is to define the investment strategy on a Group level and to supervise the implementation of this strategy with regard to the regulatory and contractual constraints. At local level, local investment committees supervise the implementation of the investment strategy relating to their legal entities as well as the compliance of the portfolios' positioning with the local investment guidelines.

For more information on liquidity see Section C.5 – Liquidity risks.

### Investment strategy

The investment strategy at SCOR is risk-based and the portfolio's positioning is derived from the risk appetite allocated by the Group to invested assets, as well as the Group's risk tolerance.

The primary investment objective of SCOR is to generate recurring financial income in accordance with the risk appetite framework of the Group, and to ensure that the Group:

- is able to meet its claims and expense payment obligations at all times; and
- creates value for its shareholders in line with the objectives set out in the strategic plan;

  while,
- preserving the Group liquidity and level of solvency;
- protecting the capital;
- allowing the Group to operate on a day-to-day basis as well as over the long-term;
- complying with the legal entities' investment regulations, risk appetites and regulatory capital requirements (level of capital and type of admissible assets), and Group and local investment guidelines;
- being committed to Environmental, Social and Governance (ESG) investing, for which the SCOR Group prioritises investments that have a positive sustainability impact.

#### Operational framework

As a general rule, and in compliance with local regulations, the SCOR legal entities appoint the Group to supervise and implement the investment and reinvestment of all of their invested assets. This relationship is put in place through an Investment Management Agreement ("IMA") which includes local investment guidelines. SCOR delegates to SCOR Investment Partners the implementation of the investment strategy for its invested assets, as determined by the Group Investment Committee. This relationship is put in place through a Master Investment Management Agreement ("MIMA") which includes the list of invested asset portfolios and legal entities and their respective investment guidelines. In case of local regulatory restrictions or due to the size of some investment portfolios, some legal entities may not be included in this framework. In this case, they may delegate the management of their invested assets to external asset managers through a rigorous selection process. When possible, SCOR Investment Partners acts as an investment advisor to these legal entities.

#### Reporting and risk monitoring

The Group Investment Office monitors, on an ex-ante and ex-post basis, the compliance of the portfolio positioning with regard to the Group risk appetite and investment guidelines. The GIO is also in charge of reporting processes related to invested assets. The GIO provides SCOR with regular reports used for the monitoring of the asset portfolios. Breaches are escalated to the Group Investment Committee as well as to the Group and Board Risk Committees. Investments falling outside of the scope of Group Investment Guidelines are subject to special referral procedures managed by the Group Risk Management Department.

### Accounting management

The Solvency II reporting process is built upon the Group-wide IFRS reporting process and ensures quality and consistency of legal entity and Group solvency reporting. It therefore benefits from controls over the accounting and consolidation process, as presented in the 2017 Registration Document, and their extension to solvency reporting.

## B.3.2.5. INFORMATION AND COMMUNICATION

The 2017 Registration Document is produced via a specific process that ensures the contribution of all relevant departments and the consistency of the information provided. A final review is performed by members of the Executive Committee.

Similarly, for the Solvency and Financial Condition Report and other Solvency II reporting, a specific process has been implemented to coordinate the contribution of all relevant departments and the consistency of the information provided. A final review is performed by Senior Management, members of the Executive Committee(s) and the Board(s).

## B.3.2.6. MONITORING OF THE INTERNAL CONTROL AND RISK MANAGEMENT SYSTEM

The monitoring of the internal control and risk management systems is ensured by a number of complementary mechanisms with the support of several departments across the Group.

SCOR implements dedicated processes and tools to identify, assess and monitor its risk exposure on a regular basis and has dedicated risk management mechanisms in both the Life and P&C divisions in order to evaluate the appropriateness and effectiveness of controls and propose risk management and mitigation measures. See Section B.3.2.3 – Identification and assessment of risks.

SCOR operates an Internal Control System Competence Center ("ICS-CC") which reports to the Group Risk Management Department. For more information on the Internal Control System, see Section B.4.1 – Description of the internal control system.

In addition, and in accordance with its risk-based audit plan and through its periodic assignment, Group Internal Audit provides independent and objective assessments on the adequacy, effectiveness and efficiency of the internal control system. Any findings and risks lead to recommendations and management remediation actions, which are followed up by Group Internal Audit. When Group Internal Audit concludes that management has accepted a level of risk that may be unacceptable to the organization, it must discuss the matter with the Executive Committee. If the Head of Group Internal Audit determines that the matter has not been resolved, he/she must communicate the matter to the Audit Committee.

For more information, see Section B.5 – Internal Audit.

Furthermore, the Finance Department manages the "internal management representation letters" process, which also incorporates certain points related to the internal control of accounting and financial reporting.

## B.3.3. INTERNAL MODEL CONTRIBUTION TO THE ERM FRAMEWORK

Subject to regulatory approval, an internal model can be used to determine the SCR. SCOR has used its experience and knowledge to develop an internal model which accurately reflects SCOR's risk profile as a global reinsurer. For more details on the internal model and how it differs from the standard formula, see Section E.1.4.6 – Key differences between the standard formula and the internal model.

The risk categories reported out of the internal model include P&C underwriting and reserving risk, Life & Health underwriting and reserving risk, Market risk, Currency risk, Credit risk, Interest rate risk and Operational risk.

For further information on risks included in SCOR's internal model, see Chapter E – Capital Management.

SCOR is exposed to other risks not modeled within the internal model, including Strategic, Liquidity and Emerging risks. These risks are not expected to have an immediate impact on the Solvency Ratio over a one-year time horizon and are monitored and managed through specific processes.

### B.3.3.1. ROLE OF THE INTERNAL MODEL IN THE RISK MANAGEMENT SYSTEM

SCOR's internal model is a key feature of SCOR's risk management; see Sections E.1.4.1 – Overview of the internal model and E.1.4.3 – Uses of the internal model for a description of the internal model and some of its uses.

### B.3.3.2. INTERNAL MODEL GOVERNANCE

The internal model governance framework forms an important component of the risk governance at SCOR and seeks to ensure the appropriate management and supervision of the internal model and its outputs.

The governance framework includes in its scope the operational run of the model, Model Changes and Independent Validation as outlined in their own respective policies. The Internal Model Management Committee is responsible for ensuring that the internal model operates properly on a continuous basis. It approves internal model results and provides recommendations to the Group Executive Committee on model changes.

The development and use of SCOR's internal model are managed through the following three key policies:

- Group Internal Model Policy;
- Group Policy on Model Change;
- Group Internal Model Validation Policy.

The Group Internal Model Policy sets out the overarching principles and governance of the internal model. The Group Policy on Model Change sets out the principles and governance for managing the development of the model, and the Group Internal Model Validation Policy sets out the corresponding independent validation of both the use and development of the internal model.

There were no material changes in the internal model governance during the reporting period.

### B.3.3.3. INTERNAL MODEL VALIDATION PRINCIPLES AND TOOLS

SCOR maintains a robust process for the validation of its internal model. This process applies to the Group and the European legal entities regulated by the Solvency II Directive, and where the solvency capital requirement is calculated by means of the internal model. It is performed based on the principles stated in the validation policy and fully complies with Solvency II internal model validation standards.

#### General principles

The validation of the internal model aims to review the reasonableness and accuracy of the internal model, and the results thereof.

The main principles governing the validation process are:

- Independence and Expertise: the validation is performed by qualified experts who are independent from the design, implementation and run of the model;
- Proportionality: the validation work on the various components of the model is proportionate to the materiality of their impact on the results.

#### Governance

The Internal Model Independent Validation governance follows the overall internal model governance described above in Section B.3.3.1 – Role of the internal model in the risk management system.

### B.3.4. ORSA CONTRIBUTION TO THE RISK MANAGEMENT SYSTEM

The ORSA process is a key mechanism of SCOR's ERM framework and is an integral part of the Risk Management System. It leverages the capital management and strategic planning processes.

The ORSA provides forward-looking information on the respective risk and capital positions, of the Group and legal entities, taking into account SCOR's strategy and risk appetite and includes:

- descriptions of the risk profiles and the main risk drivers;
- overviews of expected changes in the risk profiles over the ORSA time horizon; and
- prospective assessments of overall capital needs, based on the internal model, over the ORSA time horizon, taking into account SCOR's strategy and risk profile, including an analysis of any excess or shortfall in the eligible own funds. For further information on capital management processes, see Section E.1.1 – Own funds.

SCOR performs the Group-wide ORSA for the Group and its legal entities subject to Solvency II based on clearly defined principles and objectives, close cooperation between Group and legal entity teams and regular involvement of Group and legal entity senior management, as well as involvement of the Board of SCOR SE and the Boards of the relevant legal entities.

It is performed at least annually or more frequently when material changes in the risk profile occur and the ORSA results are approved by the relevant Boards (see Section B.1.3 – Governance structure at Group and legal entity level).

### B.3.5. SCOR SE – INFORMATION ON THE RISK MANAGEMENT SYSTEM

The risk management principles, mechanisms and processes, described above, are defined at Group level and applied consistently at SCOR SE level, in line with the proportionality principle, without prejudice to further and/or more stringent requirements from local applicable laws or regulations.

### B.3.6. SGP&C SE – INFORMATION ON THE RISK MANAGEMENT SYSTEM

The risk management principles, mechanisms and processes, described above, are defined at Group level and applied consistently at SGP&C SE level, in line with the proportionality principle, without prejudice to further and/or more stringent requirements from local applicable laws or regulations.

### B.3.7. SGL SE – INFORMATION ON THE RISK MANAGEMENT SYSTEM

The risk management principles, mechanisms and processes, described above, are defined at Group level and applied consistently at SGL SE level, in line with the proportionality principle, without prejudice to further and/or more stringent requirements from local applicable laws or regulations.

## B.4. INTERNAL CONTROL SYSTEM

### B.4.1. DESCRIPTION OF THE INTERNAL CONTROL SYSTEM

The Internal Control System (ICS) standards are embedded in the Group Policy on ICS. The ICS is defined at Group level and applied consistently across the Group, in line with the proportionality principle, without prejudice of further and/or more stringent requirements from local applicable laws, regulations or policies.

The core objective of the Internal Control System Competence Center (ICS-CC) is to pool ICS expertise in order to foster a consistent ICS approach and application of ICS standards across the Group. The ICS-CC consists of experts who are dedicated to coordinating the internal control formalization activities within the Group, its divisions and entities, and supporting the business process owners where necessary. The ICS standards are applied based on the proportionality principle. ICS processes have been documented accordingly, focusing on those considered to be the most critical. The ICS documentation is being progressively deployed across the Group and is reviewed regularly for continuous improvement.

The approach used to develop and maintain the internal control system is specified in the ICS Group Policy. The policy sets out the reference framework and details the Group principles, the responsibilities of the different participants in internal control and the quality requirements. The principal characteristics of the internal control system are as follows:

- a risk-based approach, i.e. addressing critical operational risks that, if not controlled, could significantly impact SCOR's franchise, balance sheet or statement of income and indirectly its solvency. The optimal risk response is obtained through appropriately designed key controls at Group level, process level and IT level;
- on a process level, appointment of global process owners (GPO) at Group, SCOR Global P&C, SCOR Global Life and SCOR Global Investments levels and local process owners (LPO). The GPOs' responsibility is to document the processes, identify the related critical risks, define the appropriate key controls and ensure their deployment and application in the various entities of the Group. The LPOs' main responsibilities are to assess processes, risks and key controls on a local level based on the defined global process and ensure application of risk-based control activities;
- monitoring, upon completion of the initial documentation, through a self-assessment procedure on the maturity (quality) of control processes based on pre-defined criteria set by their owners.

The monitoring of the internal control and risk management systems is ensured by a number of complementary mechanisms with the support of several departments across the Group.

SCOR implements dedicated processes and tools to identify, assess and monitor its risk exposures on a regular basis. In addition, SCOR implements dedicated risk management mechanisms in both the Life and P&C divisions in order to evaluate the appropriateness and effectiveness of controls and propose risk-management and mitigation measures.

In addition, and in accordance with its risk-based audit plan and through its periodic assignment, Group Internal Audit provides independent and objective assessments on the adequacy, effectiveness and efficiency of the internal control system.

## B.4.2. COMPLIANCE FUNCTION

### B.4.2.1. ORGANIZATION OF THE COMPLIANCE FUNCTION

It is SCOR's policy to ensure compliance with all applicable laws and regulations and the SCOR Group Code of Conduct wherever it conducts business. SCOR holds itself to high standards when carrying on its business and at all times strives to observe the spirit as well as the letter of the law by continuously seeking to improve the effectiveness of its compliance management framework.

Compliance activities are mostly performed by the compliance function, which is composed of the legal and compliance teams (Group General Secretariat including the Group Compliance team and the Group Legal Department, Divisional Chief Legal Counsels, Hub legal and compliance teams, and local compliance officers). There are also other departments responsible for specific areas (e.g. Prudential and Regulatory Affairs, Human Resources, Finance), in line with the organizational structure of SCOR.

At Group level and for Solvency II-related legal entities, compliance function holders are responsible for the compliance key function.

It is also the responsibility of all employees to abide by the laws and regulations relevant to their day-to-day activities and the SCOR policies and guidelines applicable to them.

### B.4.2.2. POSITION AND INDEPENDENCE PRINCIPLES

At SCOR, the compliance function both at Group and local level must operate free of any influences that may compromise its ability to perform its duties in an objective, fair and independent manner.

At the Group level, the Group Compliance key function holder has direct access to the Chairman and Chief Executive Officer and the Group Compliance key function holder reports at least annually to the Audit Committee and the Board of Directors regarding material compliance breaches that may impact the Group's operations.

The compliance function must have free and unfettered access to any records or staff member, as necessary to carry out its responsibilities.

### B.4.2.3. COMPLIANCE FRAMEWORK

SCOR follows a risk-based approach to compliance in accordance with the SCOR Group Policy on Risk Management. This involves identifying areas of high risk within SCOR and prioritizing dedicated efforts and resources around these risks according to severity and probability, and establishing ongoing procedures aimed at Prevention, Detection and Response.

### Prevention

Preventing compliance breaches includes:

- monitoring compliance-related regulatory developments, assessing their impact on SCOR and disseminating this information to the relevant governing bodies and employees;
- identifying, assessing and monitoring compliance risks;
- issuing compliance-related policies and guidelines;
- providing training to employees;
- providing advice to employees regarding specific compliance matters;
- implementing and maintaining compliance tools;
- maintaining a Code of Conduct awareness and confirmation process;
- introducing controls as part of SCOR's internal control system (ICS);
- providing reports on compliance matters.

### Detection

Detecting compliance breaches often relies on the following sources and processes:

- employee reporting process: all employees are responsible for ensuring compliance with applicable laws, regulations and policies in their daily duties as well as for escalating any actual or suspected compliance breach;
- controls as part of ICS procedures;
- cross-reviews, whereby an operational team operating in a different region from the entity subject to the review performs, checks and reviews compliance-related topics;
- audits conducted by Group Internal Audit;
- audits by external auditors (e.g. accounting and tax);
- operational loss events;
- complaints or litigation initiated by third-parties against SCOR.

### Response

In response to compliance breaches, SCOR must take appropriate corrective actions to mitigate the consequences of the breach, and to prevent further reoccurrences of similar breaches in the future.

Employees who are found in breach of, or fail to comply with, applicable laws or regulations or the principles of this policy may be subject to disciplinary action in compliance with the laws applicable in the country of employment and/or may be subject to criminal/regulatory proceedings.

In addition, the Group Remuneration Policy includes a reference to compliance with the Code of Conduct as a performance condition to be satisfied.

## B.4.3. SCOR SE – INFORMATION ON THE ICS AND COMPLIANCE FUNCTION

### B.4.3.1. INTERNAL CONTROL SYSTEM

SCOR SE applies the ICS principles as defined at Group level and leverages processes implemented across the Group. Where deemed appropriate, SCOR SE has adapted the processes defined at Group or division level, or implemented own local processes in order to reflect specific local requirements.

### B.4.3.2. COMPLIANCE FUNCTION

The compliance function and framework, as defined and implemented at Group level, similarly apply to SCOR SE, both as a legal entity and as the parent company of the SCOR Group.

## B.4.4. SGP&C SE – INFORMATION ON THE ICS AND COMPLIANCE FUNCTION

### B.4.4.1. INTERNAL CONTROL SYSTEM

SGP&C SE applies the ICS principles as defined at Group level and leverages processes implemented across the Group. Where deemed appropriate, SGP&C SE has adapted the processes defined at Group or division level, or implemented own local processes in order to reflect specific local requirements.

### B.4.4.2. COMPLIANCE FUNCTION

The compliance framework, as defined and implemented at Group level, similarly applies to SGP&C SE. The compliance function for SGP&C SE is organized along the lines of the Group's compliance function.

## B.4.5. SGL SE – INFORMATION ON THE ICS AND COMPLIANCE FUNCTION

### B.4.5.1. INTERNAL CONTROL SYSTEM

SGL SE applies the ICS principles as defined at Group level and leverages processes implemented across the Group. Where deemed appropriate, SGL SE has adapted the processes defined at Group or division level, or implemented own local processes in order to reflect specific local requirements.

### B.4.5.2. COMPLIANCE FUNCTION

The compliance framework, as defined and implemented at Group level, similarly applies to SGL SE. The compliance function for SGL SE is organized along the lines of the Group's compliance function.

# B.5. INTERNAL AUDIT

## B.5.1. INTERNAL AUDIT ORGANIZATION AT GROUP LEVEL

### B.5.1.1. GENERAL PRINCIPLES

The Group Internal Audit's audit universe of potential areas within its scope includes all functions and operations carried out by SCOR. Group Internal Audit has no direct operational responsibility or authority over any of the activities it can review. Accordingly, Group Internal Audit does not develop or install systems or procedures, prepare records, take the place of management who owns and makes decisions to manage its respective risks, or engage in any other activity which it can review.

Group Internal Audit assists the Board of Directors in providing independent, objective assurance and consulting services designed to assess the adequacy, effectiveness and efficiency of SCOR governance, policies and guidelines, risk management and internal control systems, as well as the compliance of operations with applicable policies and guidelines, in order to ensure the safeguarding and integrity of SCOR's assets (e.g. financial assets, human resources, systems and data), to ensure the effective use of resources and identify opportunities for process improvement.

Vis-a-vis SCOR subsidiaries and legal entities, Group Internal Audit is the outsourced provider of the internal audit function of legal entities in the scope of the Group Internal Audit Charter, to the extent it is compliant with local laws and regulations. If local obligations related to internal audit matters are not covered by the Group Internal Audit Charter, the Head of Group Internal Audit and legal entities' representatives must act in a timely manner when implementing complements or adjustments as deemed adequate by the appropriate departments and described in an Internal Audit Charter Addendum.

### B.5.1.2. ORGANIZATION WITHIN THE GROUP

Group Internal Audit is composed of Regional and specialized Internal Audit Units, managed by Deputy Heads who report directly to the Head of Group Internal Audit. There is no reporting line to the regional or other management.

Planning, Auditing and Monitoring: regional/legal entities' Internal Audit Plans are integrated in the Group Internal Audit Plan. The Head of Group Internal Audit leads the internal audit department activities globally in order to avoid silo effects and ensure that (i) the same audit framework and methodologies are applied group-wide for each audit engagement and recommendations monitoring, (ii) the auditors' assignments are based on skills in line with the audit objectives, benefiting from Group Internal Audit's resources and comply with rotating principles.

Reporting: the Head of Group Internal Audit can delegate to Regional Deputies the duties related to the internal audit reporting to pre-defined affiliates' Audit Committees and Supervisory Bodies. The Head of Group Internal Audit ensures that the reported information is aligned and consistent across the Group.

Exceptions: in specific cases where the general principles above are not applied, the case must be submitted for approval to the relevant Audit Committee, CEO & Chairman of the Board of SCOR SE, and the Chairman of the Audit Committee of the Board of SCOR SE and other bodies as deemed necessary.

The Head of Group Internal Audit or a delegate (Deputy Head) is invited to, attends and reports during the regular Audit Committees meetings on the internal audit activities and performance and meets privately with the Chairperson of the relevant Audit Committee (at least annually). For entities having no specific Audit Committee, the Head of Group Internal Audit is invited to, attends and reports during the Board meeting. The Head of Group Internal Audit issues an annual report when requested by the Audit Committee or required by laws or regulations.

### B.5.1.3. INDEPENDENCE PRINCIPLES

Within SCOR, the Head of Group Internal Audit reports directly to the CEO & Chairman of the Board of SCOR SE, to provide the necessary independence, and allow it the greatest possible freedom of investigation, while at the same time ensuring the effective and timely implementation of its recommendations and management actions. The Head of Group Internal Audit also reports functionally to the Chairman of the Audit Committee of the Board of SCOR SE, who approves decisions regarding his/her appointment and removal and makes appropriate enquiries to ensure that audits are performed within an appropriate scope with adequate resources, and may steer Group Internal Audit's activities in a specific direction.

The Head of Group Internal Audit submits a written report to the Board Audit Committee at least annually on the organizational independence of the Group Internal Audit function. If independence or objectivity is impaired in fact or appearance, the details of the impairment must be disclosed to appropriate parties. The nature of the disclosure should depend upon the impairment. This principle is applied in the same manner for SCOR Group entities.

Group Internal Audit must and does have unrestricted access to all information, people, relevant systems and data regarding audit assignments and consulting projects, including easy access to and open communication with the audited department and management.

## B.5.2. SCOR SE – INFORMATION ON THE INTERNAL AUDIT FUNCTION

The principles and organization as defined and implemented at Group level apply similarly to SCOR SE's Internal Audit function. Similarly, the scope of internal audit engagements issued during the reporting period and audit plan defined at SCOR SE level are the same as the ones issued and defined at Group level.

## B.5.3. SGP&C SE – INFORMATION ON THE INTERNAL AUDIT FUNCTION

The principles and organization defined and implemented at Group level apply similarly to SGP&C SE's Internal Audit function.

## B.5.4. SGL SE – INFORMATION ON THE INTERNAL AUDIT FUNCTION

The principles and organization as defined and implemented at Group level apply similarly to SGL SE's Internal Audit function.

# B.6. ACTUARIAL FUNCTION

## B.6.1. IMPLEMENTATION OF THE ACTUARIAL FUNCTION

An actuarial key function has been defined for the Group and all legal entities subject to the Solvency II Directive. These key functions are conducted under the responsibility of a key function holder.

The role of the actuarial key function is to:

- coordinate the calculation of technical provisions;
- ensure the appropriateness of the methodologies and underlying models used as well as the assumptions made in the calculation of technical provisions;
- assess the sufficiency and quality of the data used in the calculation of technical provisions;
- compare best estimates against experience;
- inform the Administrative, Management and Supervisory Body (AMSB) of the reliability and adequacy of technical provisions;
- oversee the calculation of technical provisions in case of insufficient data of appropriate quality inducing the use of appropriate approximations, including case-by-case approaches, in the calculation of best-estimates;
- express an opinion on the overall underwriting policy;
- express an opinion on the adequacy of reinsurance arrangements;
- contribute to the effective implementation of the risk-management system, in particular with respect to the risk modeling underlying the calculation of the capital requirements, and to the own risk and solvency assessment; and

- produce an annual written actuarial function report submitted to the management, the Board and/or related committees on actuarial matters of the Group and the corresponding legal entities. The report includes a description of tasks undertaken by the actuarial key function, an opinion on the technical provisions, overall underwriting policy and the adequacy of reinsurance arrangements, a description of any deficiency and recommendations on how such deficiencies can be remedied.

This role is undertaken by the Actuarial Function Holder (AFH) and the so-called Actuarial Function Community, composed of members of the reserving teams, with the support of other teams within SCOR (Underwriting teams, Retrocession teams, Financial Modeling, Capital Management Department).

The actuarial key function holder for the Group is in charge of coordinating the implementation of Solvency II standards related to the actuarial key function throughout SCOR.

The cooperation with the three other key functions (risk management key function, internal audit key function and compliance key function) is ensured via regular interactions with the teams performing the tasks in the scope of these functions.

### B.6.2. SCOR SE – INFORMATION ON THE ACTUARIAL FUNCTION

SCOR SE's actuarial key function is organized along the lines of the actuarial key function of the Group.

### B.6.3. SGP&C SE – INFORMATION ON THE ACTUARIAL FUNCTION

SGP&C SE's actuarial key function is organized along the lines of the actuarial key function of the Group.

### B.6.4. SGL SE – INFORMATION ON THE ACTUARIAL FUNCTION

SGL SE's actuarial function is organized along the same lines as the actuarial function of the Group.

## B.7. OUTSOURCING

### B.7.1. OUTSOURCING PRINCIPLES AND ORGANIZATION

SCOR has put in place a SCOR Group Policy on Outsourcing which sets forth the principles, framework and rules to be followed by SCOR employees considering the outsourcing of critical or important functions by any SCOR entity to another entity, within or outside the SCOR Group.

The SCOR Group Outsourcing Policy is supplemented by the SCOR Group Guidelines on Outsourcing (the "Guidelines").

The Guidelines provide an easy step by step process when considering outsourcing as covered by such Policy and Guidelines.

When outsourcing a critical or important function, a SCOR entity shall use appropriate and proportionate systems, resources and procedures in line with the risks involved in order to select a specific service provider. In particular, prior to entering into any such outsourcing relationship, a SCOR entity shall conduct a due diligence that is adequate and commensurate with the risks involved.

A SCOR entity shall monitor and review the quality of the service provided and shall maintain internally the competence and ability to assess whether the service provider delivers the service according to the outsourcing agreement.

Pursuant to Solvency II requirements, specific rules apply to the outsourcing of critical or important functions by SCOR EU entities. A SCOR EU entity is an insurance or reinsurance undertaking incorporated in and supervised by a regulator with jurisdiction in a country located in the European Union. As of the date of this report, SCOR SE, SCOR Global Life SE, SCOR Global P&C SE, SCOR Global Life Reinsurance Ireland, and SCOR UK Limited fall into the definition of SCOR EU entities.

A critical or important function is defined in the Group Policy as a function essential to the operation of the relevant SCOR entity, i.e. a function the interruption of which would be considered as likely to have a significant impact on:

- the activity of such an entity;
- the entity's ability to effectively manage risks; or
- the entity's regulatory authorization,

in view of the following:

- the cost of the outsourced activity;
- the financial and operational impact as well as the impact on the reputation of the SCOR entity as to the inability of the service provider to fulfill its obligations on time;
- the difficulty of finding another service provider or resuming live activity;

- the ability of the SCOR entity to meet regulatory requirements in case of problems with the service provider; and
- the potential losses for insured parties, policyholders or recipients under contracts or reinsured businesses in case of default by the service provider.

The outsourcing of a critical or important function by a SCOR entity that is a SCOR EU entity shall be subject to the following process:

- a cost/benefit analysis of the possible outsourcing will be conducted and the business case associated with such possible outsourcing will be reviewed by the appropriate governing body of the relevant SCOR entity;
- the outsourcing of a critical or important function will be supervised by a process owner for the entire duration of the outsourcing;
- the process owner will carry out adequate financial, technical and compliance and regulatory due diligences in accordance with the guidelines;
- a specific review of existing or potential sub-outsourcing relationships will be carried out;
- a review of the adequacy of the service provider contingency plan will be conducted;
- an outsourcing agreement will be executed including specific provisions allowing the SCOR entity to adequately control and monitor the quality of the critical or important functions outsourced.

## B.7.2. MAIN ACTIVITIES OUTSOURCED TO EXTERNAL SERVICE PROVIDERS

As of the date of this report, critical or important functions outsourced by SCOR EU entities to external service providers include the following:

- certain IT systems and services are outsourced by SCOR's GIE Informatique (which pools and manages the IT needs of SCOR entities worldwide) to large IT companies in France and various other jurisdictions. Each outsourced relationship is closely monitored by the SCOR IT Department, with a specific focus on service quality, IT security and business continuity;
- underwriting and claims handling of certain space and aviation risks by SCOR Global P&C SE and SCOR UK Limited have been outsourced to companies located in France and the UK that are specialized in managing general agents partially owned by SCOR. A SCOR underwriting manager specialized in the review of these risks monitors these outsourced relationships closely, through attendance of regular technical meetings, frequent reporting and underwriting audits;
- underwriting data capture services are provided by a key industry player located in the UK to SCOR Global P&C SE. This outsourced service is closely monitored by the Underwriting Department;
- a central settlement facility is provided to SCOR UK by one of the UK's leading providers of services to the insurance industry. The Claims Handling Department closely monitors the relationship, through accounts reviews, regular meetings and files audits;
- the asset management function relating to specific jurisdictions, especially in Asia-Pacific and North America, is outsourced to large expert asset managers, which include well known and reputable asset managers located in Singapore, Canada, China, Hong Kong and France;
- certain asset management middle and back office services have been outsourced by SCOR SE or SCOR Investment Partners SE to subsidiaries of banking institutions specialized in such services. These relationships are closely monitored by the relevant SCOR staff. The main middle/back office service provider for that purpose is located in France;
- these outsourcing relationships are documented through adequate outsourcing agreements and closely monitored by the designated person of the relevant SCOR EU entity in charge of monitoring.

## B.7.3. MAIN INTRAGROUP OUTSOURCING ARRANGEMENTS

The SCOR Group operates through a Hub structure, whereby certain Hub employees provide services to SCOR Group entities operating in the relevant Hub jurisdictions. In addition, the SCOR Group has developed centers of expertise for certain services, located in some Hubs, which provide expertise to all SCOR Group entities.

As a result, parts of certain critical or important functions may be outsourced to the SCOR staff responsible for carrying out tasks in support of the execution of the critical or important function, in the Hubs in which the relevant SCOR EU entity operates.

These outsourcing relationships are documented through adequate outsourcing agreements and closely monitored by (i) the key function holder of the relevant SCOR EU entity for the specific key function, or (ii) the duly designated person of the relevant SCOR EU entity in charge of monitoring.

The risk management function, including structuring and validation of the internal model, when relevant, is outsourced by each SCOR EU entity to the Group Financial Modeling & Risk Analysis team of SCOR Switzerland Services AG and/or to the Group Actuarial Modeling team of SCOR SE. Other SCOR EU entities may provide services in support of the execution of this key function, when necessary. These outsourcing relationships are documented through adequate outsourcing agreements and are closely monitored by the risk management key function holder of the relevant SCOR EU entity.

The compliance function is partly outsourced by each SCOR EU entity to the relevant legal and compliance teams based in the jurisdictions and regions where it operates, notably the Hub legal and compliance teams managed by Hub General Counsels. These outsourcing relationships are documented through adequate outsourcing agreements and are closely monitored by the compliance key function holder of the relevant SCOR EU entity.

The internal audit function of each SCOR EU entity (other than SCOR SE and SCOR UK) is outsourced to the Group Internal Audit team hosted by SCOR SE. In the execution of its mission, the Group Internal Audit team of SCOR SE relies on all its staff employed in various SCOR entities. These outsourcing relationships are documented through adequate outsourcing agreements and are closely monitored by the internal audit key function holder of the relevant SCOR EU entity. The internal audit function of SCOR UK is outsourced to Channel Managing Agency Limited.

The actuarial function is partly outsourced by each SCOR EU entity to the Group Financial Modeling & Risk Analysis team of SCOR Switzerland Services AG and/or to the Life Economic Valuation team of SCOR SE. Other SCOR EU entities may provide services in support of the execution of this key function, when necessary. These outsourcing relationships are documented through adequate outsourcing agreements and are closely monitored by the actuarial key function holder of the relevant SCOR EU entity.

Certain underwriting and claims activities are partly outsourced by SCOR UK to SGP&C SE. Claims handling activities are outsourced by SCOR Global Life Reinsurance Ireland to some extent and when relevant to various SCOR entities. These outsourcing relationships are documented through adequate outsourcing agreements and are closely monitored by the designated person of the relevant SCOR EU entity.

The asset management activities are partly outsourced by SCOR SE to SCOR Investment Partners SE. Each other SCOR EU entity outsources its asset management activities to SCOR SE. These outsourcing relationships are documented through adequate outsourcing agreements and are closely monitored by the designated person of the relevant SCOR EU entity.

IT is partly outsourced by each SCOR EU entity (except for SCOR SE) to SCOR SE. This outsourcing relationship is documented through adequate outsourcing agreements and is closely monitored by the designated person of the relevant SCOR EU entity.

## B.7.4. SCOR SE – INFORMATION ON OUTSOURCING

SCOR SE's outsourcing principles and organization are defined along the same lines as those of the Group. See Section B.7.1 – Outsourcing principles and organization for further information.

The main activities outsourced to external service providers at SCOR SE's level relate to certain IT systems and services, the asset management activity relating to China and India and certain middle and back office services. See Section B.7.2 – Main activities outsourced to external service providers for further information.

Within the Group, SCOR SE outsources its key functions to some extent. See Section B.7.3 – Main intragroup outsourcing arrangements for further information.

## B.7.5. SGP&C SE – INFORMATION ON OUTSOURCING

SGP&C SE's outsourcing principles and organization are defined along the same lines as those of the Group. See Section B.7.1 – Outsourcing principles and organization for further information.

The main activities outsourced to external service providers at SGP&C SE's level relate to certain IT systems and services, underwriting and claims handling of certain space and aviation risks and underwriting data capture services. See Section B.7.2 – Main activities outsourced to external service providers for further information.

Within the Group, SGP&C SE outsources its key functions to some extent. See Section B.7.3 – Main intragroup outsourcing arrangements for further information.

## B.7.6. SGL SE – INFORMATION ON OUTSOURCING

SGL SE's outsourcing principles and organization are defined along the same lines as those of the Group. See Section B.7.1 – Outsourcing principles and organization for further information.

The main activity outsourced to external service providers at SGL SE's level relates to the asset management activity relating to Canada and Malaysia and certain middle and back office services. See Section B.7.2 – Main activities outsourced to external service providers for further information.

Within the Group, SGL SE outsources its key functions to some extent. See Section B.7.3 – Main intragroup outsourcing arrangements for further information.

# B.8. OTHER MATERIAL INFORMATION REGARDING THE SYSTEM OF GOVERNANCE

No other material information is reported regarding SCOR's system of governance, other than that presented in Sections B.1 – General information on the system of governance to B.7 – Outsourcing.

# C

# RISK PROFILE

# C.1. INTRODUCTION

## C.1.1. GENERAL INTRODUCTION

The Group regularly conducts reviews of the risks that could have a material adverse effect on its activity, its financial position or results (or capacity to meet objectives), and considers that no other significant risk than those disclosed in the section below exists. This section outlines management's current view of SCOR's main risks and main risk management mechanisms currently in place at the level of the Group as well as at the level of all three French legal entities, SCOR SE, the parent company, SGP&C SE and SGL SE.

The Group has identified the following categories of risks, also applicable to legal entities:

- underwriting risks related to the P&C and Life reinsurance businesses;
- market risks;
- credit risks;
- liquidity risks;
- operational risks;
- strategic risks (see Section C.7.1 – Strategic risks).

All these risks, further described in this chapter, are managed through a variety of mechanisms in SCOR's ERM framework.

SCOR's ERM framework is further described in:

- Section B.3 – Risk management system including the ORSA for a wider description of the Group risk management system as well as the role of the main stakeholders involved in risk management and relevant procedures and control activities;
- Section B.1 – General information on the system of governance for a description of the role of the administrative and management bodies involved in the risk management system and related control functions.

Although risk management mechanisms have been designed and rolled out across the Group in order to prevent all risks from having a significant impact, there is no guarantee that these mechanisms achieve their intended objective. Many of SCOR's methods for managing risk and exposures are based on observed historical market behavior, statistics based on historical models, or expert judgment. As a result, these methods may not fully predict future exposures, which may be significantly greater than estimated, particularly in unstable or volatile markets and environments. Other risk management methods depend upon the evaluation of information regarding markets, clients, natural catastrophes or other matters that is publicly available or otherwise accessible to SCOR. This information may not always be accurate, complete, up-to-date or properly evaluated.

SCOR may also be exposed to emerging risks, which include new threats or constantly changing current risks with a high degree of uncertainty. They may arise from the numerous changes to the environment in which the Group operates, such as changes in professional practices or in legal, jurisdictional, regulatory, social, political, economic, financial and environmental conditions.

Emerging risks may adversely affect SCOR's reinsurance business due to either a change in interpretation of the contracts leading to extensions of cover beyond what policyholders had expected (e.g. due to the inapplicability or interpretation of certain clauses) or by increasing the frequency and/or severity of claims. Such risks may also lead to higher fluctuations than expected in macroeconomic indicators such as interest rates and price level, or disruptions in financial markets, further impacting SCOR's business. In addition, emerging risks may also have a direct impact on SCOR's operations, for instance by generating unexpected additional expenses. Examples of emerging risks include: cyber-attacks, antimicrobial resistance, non-controlled bio-experiments, genetic testing, climate change, autonomous machines, extreme social unrest and Eurozone break-up.

Therefore, the Group cannot exclude the possibility of exceeding SCOR's risk tolerance limits due to an incorrect estimation of its risks and exposures. If the risks disclosed in this section were to occur, they could potentially have a significant effect on SCOR's present and future business, cash flows, eligible own funds and solvency position.

As mentioned in Section B.3.3 – Internal model contribution to the ERM framework, the risk categories reported in the internal model include P&C underwriting and reserving risk for the Group and P&C related legal entities, Life underwriting and reserving risk for the Group and Life related legal entities, Market risk including interest rate risk and currency risk, credit risk, and operational risk.

For further information on risks included in SCOR's internal model, at both SCOR Group and French legal entity level, see Chapter E – Capital Management.

SCOR is exposed to other risks not modeled within the internal model including strategic, liquidity and emerging risks. These risks are not expected to have an immediate impact on the Solvency Ratio over a one-year time horizon and are monitored and managed through specific processes.

For quantitative information on all risk categories, including changes over the reporting period, see Section E.1.2.1 – Solvency capital requirement by risk category.

## C.1.2. SENSITIVITY ANALYSIS

SCOR maintains a resilient solvency position. SCOR monitors its Solvency Ratio sensitivity to the economic assumptions which could have the most significant impact on the Solvency Ratio over the coming year.

Where appropriate, SCOR also monitors some of these sensitivities at the underlying legal entity level.

The Group's estimated Solvency Ratio sensitivities to market risks are as follows:

| Sensitivities – impact on Solvency Ratio | Impact in % points |
|---|---|
| +50 bps Interest rate | 7 |
| -50 bps Interest rate | (8) |
| +50 bps Corp Credit spread | (5) |
| +50 bps Govt Credit spread | (2) |
| -25% Equity returns | (5) |
| +10% USD/EUR | (2) |
| -10% USD/EUR | 2 |

The sensitivities are expressed in percentage points of the Solvency Ratio. The methodology used to calculate the economic sensitivity is based on stressing the underlying economic variable and re-computing the value of the Solvency Ratio under this stress scenario. Depending on the economic variable, this is based on a full internal model run, or simplifications that are appropriate to capture the main effects of the underlying stress.

Sensitivity to underwriting risks is evaluated through a variety of mechanisms explained in Section B.3.2.3 – Identification and assessment of risks. The most significant exposure for SCOR Group on these measures are long-term mortality deterioration, pandemics, P&C long-tail reserves deterioration and natural catastrophes.

### C.1.2.1. SENSITIVITY ANALYSIS AT SCOR SE LEVEL

The results for SCOR SE are the same as those for the Group when considered on a look-through basis. Sensitivities to various risks, including market risks, are monitored and analyzed on a regular basis as described above.

### C.1.2.2. SENSITIVITY ANALYSIS AT SGP&C SE LEVEL

SGP&C SE maintains a resilient solvency position. SGP&C SE monitors its Solvency Ratio sensitivity to the economic assumptions which could have the most significant impact on the Solvency Ratio over the coming year.

For more information on interest rate risk see Section C.3.1.1 – Interest rate risks.

Sensitivity to underwriting risks is evaluated through a variety of mechanisms explained in Section B.3.2.3 – Identification and assessment of risks. The most significant exposures for SGP&C SE on these measures are long-tail reserves deterioration and natural catastrophes.

### C.1.2.3. SENSITIVITY ANALYSIS AT SGL SE LEVEL

SGL SE maintains a resilient solvency position. SGL SE monitors its Solvency Ratio sensitivity to the economic assumptions which could have the most significant impact on the Solvency Ratio over the coming year.

For more information on interest rate risk, see Section C.3.1.1 – Interest rate risks.

Sensitivity to underwriting risks is evaluated through a variety of mechanisms explained in Section B.3.2.3 – Identification and assessment of risks. The most significant exposures for SGL SE under these measures are long-term mortality deterioration and mortality shock (e.g. a pandemic).

# C.2. UNDERWRITING RISKS

The main risk the Group faces in relation to insurance and reinsurance contracts is that the actual amounts of claims and indemnity payments, or the timing thereof, differ from estimates. The frequency of claims, their severity, the actual payments made, the development of long-tail claims (whether they be litigated or not), and long-term mortality trends as well as external factors such as those listed below, are all beyond the Group's control. Additionally, the Group is dependent on the quality of underwriting of its cedents for certain reinsurance treaties, and on the quality of claims management by these companies and the data provided by them. Under these uncertainties, the Group seeks to ensure that sufficient reserves are available to cover its liabilities.

Generally, SCOR's ability to increase or maintain its portfolios of insurance and reinsurance risks in the P&C and Life divisions may depend on external factors such as professional practices, legal, jurisdictional, regulatory, social, political, economic, financial and environmental conditions. These factors create uncertainties and may adversely affect SCOR's business due to either an interpretation of the contracts leading to an extension of coverage (e.g. through inapplicability or interpretation or overriding of treaty clauses) or by increasing the frequency and/or severity of claims beyond what was anticipated at the time of the underwriting.

SCOR mitigates its underwriting risks related to the P&C and Life reinsurance businesses through the purchase of risk mitigation covers, both on the traditional retrocession market and on the capital markets via alternative risk transfer solutions (e.g. the multi-year securitization of catastrophic and pandemic risk in the form of Insurance-Linked Securities ("ILS")). However, there is a risk that SCOR may not be able to transfer its liabilities through the purchase of such instruments on economically viable terms and conditions in the future. For further details on retrocession and other risk mitigation techniques within SCOR, see Section C.2.4 – Retrocession and other risk mitigation techniques.

Consistent with the Group's strategy of selective market and business division development, SCOR seeks to maintain a portfolio of business risks that is strategically diversified geographically, by line and class of business and over time (short and long-tail). The Group's insurance risk exposure is mitigated by diversification across a large portfolio of reinsurance contracts. The volatility of risks is reduced by careful business selection, implementation of underwriting guidelines, the use of retrocession and other risk transfer arrangements and proactive claims handling as well as underwriting, claims and administration audits at ceding companies.

SCOR underwrites reinsurance covers in P&C and Life and occasionally in direct P&C and Life insurance.

SCOR writes direct insurance, primarily on a business-to-business basis to cover large corporate risks through the Business Solutions domain of SCOR's P&C division and through the participation in Lloyd's syndicates including the Channel Syndicate, for which SCOR is the sole capital provider, as well as through some participations in Business Ventures and Partnerships.

## C.2.1. P&C REINSURANCE

The main risks linked with the P&C reinsurance business (and direct insurance activity) underwritten by SCOR's P&C division are natural catastrophes, P&C long-tail reserves deterioration and man-made catastrophes, including terrorism, and other risks beyond its direct control such as systemic crises or the cyclicality of the business.

For quantitative information on P&C underwriting risks, see Section C.1 – Introduction and Section E.1.2 – Solvency Capital Requirement.

### C.2.1.1. P&C LONG-TAIL TECHNICAL PROVISION DETERIORATION

This is the risk that the P&C claims inflation is higher than assumed in the calculation of the Best Estimate Liabilities (BEL) and mostly affects the long-tail lines of business, such as casualty, professional liability and financial lines, inherent defect and construction warranty, medical malpractice, motor (first and third-party liability) and workers' compensation. Claims inflation is influenced by, but not directly linked to general inflation.

For SCOR's casualty business, the frequency and severity of claims and the related amounts of indemnity paid can be affected by several factors. The most significant factors are the changing legal and regulatory environment, including changes in civil liability law and jurisprudence.

For further information on risks related to technical provisions, please see Section C.2.3 – Risks related to technical provisions.

### C.2.1.2. NATURAL AND MAN-MADE CATASTROPHES

SCOR's property business underwritten by its P&C division is exposed to multiple insured losses arising from single or multiple events, which can be catastrophic, being either caused by nature (e.g. hurricane, typhoon, windstorm, flood, hail, severe winter storm, earthquake) or man-made (e.g. explosion, fire at a major industrial facility, act of terrorism). Any such catastrophic event can generate insured losses in one or several of SCOR's lines of business.

#### Natural Catastrophes

The most material catastrophes in SCOR's risk profile are related to natural events, mainly tropical cyclones, windstorms, earthquakes and floods arising in North America and Europe and affecting property, engineering and possibly other lines of business.

SCOR manages its gross exposure to catastrophes through a comprehensive risk transfer and capital protection program which combines traditional retrocession and non-traditional solutions, including catastrophe bonds and a contingent capital equity line.

### Man-Made Catastrophes

SCOR is exposed to insured losses, arising from single or multiple events, which can be catastrophic, caused by the occurrence of a man-made event. The lines of business mostly exposed to man-made catastrophe are property (other than natural catastrophe), Marine, Motor, Casualty, Credit and Surety, Aviation and Space.

#### Property

Man-made catastrophes refer to negligent or deliberate human actions, e.g. conflagration, a large explosion and fire at a major industrial site, and terrorism. These events can cause great damage to property and lives. Malicious man-made events often target large cities and key landmarks such as international airports and governmental facilities.

In particular, SCOR is exposed to single or multiple terrorist attacks through some P&C treaties and national terrorism pools. Terrorism exposures are monitored on a worldwide basis as a fully integrated part of the Underwriting Management Framework. Underwriting guidelines stipulate the rules and procedures for terrorism risk for Treaty P&C, Specialty lines and SCOR Business Solutions (SBS). SCOR monitors this risk using a very conservative approach.

SCOR's exposure to terrorism arises from participation in the protection of existing national terrorism pools and exposure from some markets that do not permit the exclusion of terrorism from insurance policies due to local regulation, such as in the US, or due to market practice. Furthermore, the US insurance market is exposed to significant risks due to the insurance obligation created by the law. However federal aid is also provided by the Terrorism Risk Insurance Program Reauthorization Act ("TRIPRA").

A terror event could also have an impact on SCOR's Life portfolio. Although in past events the life claims incurred have been relatively small compared to the non-life claims, a terrorist act might claim a large number of insured lives.

#### Casualty

SCOR is also exposed to man-made casualty catastrophes whose underlying nature and key specificities can vary widely, from commonly used products (with Asbestos as a typical example), or massive product liability losses emanating from items produced by a single manufacturer, to a single disastrous event (e.g. Deepwater Horizon oil rig explosion).

The amount of information available on casualty catastrophes is limited. In contrast to property catastrophes, which are short term in nature (limited number of days between insured event and loss emergence), at which point reasonable estimates of the size of the loss can be calculated, most casualty catastrophes emerge gradually and the full extent of the losses is often not known for decades.

SCOR is engaged in the development of advanced liability catastrophe analytics, and data mining and modeling techniques for improving its prediction capabilities for man-made casualty event losses.

#### Property and Casualty

The extent of the loss event and the affected lines of business will vary depending on the man-made event. SCOR can be affected from a man-made event simultaneously in the property and the casualty lines of business, e.g. if the explosion at a large industrial site destroys the industrial facility, but also pollutes the environment, given its proximity to vulnerable landscape (e.g. river, lake), and causes property damages and bodily injuries affecting the population.

## C.2.1.3. OTHER RISKS

In addition to the two main underwriting risks of SCOR P&C reinsurance as listed above, other factors could have an adverse impact, such as systemic crisis, cyclicality of the business and concentration risks related to its broker business.

### Systemic Crisis

Historically, reinsurers have experienced significant fluctuations in operating income due to volatile and unpredictable developments, many of which are beyond the control of the reinsurer including general economic conditions, levels of capacity offered by the market, and the level of competition with regards to pricing. In particular, some of SCOR's lines of business which are directly linked to financial activities are more exposed to global economic recessions (e.g. systemic crisis post Lehman Brothers): for example, specialty lines such as Credit and Surety or liability risk such as Errors & Omissions and Directors & Officers Liability.

### Cyclicality of the business

P&C insurance and reinsurance businesses are cyclical. The primary consequences of the market softening are a reduction in the volume of P&C reinsurance premiums on the market, an increase in competition within the reinsurance market, and also a preference for those operators who are most attentive to the specific needs of the cedents and the most capable of meeting them. This could potentially lead to a loss of competitive advantage for SCOR.

Beyond the general trends, the premium rate cycle affects certain geographic markets and/or certain lines of business in different ways and to different extents, independently of each other.

### Risk Concentrations

The accumulation of risks may produce concentrations of risk, such as exposure to certain regions or catastrophes. The largest single event to which the P&C business is exposed is a North American hurricane followed by an EU windstorm.

### Concentration risk related to its broker business

SCOR carries out its P&C business both through brokers and through direct relationships with insurance company clients. The risk for SCOR is mainly the concentration of premiums written through a limited number of brokers. A significant reduction in the business generated through these brokers could potentially reduce premium volume and net income.

## C.2.1.4. MANAGEMENT OF UNDERWRITING RISKS RELATED TO THE P&C BUSINESS

The P&C division is organized in order to enable it to assess and control its risks at each level of its business.

- most of the business underwritten is renewed on agreed dates. This enables SCOR to establish annual underwriting plans, both qualitative (description of the environment) and quantitative (activity budget). These plans are approved by the Executive Committee;
- the Property and Casualty Treaty underwriters manage client relationships and offer reinsurance support after a careful review and assessment of the cedents' underwriting policies, portfolio profiles, exposures and management procedures. They are responsible for writing treaty business as well as associated support on small and medium size facultative risks in their respective territories within the limits of their individually delegated underwriting authority and the scope of underwriting guidelines;
- most of SCOR's facultative underwriters work in the Business Solutions domain of its P&C division, which operates worldwide. This business area is dedicated to large corporate businesses and is geared to provide the clients of the P&C division with solutions for coverage of large conventional risks;
- underwriting and pricing guidelines, defined by SCOR's P&C division, specify the underwriting capacities delegated to each underwriter in each entity, as well as the underwriting rules and principles to be complied with. These guidelines are subject to a regular review and approval process. SCOR's underwriting guidelines are more restrictive regarding certain areas with difficult or uncertain legal environments:
  - underwriting guidelines in place within the P&C division specify (i) the underwriting rules and principles with which the Group must comply; (ii) the underwriting capacities individually delegated to the underwriters in each of the markets and lines of business in which the Group operates as well as (iii) the relevant maximum acceptable commitments per risk and per event. They are reviewed and updated annually by the Underwriting Management function and approved by the Chief Executive Officer and Chief Risk Officer of SCOR's P&C division,
  - pricing guidelines and parameters apply to all treaties priced within the P&C division. There are additional guidelines related to Natural Catastrophes and others specific to certain products which include Agriculture and Credit & Surety. These guidelines seek to ensure that the analyses provide: (i) a best estimate of the costs and profitability of a treaty as well as the uncertainty surrounding estimates; (ii) assistance with underwriting decisions; and (iii) the suitable outputs needed for the risk management process, in particular the internal model, such as probability distributions for losses/Net Present Value (NPV), cash flow patterns for premium/losses, etc. They are set to provide consistency and continuity across the organization but also to take into account differences between markets and lines of business as well as the geographical location of the client and the risks insured. Parameters are revised at least once a year to consider, as the case may be, changing market conditions and environment. Contracts that meet certain risk thresholds are subject to mandatory peer reviews that have to be performed and documented before pricing is completed. SCOR's P&C division uses a data system that allows management to monitor and review the results from pricing tools;
- the underwriting teams are supported by the P&C division's Underwriting Management function located in Paris and represented in the three Hubs. This function provides worldwide treaty and facultative underwriting guidelines, policies regarding the delegation of capacity, underwriting support to specific lines of business or individual risks when required, ceding company portfolio analysis and risk surveys and is responsible for the monitoring and referral of non-standard business and for authorizing exceptions to the underwriting guidelines;
- business opportunities going beyond the stipulations of the guidelines thus defined are subject to special referral procedures at two levels: (1) by the Underwriting Management function and, where applicable, by the Legal Department and/or the Finance department; (2) and for cases which may have a significant impact on the balance sheet (thresholds and/or conditions defined in a procedure or specific guidelines) by the Group Risk Management Department and the Chief Executive Officer of SCOR's P&C division;
- the P&C division's Actuarial Pricing Department is responsible for the pricing of the reinsurance business, which is done by individual treaty. Guidelines, methods and tools are set and maintained at the global level and used by the pricing teams across the SCOR offices. Delegation authorities specify criteria under which the underwriters may price certain contracts still subject to the use of the Pricing Guidelines and tools. Pricing results quantify expected underwriting statistics (such as loss and expense ratios), volatility measures, and profitability measures (such as NPV, Return on Risk Adjusted Capital (RORAC), and Profit Excess Targets). The results are also used as criteria for referrals within Underwriting Departments. Pricing actuaries team up with underwriters and modelers by market or by line of business;

- the Risk Modeling & Global Natural Hazards Department is in charge of monitoring accumulations. A "CAT" sub-group of the P&C Risk and Capital Committee meets regularly to review accumulations and decide on or arbitrate the allocation of CAT capacities by country. Earthquake and storm risks gross exposures are measured using proprietary external models from industry-leading catastrophe model suppliers, including Risk Management Solutions RiskLink® ("RMS") and AIR Worldwide Catrader® ("AIR"). These tools enable the Group to quantify its exposure in terms of a probable maximum loss ("PML") at various levels of probability for each peril and geographic location. The overall aggregate annual PML per peril, allowing for potential multiple events, provides the information required to determine the level of retrocession and other alternative risk transfer solutions (e.g. catastrophe bonds) that are needed to ensure that the net aggregate exposure is optimized for the Group's risk appetite and remains within predefined tolerance limits;
- in order to mitigate its property exposure, the Group retrocedes a portion of the risks it underwrites. See Section C.2.4 – Retrocession and other risk mitigation techniques for further information on how these instruments are managed;
- the claims handling function is performed by the claims teams, which review, process and monitor reported claims. SCOR's P&C division's Claims & Commutations Department is in charge of the implementation and overview of the overall claims handling and commutation management policy for the P&C division, implementing worldwide control and reporting procedures and managing commutation of portfolios and commitments. It supports and controls the day-to-day activity and takes over the direct management of large, litigious, serial and latent claims. In addition, periodic audits are conducted on specific claims and lines of business, and claims processing and procedures are examined at the ceding companies' offices with the aim of evaluating their claims adjustment process, valuation of case reserves and overall performance. When needed, recommendations are given to underwriters and local management;
- the adequacy of the P&C division's technical provisions is controlled based on specific procedures. For further information on how risks related to technical provisions are managed, see Section C.2.3 – Risks related to technical provisions;
- risks specific to the administration of contracts are subject to checks performed at the subsidiary and branch level. SCOR's Group Information System includes multiple automatic checks and additional tools;
- a quarterly review of technical results is performed by business area (Property and Casualty Treaties, Specialty Lines, Business Solutions (Facultative), Business Ventures and Partnerships) and region. The review enables the analysis of technical results by underwriting year, by nature and by line of business;
- SCOR's P&C division's Risk Management organizes the quarterly P&C Risk and Capital Committee meeting, which is responsible for highlighting the main risks to which the P&C division is exposed, regarding both assets and liabilities;
- cross reviews are conducted by the P&C division's Risk Department to assess the quality of underwriting, pricing and claims handling of particular business units or certain lines of business, to identify and assess risks, to evaluate the appropriateness and effectiveness of controls and to propose risk management measures, including mitigating actions.

## C.2.2. LIFE REINSURANCE

The main underwriting risks for SCOR's Life division are described below. For quantitative information on Life underwriting risks, see Section C.1 – Introduction and Section E.1.2 – Solvency Capital Requirement.

SCOR's long-term mortality reserves are based on a number of assumptions and information provided by third parties, which, if incorrect and/or incomplete, could have an adverse effect on the Group.

### C.2.2.1. LONG-TERM MORTALITY DETERIORATION

Long-term mortality deterioration risk refers to potential negative deviations in future mortality relative to current best-estimate assumptions, due to a higher than anticipated number of deaths (i.e. increased mortality rates) among the portfolio of lives reinsured by SCOR. This could result from inherent volatility, initial mispricing (level risk) or an adverse long-term trend.

### C.2.2.2. PANDEMIC

In Life reinsurance, a severe pandemic is a major risk. In the past century, three major outbreaks of influenza occurred and claimed millions of lives. The occurrence of a similar event could cause large losses to SCOR due to an increased mortality far beyond the usual volatility. A lethal virus strain not only of influenza but of any other communicable disease could lead to a material increase in mortality rates and increased medical costs which could significantly affect SCOR's results.

### C.2.2.3. LONGEVITY

Longevity risk refers to the risk of a negative deviation from expected results due to the insured or annuitant living longer than assumed in the pricing or reserves. This risk could have an impact on longevity swaps, annuity and long-term care covers and on other longevity protection products.

### C.2.2.4. POLICYHOLDER BEHAVIOR RISKS

SCOR's Life division is also exposed to risks related to policyholder behavior, such as lapsation and anti-selection at policy issue.

Lapses refer to either non-payment of premiums by the policyholder, or to policies which are terminated by the policyholder before the maturity date of the policy. Depending on product design, higher or lower policyholder lapses than assumed in the pricing or reserving may reduce the Life division's expected future income.

Anti-selection refers to the problem of asymmetry of information between the insured and the insurer. An individual applying for Life or Health insurance cover usually has better knowledge about his or her own state of health than the insurer. The risk to the (re)insurer is of policyholders deliberately deciding among other things to:

- take out a policy in the knowledge that either their chances of claiming are high or higher than average;
- terminate a policy in the knowledge that their chances of claiming are low or lower than average, or;
- choose and exercise a policy option which increases their expected benefit.

This might lead to a portfolio composition which differs from the one assumed during pricing and might imply lower than expected profits for both the direct insurer and the reinsurer.

### C.2.2.5. MORBIDITY RISKS

Products such as critical illness, short-term and long-term disability and long-term care, which all contain morbidity risk, are subject to the risk of negative trends in health, as well as to the consequences of improved medical diagnosis capabilities which increase the number of claims due to conditions that otherwise would possibly have remained undetected. Medical progress may in the future enable better treatment, resulting in higher claims, since certain diseases would have otherwise led to a much shorter life expectancy of the insured. Products providing cover for medical expenses are subject to the risk of higher than expected incidence and inflation of medical costs.

### C.2.2.6. OTHER RISKS

#### Risk concentrations

Accepting large amounts of risks may produce risk concentrations, such as exposure to certain regions or events. The largest concentration of risk in the Life business is in relation to long term mortality deterioration and mortality shock events (e.g. pandemics).

#### Other risk considerations

In addition to the main underwriting risks of SCOR's Life division as listed above, other factors could have an adverse impact, whether related to policyholder behavior such as resale or purchase of policies by third parties with no insurable interest, or other risk factors such as risks related to product guarantees.

### C.2.2.7. MANAGEMENT OF UNDERWRITING RISKS RELATED TO THE LIFE REINSURANCE BUSINESS

In addition to the transversal risk management mechanisms described in the introduction to this section, SCOR's Life division also implements mechanisms to mitigate certain risks specific to the division:

- claims deterioration risks are mitigated through yearly renewable terms for parts of the mortality business, and through premium adjustments for some products;
- lapse risks are mitigated through appropriate reinsurance treaty clauses, as well as product, client and market diversification;
- anti-selection risks are mitigated through careful product design and a well-defined medical and financial underwriting selection process.

The SCOR Life division is organized in order to be able to assess and control its risks at each level of its business:

- generally, the Life reinsurance business is underwritten throughout the year. The Life business underwritten is monitored on a quarterly basis against prior year development as well as the business plan and regular updates are provided to the Executive Committee;
- the underwriting of Life business within the Group is under the worldwide responsibility of SCOR's Life division. Clients are insurance companies , worldwide. They are served by SCOR's specialized underwriters and actuaries who are familiar with the specific features of the markets in which they operate, in particular with local lines of business and policy conditions, as well as the technical specifics such as mortality tables, morbidity incidence rates and persistency rates. In the Life underwriting process, consideration is typically given to the quality of the client's medical and financial underwriting standards, the target clientele of the ceding company, as well as past experience to the extent that credible data is available;

- Life reinsurance treaties are underwritten by Life reinsurance experts familiar with the specific features of their markets. The Life business is underwritten in accordance with internal underwriting and pricing guidelines. Mandates for underwriting Life reinsurance business are assigned to teams on a mutually exclusive basis;
- in order to ensure that the Life division is continually up-to-date with biometric trends and scientific developments, the division uses the expertise of seven dedicated Research & Development centers to analyze and assess the key factors underlying mortality, longevity, long-term care & disability, critical illness, medical, policyholder behavior and medical underwriting & claims. These Research & Development Centers provide recommendations for the implementation of the research results into the pricing, underwriting and determination of exposure limits;
- guidelines and other documents defined by the Life division specify the underwriting rules and principles to be complied with, underwriting capacities delegated to the underwriters and pricing actuaries in each of the markets in which the Group operates, as well as maximum acceptable commitments per risk and per event. These guidelines outline contract type and terms and conditions of acceptance. Furthermore, they set out the level of retention of SCOR's Life division for various risks and types of cover. Revisions and updates follow a formalized approval process.

  Business opportunities going beyond the stipulations of these guidelines and documents are subject to a special referral process in order to ensure that the business complies with established risk-adjusted return criteria and risk tolerance limits. These cases are examined at the Life division level by the Regional and Global Pricing and Risk Management Departments and, where applicable, the Finance Department. Cases which may have a significant impact on the balance sheet of the Group are additionally reviewed by the Group Risk Management Department. Thresholds or conditions for a referral to the Group Risk Management Department are outlined in specific guidelines;
- accumulations of risk particularly exposed to catastrophes in the Life business are regularly assessed in "footprint" scenarios and local CAT scenarios. Specific tools are used to monitor known Group cover accumulation in selected geographical areas. Specifically designed retrocession programs aim at protecting the Life reinsurance business. One program protects assumed catastrophe excess of loss acceptances; another one protects the net retained lines in respect of proportional and per risk acceptances. SCOR is making use of the model for infectious diseases from Risk Management Solutions (RMS), in order to assess the potential exposure to risk arising from global pandemics;
- maximum underwriting capacities are established to limit SCOR's Life division's exposure on various types of treaties underwritten, proportional and non-proportional, covering individual or Group policies. These capacities are reviewed each year, taking into account the capacities obtained by the retrocession coverage. These limits include: maximum commitment per life accumulated for all SCOR exposures, maximum annual commitments for non-proportional cover per life or per event, maximum commitment per country for non-proportional exposures by event. Aggregate portfolio exposures are continually monitored. Specialized software allows an accumulation control of insured lives and is fed with single risk information as received by the client companies. Based on this system, risks under which the accumulated exposure exceeds the Life division's retention are identified and retroceded. The retention limits are reviewed regularly. The exposure is monitored throughout the year against SCOR's defined risk limits and used for decisions on mitigating measures. Monitoring of peak exposures is included in Life regular risk reporting. See Section C.2.4 – Retrocession and other risk mitigation techniques for further information on how these instruments are managed;
- SCOR's Life division's claims handling is performed by local claims teams that handle and monitor claims. Claims exceeding a predefined threshold are reviewed by the Life division's medical underwriting and claims research & development center (CREDISS). In addition, where deemed appropriate, audits are conducted on claims or specific lines of business at the ceding companies' offices;
- the adequacy of the Life division's technical provisions is monitored based on specific procedures. For further information on how risks related to technical provisions are managed, please see Section C.2.3 – Risks related to technical provisions;
- Risks specific to the management of contracts are mitigated by specific controls supported by SCOR's IT systems which include numerous automatic controls and additional tools;
- a quarterly review of technical results is performed by region and by business area;
- SCOR's Life division's Risk Management Department organizes quarterly meetings of the Life Risk Committee, which is responsible for reviewing the main risks to which the Life division is exposed;
- in addition, cross reviews are commissioned by the Life division's Chief Executive Officer to evaluate, on the one hand, the quality of underwriting, pricing, medical underwriting and claims handling of particular market areas or lines of business and, on the other hand, to identify and assess risks, to evaluate the appropriateness and effectiveness of controls and to propose risk management actions.

## C.2.3. RISKS RELATED TO TECHNICAL PROVISIONS

### C.2.3.1. SCOR'S RISKS RELATED TO TECHNICAL PROVISIONS

SCOR's technical provisions are established based on the information it receives from its cedent insurance companies, including their own assessments, as well as on the basis of its knowledge of the risks, the studies it conducts and the trends it observes on a regular basis. As part of the technical provisions process, SCOR reviews available historical data and tries to anticipate the impact of various factors such as changes in laws and regulations, judicial decisions, social and political attitudes, trends in mortality and morbidity, and changes in general economic conditions.

If some information were to be incorrect and/or incomplete, this could have an adverse effect on the Group. Despite the audits it carries out on the companies with which it does business, the Group is still dependent on their reserves assessment.

As is the case for all other reinsurers, the inherent uncertainties in estimating technical provisions are compounded by the significant periods of time that often elapse between the occurrence of an insured loss, the reporting of the loss to the primary insurer and ultimately to SCOR.

Another factor of uncertainty resides in the fact that some of SCOR's activities are long-tail in nature such as long-term care, whole Life products, longevity, workers' compensation, general liability, or medical malpractice, etc. It has, in the past, been necessary for SCOR to revise estimated potential loss exposure on such lines of business.

### C.2.3.2. MANAGEMENT OF TECHNICAL PROVISION RISKS

With regards to technical provisions risk, SCOR seeks high confidence in their adequacy based on the implementation of generally accepted actuarial methodologies, fit for purpose tools and robust processes, controls and reconciliation validated by extensive risk management actions, in particular on assumptions, expert judgment, model, data quality and results. This also includes independent internal and external reviews.

External consulting firms can be mandated to review the P&C technical provisions. Life reserving assumptions used for the technical provisions have been reviewed by an external firm.

The Chief Reserving Actuaries of the divisions are responsible for overseeing the technical provisions of their respective divisions, to assure appropriateness in the methods and parameters used and to enhance technical provisions governance. The Group Chief Actuary is in charge of the independent validation and testing of actuarial tools, workflows, assumptions and processes linked to technical provisions.

All these processes and controls tend to minimize the risk of inadequate technical provisions.

#### Solvency II Technical Provisions

The Solvency II technical provisions, are composed of Best Estimate Liabilities (BEL) and the Risk Margin. The Group Actuarial Function coordinates the calculation of technical provisions across the Group. It relies upon the existing processes and controls as provided in the Actuarial Function Report (AFR). The AFR provides evidence that the duties of the Actuarial Function are being fulfilled, which are specifically to:

- coordinate the calculation of the technical provisions;
- ensure the appropriateness of the methodologies and underlying models used as well as the assumptions made in the calculation of technical provisions;
- assess the sufficiency and quality of the data used in the calculation of technical provisions;
- compare best estimates against experience;
- oversee the calculation of technical provisions in the cases set out in Article 82 of the Solvency II Directive;
- inform the administrative, management or supervisory body of the reliability and adequacy of the calculation of technical provisions.

For further information on how technical provisions are valued, see Chapter D – Valuation for solvency purposes, Section D.2 – Technical provisions.

The contribution of the actuarial function to the management of the risk on technical provisions includes additional specific controls:

- for P&C business, externally audited IFRS reserves (loss reserves and undiscounted IBNR) are the starting point for calculating the Solvency II technical provisions (before discounting). Thereafter, the adjustments made to move from IFRS reserves to the Solvency II technical provisions are reviewed internally and across functions according to the area of expertise of the appropriate stakeholders (P&C division, Finance function, Actuarial Function Holder, etc.);
- for Life business, the BEL is computed centrally based on projected Best Estimate cash flows. Consistency checks on projected cash flows are carried out, as well as analyses on changes in the BEL compared to previous periods;
- the risk margin is calculated in SCOR's internal model, which is subject to an independent validation (for further information on the IM related governance, see Section B.3.3 – Internal model contribution to the ERM framework). The methodology used is aligned with Solvency II requirements and reviewed by the Group Actuarial Function Holder.

For further information on how the Actuarial Function contributes to the effective implementation of the risk management system, see Section B.6 – Actuarial function.

## C.2.4. RETROCESSION AND OTHER RISK MITIGATION TECHNIQUES

Reinsurers typically purchase reinsurance to cover their own risk exposures. Reinsurance of a reinsurer's business is called retrocession. SCOR remains primarily liable to the direct insurer on all risks reinsured although the retrocessionaire is liable to the Group to the extent of the cover limits purchased.

The level of retrocession is selected each year to ensure that SCOR's retained risk profile respects the specific Group risk appetite framework and to help the Group achieve its return on capital and solvency objectives.

SCOR aims at diversifying its retrocession and risk mitigation instruments as well as counterparties in order to take advantage of all different sources of capacities on the market. This enables the retrocession and risk mitigation program to be constructed with complementary mitigation effects offering optimal efficiency and also to avoid overdependence on a limited number of counterparties for future placements.

Beyond traditional retrocession, purchased for all main lines of business, SCOR has implemented a "Capital Shield Strategy", which combines the following solutions:

- traditional retrocession (proportional or non-proportional);
- capital markets solutions and alternative risk transfer solutions (collateralized retrocession, Insurance-Linked Securities including catastrophe bonds);
- solvency buffer: SCOR has set out a solvency scale with clear and well-defined buffers safeguarding the Group's franchise.

Retrocession procedures are centralized in the retrocession teams of the P&C and Life divisions: SCOR's P&C Underwriting Management and Retrocession Department and SCOR's Life Risk Management Department establish and implement the external retrocession plan for the P&C and Life business. These departments are responsible for proper application of the plan, for monitoring the solvency of the retrocessionaires, the related counterparty risks and, when necessary, recovery of balances due.

The availability and efficiency of SCOR's retrocession and risk mitigation program is monitored at Group level on a regular basis in order to ensure that the Group's overall exposure remains within pre-defined risk tolerances.

For further information on how credit risk related to retrocessionaires is managed, see Section C.4.1.2 – Credit risk related to retroceded liabilities.

In addition to externally placed retrocession, SCOR uses intragroup reinsurance/retrocession mainly in order to:

- manage legal entities' net risk profiles, required solvency capital and volatility of results;
- preserve its ability to offer SCOR's clients access to the Group underwriting capacity in each legal entity;
- organize an internal pooling of risks to transfer to the external retrocession covers.

## C.2.5. CONTINGENT CAPITAL FACILITY

SCOR has put in place a contingent capital facility that partially replenishes the Group's capital base in the occurrence of very remote, pre-defined events. The current contingent capital guaranteed equity line provides the Group with EUR 300 million coverage and gives protection against both natural catastrophes and extreme mortality events.

## C.2.6. SPECIAL PURPOSE VEHICLES

The Group sponsors a number of special purpose and alternative risk transfer vehicles designed to reduce SCOR's exposure to catastrophe losses.

For further information see Sections C.2.8.3 and C.2.9.3 – Retrocession and Other Risk Mitigation Techniques.

## C.2.7. UNDERWRITING RISKS AT SCOR SE LEVEL

SCOR SE's underwriting risks are the same as those of the Group. They arise primarily through its interest in other SCOR Group entities, as well as through its direct exposure (direct P&C insurance, reinsurance business underwritten). It relies on the organization defined within the Group. See Sections C.2.1 – P&C reinsurance, C.2.2 – Life reinsurance, C.2.3 – Risks related to technical provisions and C.2.4 – Retrocession and other risk mitigation techniques for further details.

### SPECIAL PURPOSE VEHICLES

Not applicable at SCOR SE level.

## C.2.8. UNDERWRITING RISKS AT SGP&C SE LEVEL

### C.2.8.1. P&C REINSURANCE

SGP&C SE faces the same risks as those of the P&C division and leverages on processes and controls in place within the division to manage its exposure. See Section C.2.1 – P&C reinsurance for further details.

### C.2.8.2. RISKS RELATED TO TECHNICAL PROVISIONS

SGP&C SE faces the same risks related to technical provisions as those of the P&C division and leverages on the processes and controls in place within the division to manage its exposure. See Section C.2.3 – Risks related to technical provisions for further details.

### C.2.8.3. RETROCESSION AND OTHER RISK MITIGATION TECHNIQUES

SGP&C SE relies on the same techniques and processes as the Group in order to manage its risk exposure and to monitor the effectiveness of the mitigation techniques in place.

In line with SCOR Group's Capital Shield Strategy, SGP&C SE aims to diversify its retrocession and risk mitigation instruments as well as counterparties in order to take advantage of all different sources of capacities on the market.

See Section C.2.4 – Retrocession and other risk mitigation techniques.

#### Special purposes vehicles

In February 2015, SCOR sponsored Atlas IX Series 2015-1 which provides the Group with multi-year risk cover capacity of USD 150 million for US Named Storm and US and Canada Earthquake events. The risk period for Atlas IX 2015-1 extends from February 11, 2015 to December 31, 2018.

In January 2016, SCOR sponsored a new catastrophe bond, Atlas IX Series 2016-1, which provides the Group with multi-year risk transfer capacity of USD 300 million to protect itself against US Named Storm and US and Canada Earthquake events. The risk period for Atlas IX 2016-1 runs from January 13, 2016 to December 31, 2019.

All these vehicles use a market index, which means that losses are calculated using pay-out factors applied to market loss. The vehicles are fully funded at the inception of the risk period, ensuring full collateralization of the covers throughout the risk period.

On January 6, 2014, SCOR issued a fully collateralized sidecar, Atlas X Reinsurance Limited ("Atlas X"). It provides the Group with an additional three-year capacity of USD 55.5 million from a new panel of investors.

Atlas X is an Irish-domiciled special purpose reinsurance vehicle. Atlas X and SCOR Global P&C SE have entered into a quota share retrocession agreement, effective January 1, 2014, under which Atlas X reinsures a proportionate share of SCOR's diversified catastrophe portfolios in specific countries. This agreement was terminated on December 31, 2016.

## C.2.9. UNDERWRITING RISKS AT SGL SE LEVEL

### C.2.9.1. LIFE REINSURANCE

SGL SE faces the same risks as those of the Life division and leverages processes and controls in place within the division to manage its exposure. See Section C.2.2 – Life reinsurance for further details.

### C.2.9.2. RISKS RELATED TO TECHNICAL PROVISIONS

SGL SE faces the same risks related to technical provisions as those of the Life division and leverages the processes and controls in place within the division to manage its exposure. See Section C.2.3 – Risks related to technical provisions for further details.

### C.2.9.3. RETROCESSION AND OTHER RISK MITIGATION TECHNIQUES

SGL SE relies on the same techniques and processes as the Group in order to manage its risk exposure and to monitor the effectiveness of the risk mitigation techniques in place.

In line with SCOR Group's Capital Shield Strategy, SGL SE aims to diversify its retrocession and risk mitigation instruments as well as counterparties in order to take advantage of the different sources of capacities on the market.

For further information, see Section C.2.4 – Retrocession and other risk mitigation techniques.

# C.3. MARKET RISKS

## C.3.1. OVERVIEW OF MARKET RISKS

Market risk is the risk that the fair value or future cash flows of a financial instrument fluctuates because of changes in market prices or macroeconomic variables. This includes interest rate risk and currency risk, further described below, as well as equity risk and real estate risk, to which SCOR is exposed through its investments. Market risk also includes credit spread risk on these invested assets. For further information on credit risk, see Section C.4 – Credit risks.

For further information on how other macroeconomic changes (such as changes in the general price level from its current trend) may impact SCOR's assets, see Section C.7.1.1 – Risks related to the macroeconomic environment affecting SCOR's strategy.

For quantitative information on market risk on invested assets, see Section C.1 – Introduction and Section E.1.2 – Solvency Capital Requirement. The presentation of SCOR's assets giving rise to market and credit risks is provided in Section D.1 – Assets. For quantitative information on interest rate risk on liabilities and currency risk, see Section C.1 – Introduction.

### C.3.1.1. INTEREST RATE RISKS

Interest rates are very sensitive to a number of external factors, including monetary and budgetary policies, the national and international economic and political environment, and the risk aversion of economic actors.

Interest rate risk is the risk that the fair value of future cash flows or a financial instrument fluctuates because of changes in interest rates. Interest rate fluctuations have direct consequences on both the market value and the return on SCOR's investments.

During periods of declining interest rates, income from investments is likely to fall due to investment of net cash flows and reinvestments of redemptions at rates lower than those of the existing portfolio (dilutive effect of new investments). For callable bonds for which the issuer has an option to redeem earlier than the ultimate maturity, the probability of having to reinvest the early proceeds at lower interest rates is increased.

On the other hand, an increase in interest rates could lead to a fall in the market value of fixed income securities that SCOR holds.

SCOR's reinsurance business is also exposed to interest rate risk. The value of certain life insurance contracts, long-term P&C liabilities, the risk margin and deposits with cedents are also subject to discounting. The discounting impact from a change in interest rates on assets and liabilities will offset to some extent. For information on the sensitivity of the Group's Solvency Ratio to interest rate movements, see Section C.1.2 – Sensitivity analysis.

Finally, the interest rate risk depends on the duration mismatch between assets and liabilities. As such, changes in interest rates can affect the eligible own funds, the Solvency Capital Requirement and the Solvency Ratio of the Group.

### C.3.1.2. CURRENCY RISKS

Currency risk is the risk of loss arising due to adverse changes in or volatility of foreign exchange rates. This would impact the value of SCOR's assets (e.g. through direct investments in assets denominated in various currencies) and liabilities (e.g. reinsurance treaties with liabilities denominated in specific currencies).

SCOR's main non-French legal entities are located in Ireland, Switzerland, North America, the UK and Asia. The eligible own funds relating to these entities are denominated mainly in Euros, US dollars, British pounds and Canadian dollars.

SCOR has issued debt instruments in currencies other than the Euro, currently Swiss Francs. These debt instruments are either hedged naturally (assets kept in the same currency as the liability) or with derivatives to mitigate the risk of exchange rate movements. Some events, such as catastrophes, can have an impact on the matching of assets and liabilities in a currency, which can generate a temporary unmatched position which is not covered by currency contracts or hedges.

### C.3.1.3. EQUITY INVESTMENT RISKS

Equity investment prices are likely to be affected by risks which affect the market as a whole (uncertainty on economic conditions in general, such as anticipated changes in growth, inflation, interest rate fluctuations, sovereign risk, etc.) and/or by risks which influence a single asset or a small number of assets (specific or idiosyncratic risk). This may lead to a decrease in prices of the equity held by SCOR and may impact its unrealized gains and losses. A material or long-lasting decline in the prices of SCOR's equity holdings may also result in the impairment of its equity portfolio which would affect its net income.

The Group's exposure to the equity market results from direct purchases of stocks or investments in equity funds and in convex equity strategies such as convertible bonds.

#### C.3.1.4. REAL ESTATE RISKS

Real estate risk, either for properties owned directly or through funds, is the risk arising from a variation in the real estate market valuation or a change in rental market conditions, the two being closely linked.

Rental income from the property portfolio is exposed to the variation in the indices on which the rents are indexed (for instance in France, the Construction Cost Index) as well as risks related to the rental market (changes in supply and demand, changes in vacancy rates, impact on market rental values or rent renewals) and lessee default. On the other hand, the indexation may provide an attractive hedge against inflation.

The value of property assets is exposed to the risk of regulatory obsolescence of properties (regulatory developments related to the accessibility of buildings for people with a disability, the reduction of energy consumption and the production of carbon dioxide, etc.) which would lead to losses of value in the event of a sale of the assets or to additional expenditure to restore the value of the property.

#### C.3.1.5. CREDIT SPREAD RISKS

Credit spread risk on invested assets is the risk of incurring a financial loss arising from the change in market assessment of the counterparty risk of the financial instruments or counterparties. Credit spread variations could have a direct impact on the market value of fixed-income securities and loans.

### C.3.2. MANAGEMENT OF MARKET RISKS

#### C.3.2.1. OVERVIEW OF RISK MANAGEMENT OF ASSETS

The investment strategy is prudent with the majority of assets held in cash and fixed income securities. It is defined in line with the risk appetite and risk tolerance limits and considers the economic and market environment and the ALM process.

Investment Guidelines at Group and local levels outline the investment universe and limits, including concentration limits, in line with the objectives of the strategic plan. They are approved by the Group Board/local Board or Executive Management.

SCOR has outsourced the implementation of its investment strategy to its asset management company "SCOR Investment Partners SE" and to external asset managers. They are provided with the Investment Guidelines.

Exposure to major risks is monitored at least on a weekly basis and sensitivities measure the impact of changes in risk drivers on the invested assets portfolio. Analyzing portfolio sensitivity to major risks is an important management tool which is used when making portfolio reallocation or hedging decisions.

In currency and geographic terms, SCOR is mainly exposed to the USD denominated assets with a strong focus on fixed income. In terms of business sector, the Group is particularly exposed to Financial Services. For more information regarding the principles applied to invest the assets in a prudent manner see Section B.3.2.4 – Main control activities – Asset Management.

#### C.3.2.2. MANAGEMENT OF INTEREST RATE RISKS

Interest rate risk is managed from a holistic point of view. The Group monitors the interest rate sensitivity in the Economic Balance Sheet (EBS). Stress tests and regular monitoring enable the exposures to be compared with risk tolerance limits set by the Group or by local entities.

The Group's aim is to maintain an appropriate mix of fixed and variable rate instruments. It also manages the maturities of interest bearing financial assets.

Interest rate risk is managed within the Group primarily at two levels. At the level of each entity, the Group takes into account the regulatory and accounting constraints. At the Group level, SCOR reviews its consolidated investment portfolios in order to identify the overall level of risk and return. It uses analytical tools which guide both its strategic allocation and local distribution of assets. Sensitivity to changes in interest rates is analyzed on a weekly basis.

In addition, SCOR has entered into interest rates swaps to cover its exposure to financial debt with variable interest rates.

#### C.3.2.3. MANAGEMENT OF CURRENCY RISKS

From an economic perspective, SCOR does not hedge the eligible own funds. However, on an economic basis an appreciation (depreciation) of the Euro against other currencies to which the Group is exposed would result in a reduction (an increase) in both SCR and eligible own funds, as the currency split of the Group eligible own funds is broadly in line with the currency split of the Group SCR.

### C.3.2.4. MANAGEMENT OF EQUITY INVESTMENT RISKS

With regards to equity investments, the Group's objective is to develop and manage a high-quality diversified portfolio.

The Group's equity selection is predominantly based on a bottom-up fundamental analysis with the goal to develop a diversified portfolio of stocks, and convertible bonds directly or through mutual funds. Due to the inherent volatility of equities, this asset class (direct positions and mutual funds) is monitored on a frequent basis, facilitating quick arbitrage or portfolio re-allocation decisions. On a Group level, the equity exposure is set and reviewed at least quarterly by the Group Investment Committee. Equity risk is also monitored by establishing maximum exposures per stock or mutual fund and is reviewed regularly (e.g. exposure to large-cap stocks will generally be greater than exposure to mid-cap stocks). The holding's ratios on mutual funds are also reviewed regularly, based on the mutual fund's portfolio.

### C.3.2.5. MANAGEMENT OF REAL ESTATE RISKS

SCOR has adopted an active strategy in the selection of its core buildings and takes environmental quality into account during the decision making process.

### C.3.2.6. MANAGEMENT OF CREDIT SPREAD RISKS

SCOR applies strict limits in terms of asset concentration by asset class but also within a single asset class and actively diversifies its portfolio (by type of investment, by issuer, by country and by sector). These limits also enable it to limit credit default risk arising from investments.

## C.3.3. MARKET RISKS AT SCOR SE LEVEL

SCOR SE's market risks are the same as those of the Group, as described in Section C.3.1 – Overview of market risks. They arise primarily through its participation in other SCOR Group entities, as well as through its own investment portfolio. It relies on the risk management mechanisms defined by the Group, as detailed in Section C.3.2 – Management of market risks.

## C.3.4. MARKET RISKS AT SGP&C SE LEVEL

SGP&C SE is exposed to similar types of market risks as those of the Group, as described in Section C.3.1 – Overview of market risks, and is aligned with the strategy of the Group in order to manage its exposures, as detailed in Section C.3.2 – Management of market risks. The section below describes specificities at SGP&C SE level.

Investments Guidelines at local level define the investment universe and limits, including concentration limits, in line with the agreed strategy. They are approved by the SGP&C SE Board or Executive Management.

SGP&C SE has delegated the management of its assets to SCOR SE through a Master Investment Management Agreement. SCOR SE has outsourced the implementation of its investment strategy to SCOR Investment Partners SE or external asset managers. They are provided with the Investment Guidelines presented in Section B.3.2.4 – Main control activities – Asset Management.

### CURRENCY RISKS

SGP&C SE holds interests in legal entities which are located in Switzerland, Canada, the UK and Asia. The Net Asset Values of these entities are denominated mainly in Euros, US dollars, British pounds and Canadian dollars.

As a result, fluctuations in the exchange rates used to convert foreign currencies into Euros, particularly the fluctuation of the US dollar against the Euro, have had and may have in the future, an adverse effect on SGP&C SE's reported net equity and eligible own funds from year to year.

## C.3.5. MARKET RISKS AT SGL SE LEVEL

SLG SE is exposed to the same types of market risks as the Group, as described in Section C.3.1 – Overview of market risks, and is aligned with the strategy of the Group in order to manage its exposures, as detailed in Section C.3.2 – Management of market risks. The section below describes specificities at SGL SE level.

Investments Guidelines at local level define the investment universe and limits, including concentration limits, in line with the agreed strategy. They are approved by the SGL SE Board or Executive Management.

SGL SE has delegated the management of its assets to SCOR SE through a Master Investment Management Agreement. SCOR SE has outsourced the implementation of its investment strategy to SCOR Investment Partners SE or external asset managers. They are provided with the Investment Guidelines presented in Section B.3.2.4 – Main control activities – Asset management.

### CURRENCY RISKS

SGL SE holds interests in legal entities which are located in Ireland and the Americas. The assets and liabilities of these participations are denominated in US dollars.

As a result, fluctuations in the exchange rates used to convert foreign currencies into Euros, particularly the fluctuation of the US dollar against the Euro, have had and may have in the future, an adverse effect on the values of these participations on SGL SE's economic balance sheet and therefore on SGL SE's eligible own funds from year to year.

# C.4. CREDIT RISKS

For quantitative information on credit risk, see Section C.1 – Introduction and Section E.1.2 – Solvency Capital Requirement. The presentation of SCOR's assets giving rise to market and credit risks is provided in Section D.1 – Assets.

## C.4.1. OVERVIEW OF CREDIT RISKS

Credit risk is the risk of incurring a loss as a result of an unexpected change in the financial situation of a counterparty.

This includes credit default risk which is the risk that one party to a financial instrument or other asset will cause a financial loss to the other party by unexpectedly failing to discharge, either partially or fully, an obligation. Credit risk also includes Credit migration risk, which is the risk of incurring a financial loss, due to a change in the value of a contractual agreement following unexpected changes in the credit quality of our counterparties.

SCOR is mainly exposed to the following credit risks or the accumulation of such risks in a single counterparty, in the same sector of activity or the same country: from bond and loan portfolios, liabilities retroceded also called share of retrocessionaires in contract liabilities, deposits with cedents, future cash flows from Life reinsurance treaties, cash deposits at banks and default of members of pools which SCOR is a member of. SCOR may also be exposed to credit risk through its Credit and Surety reinsurance portfolio.

Credit risk is actively monitored and managed. The processes for managing the respective credit risks and the methods used to measure these risks are further described below. For further information on risk concentrations, see Section C.7.2 – Significant risk concentrations at the level of the Group.

### C.4.1.1. CREDIT RISK RELATED TO BOND AND LOAN PORTFOLIOS

A deterioration in the financial situation of an issuer (sovereign, public or private) or borrower can, for example, lead to its insolvency and to the partial or total loss of coupons and of the principal invested or lead to a loss in value.

This risk applies also to loan transactions in which the Group invests. The borrower's solvency deterioration may lead to a partial or total loss of the coupons and the nominal invested by SCOR.

### C.4.1.2. CREDIT RISK RELATED TO RETROCEDED LIABILITIES

SCOR transfers part of its risks to retrocessionaires via retrocession programs in exchange for the payment of premiums. The retrocessionaires then assume the losses related to claims covered by the retrocession contracts. If a retrocessionaire defaulted, or its financial situation deteriorated, SCOR could lose part or all of the coverage provided by its retrocessionaire whereas it would retain its liability towards the cedent for the payment of all claims covered under the reinsurance contract.

SCOR could also lose receivables from the defaulting retrocessionaire (receivables are due to a timing difference between statement accounts received and real payment due for positive balances of retrocessionaire accounts).

### C.4.1.3. CREDIT RISK RELATED TO DEPOSITS WITH CEDENTS

SCOR may be exposed to credit risk in relation to amounts deposited with ceding companies in respect of reinsurance reserves which cover its liabilities. However, depositing these amounts does not a priori discharge the Group of its liability towards the cedent in cases where it is not able to recover all or part of these amounts in the event of a cedent default or a deterioration in the financial situation of that cedent. Hence, it is, at least in principle, possible that the Group may remain liable for paying claims due under the reinsurance treaty without being able to offset all or part of the corresponding deposits.

### C.4.1.4. CREDIT RISK RELATED TO FUTURE CASH FLOWS OF LIFE REINSURANCE TREATIES

Under most of its Life reinsurance contracts, SCOR expects to receive premiums from its cedents over several years. These often exceed expected future payments for claims, commissions, etc., meaning that SCOR expects to receive future positive cash flows.

Credit risk on future cash flows from Life reinsurance policies arises from two risk factors:

- the payment of future cash flows expected under Life reinsurance contracts requires that the cedent is financially sound. Therefore, SCOR risks a reduction in the value of its portfolio of Life contracts in the event of a deterioration in the financial strength of the cedent;
- a reduction in the value of future cash flows could arise from material unexpected lapsation of policies following a deterioration of the cedent's credit rating or standing or an event which has a negative effect on the cedent's reputation.

### C.4.1.5. CREDIT RISK RELATED TO CASH DEPOSITS AT BANKS

SCOR is exposed to the risk of losing all or part of any cash deposited with banks, in the event that such a bank is no longer able, due to insolvency, to honor its commitments (e.g. following liquidation). The current main risk for the Group is the significant concentration of deposits in a small number of banks. This risk is a direct result of the selection of the most stable banks.

### C.4.1.6. OTHER CREDIT RISKS

#### Default of pool members

For special highly-technical risk categories such as Terrorism, Nuclear, Aviation or Pollution, SCOR chooses to participate in various market dedicated groups of insurers and reinsurers ("pools") aimed at pooling the relevant risks among the members of each group and which offer best available expertise and risk sharing at market level. In the event of a total or partial default by one of the members of a group, it could be required to assume, in the event of joint liability of the members, all or part of the liabilities of the defaulting member.

## C.4.2. MANAGEMENT OF CREDIT RISKS

### MANAGEMENT OF CREDIT RISK RELATED TO BOND AND LOAN PORTFOLIOS

SCOR mitigates the credit risk related to bond and loan portfolios by careful analysis and selection of issuers, and by a policy of geographic sector diversification. SCOR maintains its investment policy in high-quality assets and in countries with the lowest sovereign risk.

Exposure analyses are performed on a regular basis (sector, geographical area, counterparty and rating) and enables critical risks to be identified and evaluated in order to take appropriate actions.

### MANAGEMENT OF CREDIT RISK RELATED TO RETROCEDED LIABILITIES

SCOR selects retrocessionaires carefully, taking into account their financial strength, and regularly monitors the Group's exposure to retrocessionaires taking into account all relevant accounting balances (estimated and actual claims, premiums, reserves, deposits and pledges) and provides summary reports to the divisional and Group Risk Committees on a regular basis. SCOR typically requires that unrated retrocessionaires pledge assets or provide other forms of collateral (cash deposits or letters of credit) to the value of their maximum potential contract liability, even though the actual retrocessionaire liability to SCOR in the balance sheet is lower.

### MANAGEMENT OF CREDIT RISK RELATED TO DEPOSITS WITH CEDENTS

SCOR favors deposit arrangements with the ability to offset liabilities against deposits with high legal certainty.

Deposits with cedents are monitored through a quarterly analysis of exposure and associated risks. Actions aiming at reducing or limiting the exposure (e.g. ad hoc legal opinions, introduction of offset clauses) can be implemented where needed.

### MANAGEMENT OF CREDIT RISK RELATED TO FUTURE CASH FLOWS FROM LIFE REINSURANCE TREATIES

SCOR monitors the development of its cedents' financial situation through regular contact, which enables SCOR to take appropriate action when deemed necessary. In addition, credit risk on future cash flows from Life reinsurance policies is mitigated by industry-wide protection solutions in several countries, such as "Protektor" in Germany.

### MANAGEMENT OF CREDIT RISK RELATED TO CASH DEPOSITS AT BANKS

SCOR selects bank counterparties according to their rating and credit quality. Concentration risk from cash deposits at banks is mitigated by setting counterparty exposure limits. SCOR takes into consideration the public assistance (e.g. loans, guarantees of deposits, nationalizations) which certain banks may benefit from during a financial crisis, as they are important in the economy of their respective country.

For further information on how risks related to invested assets are managed, see Section C.3 – Market risks.

### MANAGEMENT OF OTHER CREDIT RISKS

In the event of joint liability of the members in pools in which SCOR participates, the risk of default of other pool members is carefully monitored by SCOR:

- through its appointment as director and via the participation of its senior management in dedicated committees such as Audit and Risk Committees and Technical Committees, for the pools in which SCOR's participation is the most significant; and
- via the careful consideration of the financial situation of other pool members. This contributes to the application of sound and robust governance.

## C.4.3. CREDIT RISKS AT SCOR SE LEVEL

SCOR SE's credit risks are the same as those for the Group. They arise primarily through its interests in other SCOR Group entities, as well as through its direct exposures (P&C direct insurance, reinsurance business directly underwritten or own investment portfolio). It relies on the organization defined within the Group, detailed in Sections C.4.1 – Overview of credit risks and C.4.2 – Management of credit risks, in order to be able to assess and control its risks.

## C.4.4. CREDIT RISKS AT SGP&C SE LEVEL

### C.4.4.1. CREDIT SPREAD RISK

SGP&C SE is exposed to the same type of credit spread risk as the Group. In line with the Group, SGP&C SE applies strict rules in terms of asset concentration by asset class but also within a single asset class and actively diversifies its portfolio (by type of investment, by issuer, by country and by sector). See Section C.3.1.5 – Credit spread risk for further details.

### C.4.4.2. COUNTERPARTY DEFAULT RISKS

SGP&C SE is mainly exposed to the same type of counterparty default risk as the Group. The entity may also be exposed to credit risk through its Credit & Surety reinsurance portfolio. Credit risk is actively monitored and managed.

The processes for managing the respective risks and methods used to measure the risks are aligned with those of the Group. See Section C.4.2 – Management of credit risks.

## C.4.5. CREDIT RISKS AT SGL SE LEVEL

### C.4.5.1. CREDIT SPREAD RISK

SGL SE is exposed to the same type of credit spread risk as the Group. In line with the Group, SGL SE applies strict rules in terms of asset concentration by asset class but also within a single asset class and actively diversifies its portfolio (by type of investment, by issuer, by country and by sector). See Section C.3.1.5 – Credit spread risk for further details.

### C.4.5.2. COUNTERPARTY DEFAULT RISKS

SGL SE is exposed to the same type of counterparty default risk as the Group.

The processes for managing the respective risks and methods used to measure the risks are aligned with those of the Group (See Section C.4.2 – Management of credit risks).

# C.5. LIQUIDITY RISKS

## C.5.1. OVERVIEW OF LIQUIDITY RISKS

Liquidity risk arises when available liquidity is not sufficient to meet liquidity needs. This liquidity shortfall can result either from:

- a deviation from planned liquidity needs over either the short term, or the medium/long-term;
- a deviation from estimated liquidity capacities, e.g. due to adverse business conditions.

### C.5.1.1. LIQUIDITY NEEDS

SCOR needs liquidity to pay claims, operating expenses, interest payments and redemptions on its debts and declared dividends on its share capital. Without sufficient liquidity, the Group may be forced to curtail its operations, and business will suffer. In the case of catastrophe claims, in particular, it may need to settle amounts which exceed the amount of available liquidity in a reduced timeframe. SCOR's liquidity needs to cover catastrophe exposures are calibrated using the Group's gross (before retrocession) Nat Cat annual loss distributions, on top of other regular liquidity needs as listed above.

Liquidity needs may also arise from increased collateral requirements. Some facilities SCOR uses to grant letters of credit to cedents require 100% collateral in case of non-compliance with financial covenants or in case of a decrease in the Group's financial strength rating, which would result in a deterioration of the Group's liquidity level. Collateral arrangements are also used by SCOR when the jurisdictions in which SCOR operates demand collateral or when clients demand collateral for risk mitigation purposes. This is especially the case in the US for business falling under the NAIC Model Regulation XXX or Valuation of Life Insurance Policies Model Regulation, commonly referred to as Regulation XXX (or Triple X). Letters of Credit carry the risk of a duration mismatch, i.e. that short-term Letters of Credit are covering longterm business and might have to be renewed at less favorable conditions, creating additional cost.

### C.5.1.2. SOURCES OF LIQUIDITY

The principal internal sources of the Group's liquidity are reinsurance premiums, cash flows from its investment portfolio and other assets, consisting mainly of cash or assets that are readily convertible into cash.

External sources of liquidity in normal markets include a variety of short and long-term instruments, such as repurchase agreements, commercial paper, medium- and long-term debt, junior subordinated debt securities, capital securities and raising additional funds in the equity markets.

SCOR's ability to access external sources of liquidity may be subject to adverse capital and credit market conditions.

Liquidity risks are increased when capital and credit markets experience extreme volatility or disruption, as SCOR may need to sell a significant portion of its assets quickly and on unfavorable terms, particularly if current internal resources do not satisfy its liquidity needs.

This risk may be increased due to the characteristics of certain assets held by SCOR, whose liquidity may be limited due to contractual or regulatory constraints (e.g. investments in corporate, real estate or infrastructure loans).

The availability of additional financing will depend on a variety of factors. These notably include market conditions, the general availability of credit, the volume of trading activities, the overall availability of credit to the financial services industry, SCOR's credit ratings and credit capacity, as well as the possibility that customers or lenders could develop a negative perception of SCOR's long- or short-term financial prospects if the Group incurs large investment losses or if the level of SCOR's business activity decreases due to a market downturn. Similarly, access to funds may be impaired if regulatory authorities or rating agencies take negative action that could penalize SCOR. The liquidity of several asset classes owned by SCOR may also be negatively impacted by changes to regulations or by non-conventional monetary policies. If so, these factors could prevent SCOR from successfully obtaining additional financing on favorable terms.

## C.5.2. MANAGEMENT OF LIQUIDITY RISKS

SCOR's liquidity position is closely monitored from two points of view: timing and transferability.

### TIMING

SCOR assesses liquidity risks arising from both short-term and long-term liquidity needs. SCOR manages these risks via different mechanisms which consider:

- actions to be taken by the insurance or reinsurance business areas to take into account both short-term and long-term liquidity risk; and
- the appropriateness of the composition of the assets in terms of their nature, duration and liquidity in order to meet the obligations as they fall due.

Short-term liquidity, or cash management, includes the day-to-day cash requirements under normal business conditions.

Liquidity considerations over the long-term are assessed in a way which takes into consideration the possibility of various unexpected and potentially adverse business conditions where assets may not be sold for current market values. SCOR estimates the level of its immediately tradeable assets (i.e. non-pledged assets) which could be sold within a reasonable timeframe.

### TRANSFERABILITY

In addition, SCOR monitors the level of transferability of immediately tradeable assets between entities, depending on local and regulatory constraints.

The Group has also been granted credit facilities from several banks to support the reinsurance activities of various subsidiaries. The Group regularly adapts and renews these facilities to support its business needs.

Additional information on the timing of obligations and liquidity risk is included in the 2017 Registration Document, Section 3.6.3 – Maturity profiles. Quantitative information on liquid assets of SCOR Group is provided in the 2017 Registration Document, Section 4.6 – Notes to the consolidated financial statements, Note 7 – Insurance business investments.

## C.5.3. EXPECTED PROFITS INCLUDED IN FUTURE PREMIUMS

SCOR Group's expected profit included in future premiums (EPIFP) as at year-end 2017 amounts to EUR 4,017 million. EPIFP results are produced by SCOR for the purposes of QRT reporting. They are not used for internal processes regarding capital management, the details of which are provided in Chapter E – Capital Management.

## C.5.4. LIQUIDITY RISKS AT SCOR SE LEVEL

### C.5.4.1 LIQUIDITY RISKS AND RISK MANAGEMENT MECHANISMS

SCOR SE's liquidity risks are the same as those for the Group, as described in Section C.5.1 – Overview of liquidity risks. It relies on the organization defined within the Group, as described in Section C.5.2 – Management of liquidity risks, in order to be able to assess and control its risks.

### C.5.4.2. EXPECTED PROFITS INCLUDED IN FUTURE PREMIUMS

SCOR SE's EPIFP as at year-end 2017 amounts to EUR 89 million. EPIFP results are produced by SCOR for the purposes of QRT reporting. They are not used for internal processes regarding capital management, the details of which are provided in Chapter E – Capital Management.

## C.5.5. LIQUIDITY RISKS AT SGP&C SE LEVEL

### C.5.5.1. LIQUIDITY RISKS AND RISK MANAGEMENT MECHANISMS

SGP&C SE's liquidity risks are aligned with those of the Group, as described in Section C.5.1 – Overview of liquidity risks. It relies on the organization defined within the Group, as described in Section C.5.2 – Management of liquidity risks.

### C.5.5.2. EXPECTED PROFITS INCLUDED IN FUTURE PREMIUMS

SGP&C SE's EPIFP as at year-end 2017 amounts to EUR 40 million. EPIFP results are produced by SCOR for the purposes of QRT reporting. They are not used for internal processes regarding capital management, the details of which are provided in Chapter E – Capital Management.

## C.5.6. LIQUIDITY RISKS AT SGL SE LEVEL

### C.5.6.1. LIQUIDITY RISKS AND RISK MANAGEMENT MECHANISMS

SGL SE's liquidity risks are aligned with those of the Group, as described in Section C.5.1 – Overview of liquidity risks. It relies on the organization defined within the Group, as described in Section C.5.2 – Management of liquidity risks.

### C.5.6.2. EXPECTED PROFITS INCLUDED IN FUTURE PREMIUMS

SGL SE's EPIFP as at year-end 2017 amounts to EUR 693 million. EPIFP results are produced by SCOR for the purposes of QRT reporting. They are not used for internal processes regarding capital management, the details of which are provided in Chapter E – Capital Management.

# C.6. OPERATIONAL RISKS

## C.6.1. OVERVIEW OF OPERATIONAL RISKS

For quantitative information on operational risk, see Section C.1 – Introduction and Chapter E – Section 1.2 – Solvency Capital Requirement.

Operational risks are inherent to all businesses, including SCOR's. Operational risks may be split into four broad categories further described below: risks related to staff, systems or facilities, processes or external events.

### C.6.1.1. RISKS RELATED TO STAFF

Risks related to staff can arise as follows:

- the failure to attract or retain key personnel or the loss of crucial information/skills concentrated in a single person, or of a whole team;
- incidents due to mistakes or non-compliance with instructions, guidelines or policies;
- internal staff mandated by SCOR having authorized access to SCOR's offices or systems, or taking advantage of SCOR's assets for personal gain, e.g. through the misappropriation of assets, tax evasion, intentional mismarking of positions or bribery;
- intentional damage to assets (including data) required by SCOR to perform its operations by internal or external staff could lead to significant additional remediation costs (to rebuild databases or systems).

### C.6.1.2. RISKS RELATED TO SYSTEMS OR FACILITIES

Risks related to systems can arise as follows:

- a malfunction or a major breakdown in SCOR's IT systems, outages, disruptions due to viruses, attacks by hackers and thefts or data breaches. This can occur within SCOR's own environment or to a third party providing services or data to SCOR;
- interruption of any of SCOR's IT systems leading to loss of data, delays in service or in a loss of efficiency of teams, which could lead to remediation costs, loss of contracts or damage to the Group's reputation. In addition, these incidents could increase other operational risks such as external fraud or human error (e.g. delay in the recognition of adverse business development). The interruption of these systems could damage commercial activities including underwriting, pricing, reserving, premium and claims payment, commercial support, and asset management;
- in addition, the facilities in which SCOR operates might be impacted by natural or man-made perils. The offices might need to be closed for a period of time potentially resulting in a loss of productivity and business opportunity, as well as remediation costs.

### C.6.1.3. RISKS RELATED TO PROCESSES

SCOR's risk management policies, procedures and controls may not be appropriate or sufficient. In particular, any additional workload to the planned activities could reduce the efficiency of some processes and controls. For example, the creation of a new entity or development of a new line of business may lead to an accumulation of operational risks.

Since SCOR remains responsible for commitments or services contracted, including for outsourced activities, inappropriate client relationship management or an inadequate level of service and/or product quality provided by SCOR to its clients or a breach of contract may lead to a loss of profitable business relationships.

In addition, SCOR may be involved in legal and arbitration proceedings due to non-protective terms of a contract, denounced either by third parties or internally which could lead to an unfavorable outcome. There are no governmental, judicial or arbitration proceedings, including any proceedings SCOR would be aware of, pending or which SCOR could be threatened with, likely to have or having a significant impact on SCOR's financial situation or profitability over the last 12 months.

Some of SCOR's and SCOR's subsidiaries' processes are partially or fully outsourced. The failure of outsourced processes could lead to direct losses and other operational incidents.

For further details on the main current regulatory developments which may have an impact on SCOR, please see Section C.7.1.3. – Risks related to legal and regulatory developments.

### C.6.1.4. RISKS RELATED TO EXTERNAL EVENTS

SCOR may be exposed to an unfavorable business environment such as evolving or additional regulatory constraints potentially hindering its business model.

#### Legal and regulatory risk in SCOR's operating environment

As an international group, SCOR must comply with national and international laws, regulations and accounting standards. This includes all applicable economic sanctions, programs relating to anti-corruption, anti-money laundering, in addition to anti-terrorism laws, and laws and regulations applicable to its operations. Laws and regulations applicable to some of SCOR's operations refer inter alia to the economic trade sanctions laws and regulations administered by the United States Department of the Treasury's Office of Foreign Assets Control (OFAC) and to certain laws administered by the United States Department of State. Other directives with which SCOR complies apply to anti-money laundering, corruption, terrorism financing and insider trading (e.g. the European Regulation of April 2014 on market abuses). Regarding anti-corruption laws and regulations, SCOR must comply with the Foreign Corrupt Practices Act (FCPA) and other laws such as the UK Bribery Act, that bar corrupt payments or unreasonable gifts to foreign governments or officials. In addition, SCOR must now also comply with the provisions of the Sapin II law which requires large companies (i.e. with revenues exceeding EUR 100 million and with at least 500 employees) to implement plans that prevent corruption, with sanctions in case of non-compliance.

The level of legal, regulatory, tax or accounting requirements depends on several factors including the type of business (e.g. primary insurance or reinsurance business), the location and the legal structure of the entity of SCOR. The large number of different regulatory environments in which SCOR operates, as well as changes in present and future regulations, increase the complexity of the related Group processes. Any violation of laws, regulations or accounting requirements could expose SCOR to fines, class actions with compensation payments, accounts restatements or business restrictions.

Following Brexit, the direct P&C insurance activities for European Economic Area (EEA) clients currently carried by SCOR UK may need to be carried in the future by a legal entity based in the EEA in case insurers based in the United Kingdom would lose their European passport. In order to prepare for such an event SCOR has decided to create a P&C insurance company in France to serve its continental clients, while maintaining the insurance company SCOR UK for its other clients. Also, SCOR stands ready to ask the Prudential Regulation Authority for any required approvals in order to allow the continuation of the activity of its reinsurance branches in the United Kingdom.

#### Other risks related to external events

SCOR is also exposed to external fraud which is characterized by the fraudulent misappropriation of certain of SCOR's assets by third parties. External frauds may be perpetrated by various means including cyber-attacks and usually target cash, or data. Should they succeed in bypassing the controls, or protection measures in place, this could generate a direct loss for the Group.

SCOR is exposed to cyber-attacks which can be very diverse in their sophistication and execution. The main targets are system functions, data and cash management. Immediate repercussions include:

- systems could be slowed down, corrupted or stopped, potentially resulting in loss of productivity, corrupted data and remediation costs;
- data could be stolen, deleted or corrupted, or made public in contradiction with SCOR's regulatory or contractual obligations.

Any of these could generate a reputational risk, give rise to a breach of SCOR's legal responsibility, and may result in regulatory sanctions depending on the level of sensitivity of the data or system that is successfully attacked. The cyberattack could also assist external fraudsters resulting in a financial loss.

## C.6.2. MANAGEMENT OF OPERATIONAL RISKS

The two main principles driving the operational risk management approach are:

- exhaustiveness: ensure that a complete and exhaustive identification of all risks within the Group is carried out to the extent possible;
- proportionality: once operational risks are identified, management uses appropriate and proportionate responses, resources and procedures, focusing on key risks.

The process owners are responsible for managing operational risks within the processes. To meet high quality standards, the Group relies on a highly qualified staff to manage processes and the risks within these processes.

In order to support the staff, SCOR has developed Internal Control System (ICS) standards. According to the ICS standards, process owners should be in a position to identify the critical operational risks within the processes assigned to their area of responsibility. The process owners design, implement and operate appropriate key controls and maintain the net risk exposure at or below an acceptable level of possible damage.

At Group level, experienced staff members collect relevant information and analyses on operational risks, on a qualitative and quantitative basis. When relevant, they develop key indicators, with support from the Group Risk Management Department. The Group has also implemented regular risk reporting mechanisms in order to provide for an overview of risks across the Group, as well as mitigate and monitor risks identified.

At legal entity level, depending on local requirements, specific operational risk management processes are implemented, where relevant.

In addition, through its assignments, Group Internal Audit (GIA) contributes to the oversight of operational risk management.

Outsourcing some activities or processes may improve or streamline some aspects of a process, but SCOR is still expected to deliver the same level of service. Principles to properly manage potential operational risks stemming from outsourcing of certain functions are set out in dedicated policies and guidelines.

On risks which may develop rapidly, such as external fraud, SCOR frequently adapts its risk management, for example by organizing specific training programs and sending regular warnings and detailed instructions to its employees.

Some of the previously mentioned operational risks are transferred in whole or in part to direct insurers as follows:

- the properties and other assets of SCOR and its subsidiaries are covered locally through property damage policies;
- risks which are mostly covered at Group level include civil liability risks related to the operation of the company caused by employees and real estate, professional liability risks, civil liability risks of directors and officers, and cyber risks.

Nevertheless, these insurance covers could prove to be insufficient and some losses could fall into the scope of the exclusion clauses (or interpreted as such by the insurance company).

## C.6.3. OPERATIONAL RISKS AT SCOR SE LEVEL

SCOR SE's operational risks are the same as those for the Group, as described in Section C.6.1 – Overview of operational risks. It relies on the organization defined within the Group, as detailed in Section C.6.2 – Management of operational risks.

## C.6.4. OPERATIONAL RISKS AT SGP&C SE LEVEL

SGP&C SE's operational risks are aligned with those of the Group, as described in Section C.6.1 – Overview of operational risks. It relies on the organization defined within the Group, as detailed in Section C.6.2 – Management of operational risks.

## C.6.5. OPERATIONAL RISKS AT SGL SE LEVEL

SGL SE's operational risks are aligned with those of the Group, as described in Section C.6.1 – Overview of operational risks. It relies on the organization defined within the Group, as detailed in Section C.6.2 – Management of operational risks.

# C.7. OTHER MATERIAL RISKS

## C.7.1. STRATEGIC RISKS

Strategic risk can arise either from the strategy itself (such as the accumulation of risks or development in lines of business or less known markets), from external risks (such as an adverse economic environment), or from internal risks (such as certain causes of operational risk). Therefore, many of the risks discussed throughout Chapter C – Risk profile, including emerging risks, could also impact the success of the strategy.

The main strategic risks to which SCOR is exposed are described below.

### C.7.1.1. RISKS RELATED TO THE MACROECONOMIC ENVIRONMENT AFFECTING SCOR'S STRATEGY

The main risks are the uncertain economic recovery that may affect SCOR's growth in both emerging and advanced economies, and the poor returns on financial markets exacerbating the adverse competitive environment.

#### A deterioration in the global capital markets and global economy from present conditions could have a material adverse effect on SCOR's business and operating results

The Group's operating result could be materially affected by the economic and financial situation in France and other countries in continental Europe, the United Kingdom, the United States of America and elsewhere around the world, particularly in Latin America and Asia-Pacific. Any protracted deterioration in macroeconomic trends could have an adverse effect on SCOR's business and operating result. Even though the global economy is going through a synchronized expansion, several imbalances accumulated since the 2008 crisis pose significant risks. In particular, the growing debt of governments in advanced economies and of private companies in emerging countries could generate significant adjustments if the main central banks were to significantly raise interest rates. As a result, financial markets could enter a period of high volatility, which could lead to adverse consequences such as waves of company defaults, or a major liquidity crisis. Although growth in the Eurozone has become more robust, thanks to both internal and external momentum, its maintenance may become increasingly difficult due to several challenges; for example, the ongoing Brexit negotiations, continuing economic disparities between EU countries and increased political risks. Increases in Eurozone members' sovereign yields or even sovereign defaults may result from these challenges. SCOR cannot predict whether any of the government securities that it holds in its investment portfolio will be adversely affected in the future by ratings downgrades, or potential sovereign debt market tensions.

The global economy is also at risk from the exit strategies from the unconventional policies of central banks, which are either not defined or will have unknown consequences; for example, on one hand an extreme normalization by the FED could spur a rise in interest rates along the entire yield curve. Financing conditions could thus deteriorate across sectors and economies. In particular, emerging and developing economies may suffer from capital outflows in the wake of a faster than expected US monetary normalization.

On the other hand, significant delays in the normalization of exceptionally accommodating monetary policies might increase biases in the price of many assets, with the possibility of asset bubbles developing and then bursting in some markets and/or leading to a resurgence of high inflation for a protracted period.

This uncertain environment and the potential market volatility may have an adverse effect on SCOR, from both an investment and reinsurance business viewpoint.

##### Impact on SCOR's Investment activities

SCOR has a large investment portfolio. In the event of extreme prolonged market events, such as global credit crises, SCOR could incur significant losses in its investment portfolio.

Even in the absence of a market downturn, SCOR remains exposed to a substantial risk of losses due to market volatility.

##### Impact on SCOR's reinsurance business

SCOR is also dependent on customer behavior and premium growth. The Group's premiums could decline in the case of an unfavourable macroeconomic environment and its profit margins could erode. In an economic downturn, the demand for SCOR's and its clients' products could be adversely affected. Factors such as government and consumer spending, corporate investment, the volatility and strength of both debt and equity markets, and inflation, all affect the business and economic environment and ultimately, the size and profitability of SCOR's business. In addition, the ongoing low interest rate environment continues to stimulate the inflow of alternative capital which has been contributing to the current soft market i.e. the reduction in (re) insurance premium rates.

The Group may also experience an elevated incidence of claims or be impacted by a decrease in demand for reinsurance and increased surrenders of policies from the cedents (see paragraph on lapse risk in Section C.2.2.4 – Policyholder behavior risk) that could affect the current and future profitability of its business. Although written premiums have seen steady growth in prior years, a prolonged economic crisis could result in lower written premiums in the future.

### SCOR is exposed to significant and protracted deviations of inflation from its trend

The Group's liabilities are exposed to a significant increase in the rate of general inflation (prices and salaries) which would require an increase in the value of reserves, in particular in respect of P&C long-tail business, general liability (medical among others) and motor bodily injury claims. In addition, SCOR is exposed to claims inflation over and above general inflation and in particular to the inflation of court awards in respect of general liability and bodily injury claims. For further information on P&C long-tail technical provision deterioration, see Section C.2.1.1 – P&C long-tail technical provision deterioration.

SCOR's assets are also exposed to increased inflation or inflationary expectations, accompanied by a rise in the yield curve with a subsequent reduction in the market value of its fixed income portfolios. Increased inflation could also have a negative impact on the solvency of bond issuers; a widening of credit spreads would lead to a loss of value for the issuers' bonds. Finally, depending on the macroeconomic environment, an increase in inflation could also reduce the value of SCOR's equity portfolio. Any negative fluctuations in equity values would lead to a similar decrease in eligible own funds.

Although the risk of inflation is relatively higher in the current context of exceptionally accommodating monetary policies, theoretically, the risk of deflation cannot be excluded. The Group's liabilities could be exposed to a protracted period of deflation which could exert a negative pressure on reinsurance prices and decrease the value of new premiums.

A protracted period of deflation could also induce a decrease in interest rates all along the yield curve and may therefore negatively impact the returns on SCOR's fixed income assets. In addition, the value of SCOR's equity portfolio might decline as deflation could reduce the future cash flows of the companies whose stocks are part of the Group's portfolio.

In conclusion, both high inflation and a protracted episode of deflation could have a material adverse effect on SCOR.

### Management of risks related to the macroeconomic environment affecting SCOR's strategy

These risks are monitored via a robust strategic planning approach and regular risk reporting mechanisms throughout the Group, including complementary risk analyses on ad hoc topics, where deemed necessary. Potential impacts on SCOR's risk profile are managed through a variety of dedicated and transversal risk management mechanisms.

## C.7.1.2. RISKS RELATED TO THE COMPETITIVE ENVIRONMENT

### SCOR operates in a highly competitive sector and would be adversely affected by losing competitive advantage or if adverse events had an impact on the reinsurance industry

Reinsurance is a highly competitive sector. As is the case for all other reinsurers, SCOR's position in the reinsurance market is based on several factors, such as its financial strength as perceived by the rating agencies, its underwriting expertise, its reputation and experience in the lines written, the countries in which it operates, the premiums charged, as well as the quality of the proposed reinsurance products and services offered, particularly in terms of claims settlement and payment. The Group competes for business in the European, American, Asian and other international markets with numerous international and domestic reinsurance companies, some of which have a larger market share than SCOR, greater financial resources, state backing, and, in certain cases, higher ratings from the rating agencies.

Therefore, SCOR remains exposed to the risk of losing its competitive advantage. In particular, when available reinsurance capacity, via traditional reinsurers or capital markets, is greater than the demand from ceding companies. Its competitors, in particular (re)insurers benefiting from higher ratings than SCOR's or other competitors in alternative capital markets, may be better positioned to enter new contracts and gain market shares at SCOR's expense.

Furthermore, the Group's reputation is sensitive to reinsurance sector information. It can be affected by adverse events concerning competitors but also by its own business activity, such as financial difficulties following a major market event. Loss of reputation due to internal risks would also weaken SCOR's competitive position.

### Consolidation in the insurance and reinsurance industries could adversely impact SCOR

As in previous years, 2017 continued to see significant M&A activity among (re)/insurers. Within the insurance industry, these consolidated entities may use their enhanced market power and broader capital base to negotiate price reductions for SCOR's products and services, and reduce their use of reinsurance, and as such, the Group may experience price declines and possibly write less business.

Within the reinsurance industry, such external growth activity could potentially enhance these players' competitive position, e.g. in terms of being able to offer greater capacity or broader product offerings, which could permit them to gain market share at SCOR's expense.

### Management of risks related to the competitive environment

As for risks related to the macroeconomic environment, risks related to the competitive environment are monitored via a robust strategic planning approach and regular risk reporting mechanisms throughout the Group to its main governance bodies, including complementary risk analyses on ad hoc topics, where deemed necessary. For further information on risk reporting mechanisms and SCOR's main governance bodies, see Section B.3 – Risk management system including the ORSA and Section B.1.3 – Governance structure at Group and legal entity level.

## C.7.1.3. RISK RELATED TO LEGAL AND REGULATORY DEVELOPMENTS

### Main risks related to legal and regulatory developments

SCOR is subject to comprehensive and detailed regulations and to the supervision of insurance and reinsurance regulatory authorities in all of the countries in which it operates. Some of these authorities, especially in non-European countries, are considering or may in the future consider enhanced or new regulatory requirements intended to prevent future crises or otherwise assure the stability of institutions under their supervision and submit them to reinforced measures of control and higher capital requirements. These changes could affect the calculation of the local solvency position and have a material adverse impact on the Group. Insurance and reinsurance supervisory authorities have broad administrative powers over many aspects of the reinsurance industry and SCOR cannot predict the timing or form of any future regulatory initiatives.

The Solvency II regime came into force on January 1, 2016 in the European Economic Area. It was transposed into national laws in all relevant European jurisdictions over recent years. Actual implementation by supervisory and regulatory authorities could vary between these jurisdictions, which could place SCOR at a competitive disadvantage with regard to other European financial services groups.

Furthermore, the supervisory and regulatory authorities could develop new regulations with the objective of further strengthening the protection of policyholders and/or financial stability, especially in developing countries. These new regulations may then increase solvency margin obligations, thereby restricting SCOR's underwriting capacity.

The IAIS is developing a new approach to evaluating and mitigating systemic risk in the insurance sector and SCOR may be impacted by the revised systemic risk framework that is scheduled to become effective in 2020, with the risk of a higher capital requirement, a Higher Loss Absorbency (HLA), and greater regulatory burdens such as the establishment of resolution plans.

In the meantime, the IAIS is developing a common framework for internationally active insurance groups (IAIGs), the ComFrame. It is the IAIS's intention to develop Insurance Capital Standards (ICSs) to be applied by all IAIGs with full implementation expected in 2025. This development could jeopardize the extent of recognition of diversification effects or the use of internal models and there is a risk that these rules could have an impact on capital management aspects. Moreover, these standards involve risks in terms of competition on a level playing field if they are not implemented simultaneously and consistently across jurisdictions.

Similarly, changes in tax legislation and regulations, or in their interpretation, may have a negative impact on SCOR's performance, including financial results, and business model (such as unfavorable changes in deferred taxes resulting from the Tax Cuts and Jobs Act enacted in United States). Refer to Section A.1.2.5 – Significant business and other events in the period.

### Other legal and regulatory developments

The reinsurance sector has been exposed in the past, and may be exposed in the future, to involvement in legal proceedings, regulatory inquiries and actions by various administrative and regulatory authorities, as well as to regulation concerning certain practices used in the insurance sector.

More generally, adverse changes in laws or regulations or an adverse outcome of any legal proceeding could have an adverse impact on SCOR. For further information on risks related to current legislation and regulations and their impact on SCOR's operations, see Section C.6.1.4 – Risks related to external events.

### Management of risks related to legal and regulatory developments

SCOR monitors the legal and regulatory developments which could have an impact on the Group and its entities, ensuring that it takes an active position regarding the requirements to which it is exposed or could be exposed in the different jurisdictions where it operates and that it prepares in due time for their implementation.

Developments in existing or emerging prudential regulations (such as Solvency II, ComFrame or systemic risk regulations) are monitored at Group level by the Prudential and Regulatory Affairs department. Regulations relating to corporate law and business compliance are monitored by the General Secretariat and, within it, the Legal department.

## C.7.1.4. DOWNGRADE RISK

### Overview of SCOR's downgrade risk

Credit ratings are very important to all reinsurance companies, including SCOR, as ceding companies wish to reinsure their risks with companies having a satisfactory financial position. For further details on the current rating of the Group, see the 2017 Registration Document, Section 1.2.4 – Ratings information. Due to parental support, the rating of SCOR's main subsidiaries, including SCOR SE, SGP&C SE, SGL SE, SGLRI and SUK is aligned with that of the Group. Therefore, the downgrade risk of SCOR's main subsidiaries is equivalent to the downgrade risk of SCOR Group. The impact of a downgrade on SCOR's subsidiaries is also quite similar.

#### Impact on SCOR's reinsurance business

Some of SCOR's cedents' credit models or reinsurance guidelines face regulatory capital requirements or depend on their reinsurers' credit rating. If SCOR's rating deteriorates, cedents could be forced to increase their capital requirements in respect of their counterparty risk on SCOR. This could lead to a loss of competitive advantage for SCOR.

Consequently, the Group's reinsurance activities are sensitive to the way its existing and prospective clients perceive its financial strength, notably through its ratings.

Many of SCOR's reinsurance treaties, notably in the US and in Asia, and also increasingly in Europe, contain clauses concerning the financial strength of the Company and/or its operating subsidiaries, and provide for the possibility of early termination for its cedents if the rating of the Company and/or its subsidiaries is downgraded. Early termination may also occur when the net financial position of the Company falls below a certain threshold, or if it carries out a reduction in share capital.

#### Impact on the Group's letters of credit

Many of the Group's reinsurance treaties contain a requirement to put in place letters of credit ("LOC") as a general requirement or when triggered by a downgrade of SCOR or one of its subsidiaries. In certain circumstances, the cedent has the right to draw down on a LOC issued by a bank in SCOR's name.

Some LOCs issued by banks providing such facilities may be collateralized with securities. The value of the collateral can be different from the amount of the LOC. For some facilities, initial collateral requirements may be increased following a downgrade of SCOR's rating, impacting the Group's liquidity level. In the case of a LOC being drawn by a cedent, the bank has the right to request a cash payment from this collateral, up to the amount drawn by the cedent.

In the case of a large number of LOCs being drawn simultaneously, SCOR could encounter difficulties in providing the total amount of required cash or fungible assets, i.e. exposing itself to a liquidity risk.

Moreover, some of SCOR's facilities contain conditions about its financial situation which, if not met, constitute a default and might result in the suspension of the use of current credit facilities and/or a prohibition on obtaining new lines of credit or result in the need to negotiate new LOC facilities under adverse conditions.

For more details on liquidity risks, see Section C.5 – Liquidity risks.

#### Impact on capital resources

A significant multiple-notch downgrade of the Group could negatively impact the ability of entities in the Group to generate new business or retain in-force business (potentially leading to a reduction in eligible own funds due to a reduction in expected future cash flows under existing reinsurance treaties (e.g. Life business)).

### Management of downgrade risk

SCOR's current ratings are at the highest levels within the reinsurance sector after Standard and Poor's and Fitch upgraded the Group's ratings to "AA-/Stable" from "A+/Positive" in 2015, followed by a Moody's upgrade to "Aa3/Stable" in 2016 and AM Best's upgrade of SCOR's rating to "A+/Stable" in 2017. Therefore, a downgrade by one notch would have a limited impact on its future business development, its liquidity position nor its capacity to raise funds. For further information on SCOR's current rating, see the 2017 Registration Document, Section 1.2.4 – Ratings information.

SCOR monitors its ratings assigned by the top four rating agencies via a dedicated team placed under the supervision of the Group CFO.

This team analyses rating agencies' methodologies, reports published on the reinsurance market, on SCOR and on its main competitors, in order to anticipate any potential rating actions. It also monitors specific qualitative and quantitative Key Performance Indicators developed by the four main rating agencies, and performs analyses of selected deterministic scenarios. It also monitors the capital adequacy level as measured by the capital models developed by rating agencies.

## C.7.1.5. OTHER STRATEGIC RISKS

SCOR may be exposed to other less significant strategic risks described below.

### Risks related to capital

#### Overview of risks related to capital

***Capital may not be completely fungible between different regulated legal entities, which may have negative consequences***

SCOR's regulated legal entities must satisfy local regulatory capital requirements. There could potentially be some local regulatory constraints, which in certain circumstances could affect SCOR's ability to transfer capital from one legal entity to another, and in particular from one subsidiary or branch to another, or to the parent legal entity. This may have negative consequences for the legal entity concerned and could have a material adverse impact on SCOR.

In addition, ongoing regulatory developments and discussions on global standards may impact SCOR in the future.

***Adverse capital and credit market conditions may significantly affect SCOR's ability to access capital and/or liquidity or increase the cost of capital***

Disruptions, uncertainty or volatility in the capital and credit markets may also limit the Group's access to capital required to operate its business, most significantly its insurance operations. Such market conditions may limit its ability to:

- replace, in a timely manner, maturing debts;
- access the capital needed to grow its business;
- satisfy statutory capital requirements and maintain a Solvency Ratio in line with its risk appetite framework.

As such, SCOR may be forced to delay raising capital, issue shorter term securities than it prefers, or bear an unattractive cost of capital which could decrease its profitability and significantly reduce its financial flexibility.

Disruptions of financial markets, and more particularly credit market conditions, could also affect SCOR's ability to access liquidity.

For further information on Risks related to the macroeconomic environment that could impact SCOR, See Section C.7.1.1 – Risks related to the macroeconomic environment affecting SCOR's strategy.

#### Management of risks related to capital

Risks related to capital are managed via specific principles and processes throughout the Group. SCOR ensures maximum capital fungibility within the Group through:

- a reduced number of subsidiaries enhancing fungibility while supporting local business presence. It is facilitated by the "Societas Europaea" ("SE") structure that facilitates an efficient branch set-up in Europe, enabling integrated supervision at Group parent company level through SCOR SE, focusing on communication with a limited number of supervisors with whom SCOR can share its global strategy, while taking advantage of diversification benefits;
- an integrated supervision of regulatory constraints at Group level and an optimal capital allocation.

SCOR efficiently manages its capital allocation and fungibility between subsidiaries within the legal and regulatory constraints. SCOR is continuously leveraging, in its day-to-day activity, on various tools that are core to the reinsurance activity (such as intragroup reinsurance, intragroup financing, portfolio transfer, capital transfer or collateral posting).

For further information on capital management, see Chapter E – Capital Management.

### Risks related to acquisitions

#### Overview of risks related to SCOR's acquisitions

SCOR has made a number of acquisitions around the world. Acquisitions involve risks that could adversely affect its operating results, including the substantial amount of management time that may be diverted from operations to pursue and complete acquisitions. Acquisitions could also result in additional indebtedness, costs, contingent liabilities, impairment and amortization expenses related to intangible assets recognized on an accounting basis. In addition, acquisitions may expose SCOR to operational challenges and various risks.

A failure to successfully manage such operational challenges could adversely affect the Group.

Specific risks relating to the acquired businesses are as follows:

#### *The integration of the acquired activities may prove to be more difficult than expected*

Integrations may take longer, be more expensive or more difficult than expected. The success of integrations may depend on operational and commercial planning, execution of systems and procedures, and on the retention of key employees. Difficulties could result in higher integration costs or fewer synergies than expected.

#### *Retaining client relationships and related business volumes*

It may be outside the control and influence of SCOR to retain certain client relationships and business volumes related to acquired businesses. Related earnings and efficiencies may be lower than expected, which may dilute the return on such acquisition related investments.

#### *AEGON's insolvency might impair the value of future cash-flows of SCOR Global Life reinsurance treaties*

Since August 2011, the majority of the mortality reinsurance business in the US related to the former Transamerica Reinsurance business flows into SCOR via retrocession from AEGON companies. Not all underlying reinsurance agreements between cedents and AEGON have been novated; an AEGON insolvency might reduce or terminate cedent premiums passed on to SCOR, impair future cash flows and could have a material adverse effect on SCOR.

#### *Certain risks relating to acquired companies may not yet be known*

Due notably to the size and complexities of acquisitions, and despite carrying out pre-acquisition due diligence work there may be a risk that not all financial elements (including litigation related to prior periods) have been fully and/or correctly evaluated. Unknown or unexpected financial risks could emerge, which may have significant consequences on the initially estimated impact of the relevant acquisition on the combined Group.

### Management of risks related to acquisitions

SCOR adheres to high internal standards for acquisition processes, governance and integration, based on an approach approved by its Executive Committee.

SCOR retains outside legal, accounting, tax, actuarial, regulatory and financial counsel for its due diligence, valuation and integration assessments and execution, led by experienced employees in various multi-jurisdictional disciplines, including but not limited to underwriting, structuring, valuation, accounting, tax, actuarial, risk management, legal, audit, strategy, claims management, regulators, rating agencies, and asset management. SCOR's governance is overseen by a Group Steering Committee, chaired by its Chief Executive Officer and includes various members of SCOR's Executive Committee. All progress, assessments and any offers made to third parties are generally presented and approved by the Strategic Committee of SCOR's Board of Directors.

All planned acquisition projects that may have an impact on SCOR's risk profile are reviewed in collaboration with SCOR's risk management teams. Integration of acquired businesses typically begins during the due diligence phase and is carefully planned between SCOR and the personnel of the acquired companies. SCOR integration plans typically take into account all systems, procedures, commitments and constraints, as well as employees, clients, suppliers and contractual third parties, and focuses on pre-closing, closing day and post-closing objectives. While SCOR has experience in managing acquisitions and takes care in planning and executing such operations, the outcomes may not always meet expectations.

## Risks related to the valuation of SCOR's deferred tax assets

### Changes in the valuation of its deferred tax assets may have a material adverse impact on SCOR

The recognition of deferred tax assets, i.e., the likelihood of recognizing sufficient profits in the future to offset losses, depends on the performance of each entity concerned as well as applicable tax laws, regulatory requirements and accounting methods. The occurrence of events, such as operational earnings lower than currently projected or losses continuing over a longer period than originally planned or changes in tax legislation, regulatory requirements, or accounting methods could lead to the de-recognition of part of the deferred tax assets for accounting and/or regulatory purposes.

### Management of risks related to the valuation of SCOR's deferred tax assets

Valuation risks including those related to SCOR's deferred tax assets are managed through robust processes and controls throughout the Group. For further information on how valuation risks are managed, see Section C.6 – Operational risks, Section B.4.1 – Description of the internal control system, and Section D.1 – Assets.

## C.7.2. SIGNIFICANT RISK CONCENTRATIONS AT THE LEVEL OF THE GROUP

Risk concentrations mainly impact three categories of risk, individually or collectively:

- underwriting risks, in particular through catastrophes and other accumulation risks across lines of business or within certain geographical areas. For further information on SCOR's exposure to catastrophes and how these risks are managed, see Section C.2.1 – P&C reinsurance and C.2.2 – Life reinsurance;
- market risks, in particular in case of major events impacting specific types of assets to which SCOR is exposed. For further information on market risks and how they are managed, see Section C.3 – Market risks;
- credit risks, in case of major events impacting certain types of counterparties or certain individual counterparties to which SCOR is exposed. For further information on credit risks and how they are managed, see Section C.4 – Credit risks.

For further information on the accumulation of risks within SCOR and how these risks are managed, see Section B.3.2.3 – Identification and assessment of risks.

### C.7.2.1. OVERVIEW OF CURRENT RISK CONCENTRATIONS AT GROUP LEVEL

SCOR aims to preserve a high level of diversification throughout its activities, while controlling exposure concentrations to a single counterparty, type of asset, geographical area or industry sector. The US government is the most significant counterparty SCOR is exposed to through its investments in government or government assimilated bonds. The exposure to the US government is less than 10% of total assets and is highly liquid.

Risk concentrations are monitored to ensure they remain in line with risk tolerances, i.e. below the limits set out in order to ensure that the Group's risk profile remains aligned with the Group's risk appetite framework. The definition of the risk appetite framework aims to strike an appropriate balance between risk, capital adequacy and return, while respecting SCOR's key stakeholders' expectations. For further information on the risk appetite framework and risk tolerances, see Section B.3.1 – Risk appetite framework. Losses arising from such risk concentrations may also significantly increase SCOR's liquidity needs. SCOR assesses liquidity risks arising from a deviation from its liquidity needs over the short-, medium- or long-term. For further information on these risks and how they are managed, see Section C.5 – Liquidity risks.

## C.7.3. OTHER MATERIAL RISKS AT SCOR SE LEVEL

SCOR SE's strategic risks are the same as those for the Group. It relies upon the organization defined within the Group, detailed above, in order to be able to assess and control its risks. See Section C.7.1 – Strategic risks for further details.

On an economic basis, SCOR SE is exposed to the same types of risk exposure and concentrations as the Group.

## C.7.4. OTHER MATERIAL RISKS AT SGP&C SE LEVEL

### C.7.4.1. STRATEGIC RISKS

SGP&C SE is exposed to similar strategic risks as SCOR Group. It relies upon the organization defined within the Group, detailed above, in order to be able to assess and control its risks. See Section C.7.1 – Strategic risks for further details.

### C.7.4.2. OTHER STRATEGIC RISKS

#### Risks related to capital

SGP&C SE's ability to access capital is guaranteed through the Group. As a legal entity with subsidiaries and branches in foreign jurisdictions it may be exposed to the risk of increased local regulatory constraints, which in certain circumstances could affect its ability to repatriate capital from its subsidiaries or branches.

The management of risks related to capital is ensured via specific processes at Group level. See Section C.7.4.2 – Other strategic risks, in the paragraph on risks related to capital for further details.

### Risks related to acquisitions

Acquisitions are managed at Group level, in coordination with each division depending on the size of the operation or the lines of business concerned. SCOR Group's acquisitions may impact SGP&C SE, either directly, by participating in the financing of the acquisition or taking on all or parts of the acquired business, or indirectly, by entering into risk-sharing or retrocession agreements with other SCOR affiliates directly impacted by the acquisition. See Section C.7.4.2 – Other strategic risks, in the paragraph on risks related to acquisitions for further details.

## C.7.5. OTHER MATERIAL RISKS AT SGL SE LEVEL

### C.7.5.1. STRATEGIC RISKS

SGL SE's strategic risks are aligned with those of the Group. It relies upon the organization defined within the Group, detailed above, in order to be able to assess and control its risks. See Section C.7.1 – Strategic risks for further details.

### C.7.5.2. OTHER STRATEGIC RISKS

#### Risks related to capital

SGL SE's ability to access capital is guaranteed through the Group. As a legal entity, it may be exposed to the risk of increased local regulatory constraints, which in certain circumstances could affect its ability to repatriate capital from its subsidiaries or branches.

The management of risks related to capital is ensured via specific processes at Group level. See Section C.7.4.2 – Other strategic risks, in the paragraph on risks related to capital for further details.

#### Risks related to acquisitions

Acquisitions are managed at Group level, in coordination with each division depending on the size of the operation or the lines of business concerned. SCOR Group's acquisitions may impact SGL SE, either directly, by participating in the financing of the acquisition or taking on all or parts of the acquired business, or indirectly, by entering into risk-sharing or retrocession agreements with other SCOR affiliates directly impacted by the acquisition. See Section C.7.4.2 – Other strategic risks, in the paragraph on risks related to acquisitions for further details.

# C.8. ANY OTHER INFORMATION

No other material information is reported regarding SCOR's risk profile other than that presented above in Sections C.1 – Introduction to C.7 – Other material risks.

# D

# VALUATION FOR SOLVENCY PURPOSES

Solvency II requires SCOR to produce an economic balance sheet (EBS) representing a market view of its assets and liabilities as at the reporting date. The Solvency II regulations require the EBS to include assets valued at the amount for which they could be exchanged between knowledgeable willing parties in an arm's length transaction and liabilities valued at the amount for which they could be transferred, or settled, between knowledgeable willing parties in an arm's length transaction. In addition, liabilities are not adjusted to take account of the credit standing of the reporting entity.

The details of the valuation principles applied in the EBS, including the differences between the valuation principles and those applied in the financial statements, are outlined in this chapter.

In the EBS both assets and liabilities relating to in-force business are recognized at market-consistent values which constitutes the valuation for solvency purposes. SCOR's EBS as at December 31, 2017 has been prepared based on the assumption that the Group and all solo entities will continue as a going concern, in line with the preparation of the consolidated and legal entities' financial statements. SCOR Group prepares consolidated financial statements in accordance with International Financial Reporting Standards (IFRS). SCOR SE, SGP&C SE and SGL SE prepare their financial statements under French GAAP.

The preparation of the EBS requires management to make certain judgments, assumptions and estimates. These affect the reported amounts of assets and liabilities and the additional disclosures. Management reviews these estimates and assumptions periodically, based on past experience and other factors. The actual outcome and results could differ substantially from estimates and assumptions made. The most material financial statement captions for which the Group and EEA regulated entities use estimates and assumptions are reinsurance reserves, receivables and liabilities relating to reinsurance operations, the fair value and impairment of financial instruments, intangible assets, retirement and other defined benefit plans and deferred taxes.

The consolidated economic balance sheet of SCOR Group is prepared using the same principles applied to its consolidated financial statements (as described in Section D.1.3 – Participations). All material intragroup balances and transactions including the result of inter-company transactions are eliminated.

The EBSs for the Group, SCOR SE, SGP&C SE and SGL SE are presented in Quantitative Reporting Templates S.02.01 (see Appendices A to D). The relevant extracts of the EBS are included at the beginning of each section, together with a clear reference to the relevant sections within this chapter explaining the valuation bases and methods used for Solvency II purposes.

The principles for the valuation for solvency purposes of assets, technical provisions and other liabilities as presented in this chapter have been applied consistently by SCOR Group and its subsidiaries, including third-country undertakings. The specific information related to SCOR SE, SGL SE and SGP&C SE is included in the relevant sub-sections (D.1.10 to D.1.12, D.2.3 to D.2.5, D.3.6 to D.3.8 and D.4.2 to D.4.4), as well as in Appendices B, C and D, and should be read in conjunction with the group-wide information.

# D.1. ASSETS

The table below presents the assets of SCOR Group as per EBS together with references to the relevant sections within this chapter explaining the valuation bases and methods used for Solvency II purposes.

## SCOR Group

| **Assets as at December 31, 2017**<br>*In EUR thousands* | **EBS Solvency II** | **Section** |
|---|---|---|
| **Goodwill** | **-** | **D.1.1** |
| **Deferred acquisition costs** | **-** | **D.1.5** |
| **Intangible assets** | **97,667** | **D.1.1** |
| **Deferred tax assets** | **532,601** | **D.1.6** |
| **Pension benefit surplus** | **-** | **D.1.7** |
| **Property, plant and equipment held for own use** | **722,440** | **D.1.2** |
| **Investments** | **19,087,406** | |
| Property (other than for own use) | 861,188 | D.1.2 |
| Participations and related undertakings | 61,640 | D.1.3 |
| Equities | 682,897 | D.1.4 |
| Bonds | 15,327,732 | D.1.4 |
| Collective investments undertakings | 1,503,443 | D.1.4 |
| Derivatives | 114,263 | D.1.4 |
| Deposits other than cash equivalents | 533,974 | D.1.4 |
| Other investments | 2,269 | D.1.4 |
| **Assets held for index-linked and unit-linked contracts** | **-** | **D.1.4** |
| **Loans and mortgages** | **1,846,282** | **D.1.9** |
| Loans on policies | 25,385 | |
| Other loans and mortgages | 1,820,897 | |
| **Reinsurance recoverables** | **892,676** | **D.1.5** |
| Non-Life and Health similar to Non-Life | 1,056,593 | |
| Non-Life excluding Health | 1,056,048 | |
| Health similar to Non-Life | 545 | |
| Life and Health similar to Life, excluding Health and index-linked and unit-linked | (163,917) | |
| Health similar to Life | 100,738 | |
| Life excluding Health and index-linked and unit-linked | (264,655) | |
| **Deposits to cedents** | **8,833,588** | **D.1.5** |
| **Insurance and intermediaries receivables** | **1,329,249** | **D.1.5** |
| **Reinsurance receivables** | **145,564** | **D.1.5** |
| **Receivables (trade, not insurance)** | **422,876** | **D.1.9** |
| **Own shares** | **196,813** | **D.1.8** |
| **Cash and cash equivalents** | **1,000,659** | **D.1.4** |
| **Any other assets, not elsewhere shown** | **30,540** | **D.1.9** |
| **TOTAL ASSETS** | **35,138,361** | |

## D.1.1. GOODWILL AND OTHER INTANGIBLE ASSETS

**SCOR Group**

| | As at December 31, 2017 | | |
|---|---|---|---|
| *In EUR thousands* | EBS | Consolidated – IFRS | Difference |
| Goodwill | - | 787,733 | (787,733) |
| Intangible assets | 97,667 | 1,591,948 | (1,494,281) |
| **TOTAL INTANGIBLE ASSETS** | **97,667** | **2,379,681** | **(2,282,014)** |

### VALUATION FOR SOLVENCY PURPOSES

Intangible assets in the EBS represent only those intangible assets that can be sold separately and where a value for the same or similar assets can be derived from quoted market prices in active markets.

In its EBS, SCOR recognizes the following intangible assets at their market value:

#### Lloyd's syndicate participations (EUR 85 million)

The syndicate rights entitle SCOR to underwrite business through various Lloyd's syndicates in the next year of account. These rights are traded through a regular auction process organized by the Society of Lloyd's.

Through the auction process, existing syndicate members are able to realize any value attaching to the disposal of all or part of their right to participate on a traded syndicate for subsequent years of account. The auction also enables participants to gain access to syndicates where capacity is available.

Information on transactions made is provided after each auction and includes the volume of capacity matched, the relevant tender premium for each syndicate and the average weighted price achieved for all capacity transferred in that auction.

The market value of the syndicate participations has been established based on the results from latest trades. For actively traded syndicates' capacities, the last traded average price was used. For other cases – an annual average of traded prices was used with an additional discount in order to take into account potential forced sale conditions, the illiquidity of the market and, when applicable, the uncertainty of participation beyond the contractual end date.

#### US insurance licenses (EUR 13 million)

These assets represent the value of insurance licenses and surplus lines authorizations held by SCOR, through its US subsidiaries, to write insurance business in various states.

The market value of the licenses follows an external valuation, which was based on similar transactions. It was performed with the assumption that a sale of an insurance company is structured as a "clean shell" transaction, meaning that no existing underwriting risk is transferred.

### COMPARISON WITH THE VALUATION IN THE FINANCIAL STATEMENTS

IFRS allows for the recognition of a variety of other intangible assets. SCOR's consolidated balance sheet includes: goodwill, value of business acquired (VOBA) and other intangible assets.

For further details on IFRS balances and valuation methods applied to goodwill and intangible assets please refer to the 2017 Registration Document, Section 4.6 – Notes to the consolidated financial statements, Note 5 – Goodwill and Note 9.1 – Other intangible assets.

Under IFRS, goodwill represents the future economic benefits arising from assets acquired in a business combination that are not individually identified and separately recognized. It is measured at cost less any accumulated impairment. Goodwill has a nil value in the EBS, as required by Article 12 of the Delegated Act.

VOBA relates to Life reinsurance portfolios acquired in a business combination. It is capitalized as the present value of the stream of expected future cash flows. These estimates are inherently considered in the calculation of the Life best estimate liabilities (BEL) in the EBS (see D.2 – Technical provisions), as such there is no VOBA intangible asset retained in the EBS under Solvency II (see also comments under D.1.5 – Insurance technical assets).

Other intangible assets retained under IFRS consist of customer related intangible assets arising from Non-Life business combinations, US insurance licenses, purchased software and acquired Lloyd's syndicate participations.

For IFRS, other intangible assets are carried at cost less any accumulated amortization and impairment losses. The difference between the EBS and IFRS value is driven by: (a) no recognition of intangibles that cannot be sold separately (decrease of EUR 159 million) and (b) revaluation of the retained intangibles (syndicate participations) to market value (decrease of EUR 71 million).

## D.1.2. PROPERTY, PLANT AND EQUIPMENT

**SCOR Group**

| | As at December 31, 2017 | | |
|---|---|---|---|
| *In EUR thousands* | EBS | Consolidated – IFRS | Difference |
| Own use property | 722,440 | 611,645 | 110,795 |
| Investment property | 861,188 | 700,781 | 160,407 |
| **TOTAL PROPERTY** | **1,583,628** | **1,312,426** | **271,202** |

### VALUATION FOR SOLVENCY PURPOSES

Property, plant and equipment (referred to as property) is distinguished in the EBS between property held for own use by SCOR and property other than for own use (investment property).

Property held for own use primarily relates to buildings used by SCOR as offices, office furniture and equipment, and building fixtures and fittings. It also includes property for own use under construction. The properties held by the Group and considered as investment property consist of office and retail buildings.

Operating leases are included in own-use property. Payments for operating leases relate primarily to rental payments for offices and business premises of the Group. They include extension options as well as restrictions regarding subleases. The main lease contracts are for the US and Zurich offices.

All property is valued at market using appropriate techniques. Every five years, each investment property is subject to an in-depth analysis of its market value by an independent appraiser, with recent experience in the location and category of the investment property assessed and approved by the supervisor (ACPR in France). Annually, the appraised market value is updated by the same independent appraiser according to changes in the local market and/or the property's rental and technical condition.

The valuation methods applied include a market comparison (current prices in an active market for similar properties or recent prices of similar properties on less active markets, with appropriate adjustments) and income capitalization (discounted cash flow projections based on reliable estimates). The cash flows are supported by the terms of any existing lease and other contracts and, when possible, by external evidence such as current market rents for similar properties in the same location and condition and use discount rates that reflect current market assessments of the uncertainty in the amount and timing of the cash flows.

### COMPARISON WITH THE VALUATION IN THE FINANCIAL STATEMENTS

Properties held by SCOR are carried in the consolidated financial statements at cost, net of accumulated depreciation and impairment losses. The difference between the EBS and IFRS value is driven by the revaluation of property held at cost to market value (increase of EUR 271 million), consistent with the amounts disclosed in the notes to the consolidated financial statements.

For further details on IFRS balances and valuation methods applied to property, plant and equipment, please refer to the 2017 Registration Document, Section 4.6 – Notes to the consolidated financial statements, Note 9.2 – Tangible assets and related commitments and Note 7.4 – Real estate investments. These notes also provide further information on the operating and finance lease arrangements of the Group.

## D.1.3. PARTICIPATIONS

### CONSOLIDATED EBS AND COMPARISON WITH THE VALUATION IN THE FINANCIAL STATEMENTS

For IFRS, all material entities, over which SCOR has control, are fully consolidated. The Group's investments in associates are recorded using the equity method. Associates are companies in which the Group exercises significant influence but no control or joint control. Significant influence generally occurs when the Group owns, directly or indirectly, between 20% and 50% of the outstanding voting rights. Business ventures, where there is joint control, are accounted for using the equity method. Mutual funds and real estate entities are fully consolidated or recorded using the equity method. The non-controlling interest in fully consolidated mutual funds is presented in "Other liabilities". All material intragroup balances and transactions including the results of inter-company transactions are eliminated.

The consolidated economic balance sheet of SCOR Group is prepared using the same principles as for IFRS as there are no material financial sector institutions, other than (re)insurance companies which would require a change in the consolidation method applied. SCOR Investment Partners (SIP) is an investment management firm with no material assets and liabilities. All investments of SCOR Group held in investment funds managed by SIP or in wholly-owned real estate companies are fully consolidated or recorded using the equity method in the EBS and IFRS consolidated financial statements in order to reflect the underlying investments of the reinsurance undertakings within SCOR Group.

The participations value in the EBS represents SCOR's share in related companies. The value of these unconsolidated related undertakings is the same under the Solvency II consolidated EBS and the consolidated financial statements, representing the company's share in the related undertaking valued using the equity method for both IFRS and Solvency II.

For further details on IFRS balances and valuation methods applied to investments in associates, please refer to the 2017 Registration Document, Section 4.6 – Notes to the consolidated financial statements, Note 2 – Scope of consolidation and Note 22 – Related party transactions.

## D.1.4. CASH AND INVESTMENTS, OTHER THAN PROPERTY AND PARTICIPATIONS

### SCOR Group

| | As at December 31, 2017 | | |
|---|---|---|---|
| *In EUR thousands* | **EBS** | **Consolidated – IFRS** | **Difference** |
| Equities | 682,897 | 2,170,251 | (1,487,354) |
| Bonds | 15,327,732 | 16,309,725 | (981,993) |
| Collective investments undertakings | 1,503,443 | - | 1,503,443 |
| Derivatives | 114,263 | 114,263 | - |
| Deposits other than cash equivalents | 533,974 | 4,390 | 529,584 |
| Other investments | 2,269 | - | 2,269 |
| Cash | 1,000,659 | 1,000,659 | - |
| **TOTAL INVESTMENTS AND CASH** | **19,165,237** | **19,599,288** | **(434,051)** |

### VALUATION FOR SOLVENCY PURPOSES

Investments in the EBS include financial assets such as equities, bonds (corporate bonds, government bonds, structured notes, collateralized securities), collective investment undertakings, derivatives, deposits, other investments (hedge funds, insurance linked securities and SPVs) and cash. SCOR does not hold any assets in index-linked or unit-linked funds.

The economic value of financial assets that are traded in an active financial market is determined by reference to quoted market bid prices, at the close of business on the reporting date. Quotations are considered as active market prices if the quoted prices or rates represent actual and regularly occurring transactions that are available from a stock exchange, dealer or broker.

Financial assets valued using quoted prices comprise listed equities, government, covered and agency bonds, corporate bonds, as well as short term investments. For collective investment funds and derivative financial instruments, fair value is determined by reference to either published bid values, or values based on models prepared by internal and external experts using observable market inputs.

If quoted prices in active markets for identical assets or liabilities are not available, the following valuation methods may be used:

- quoted market prices in active markets for similar assets, with adjustments to reflect specific factors (including the condition or location of the asset or volume or level of activity in the markets within which the inputs are observed);
- other models based on market inputs; and
- models using inputs which are not based on observable market data.

As SCOR is responsible for determining the economic value of its investments, regular analysis is performed to check whether prices received from third parties are reasonable estimates of market value. The analysis includes: (i) a review of price changes made in the investment management systems; (ii) a regular review of pricing deviations between dates exceeding predefined pricing thresholds per investment category; and (iii) a review and approval of extraordinary valuation changes noted.

The Group may conclude that prices received from third parties are not reflective of current market conditions. In those instances, SCOR may request additional pricing quotes or apply internally developed valuations. Similarly, the Group may value certain derivative investments using internal valuation techniques based on observable market data.

## Equities

For unlisted equity instruments, the economic value is determined according to commonly used valuation techniques.

## Bonds (government, corporate, structured notes, collateralized securities)

Structured products other than securities issued by government agencies for which the market is considered active, hybrid and tier 1 and tier 2 corporate debt, private placements, inflation linked government assimilated bonds, and specific alternative investments are valued based on models prepared by internal and external experts using observable market inputs.

## Collective investment undertakings

For some collective investment funds (unlisted) the economic value is determined by reference to values based on models prepared by internal and external experts using observable market inputs. The economic value of hedge funds managed by third parties is based on their net asset value (NAV) as issued by external asset managers. This NAV is regularly audited, at least annually.

## Derivatives (assets and liabilities)

All derivative instruments are carried as assets when the economic values are positive and as liabilities when the economic values are negative.

The Group uses the following derivative instruments to reduce its exposure to various risks: swaps based on interest rates, mortality indices and real estate indices, foreign currency forward purchase and sale contracts, caps and floors, and puts and calls on insurance linked securities (ILS).

For some derivative financial instruments primarily relating to the Atlas catastrophe bonds, the economic value is determined based on models prepared by internal and external experts using observable market inputs.

### Catastrophe bonds

Atlas IX catastrophe bonds are valued using a cumulated expected loss model that is based on a combination of market inputs to the extent that trades in these instruments are active and catastrophe modeling tools developed by third-party companies (AIR/RMS).

The significant unobservable inputs in the valuation model are as follows:

**SCOR Group**

| Unobservable inputs | Atlas IX Series 2015-1 | Atlas IX Series 2016-1 |
|---|---|---|
| Expected loss US Named Storm based on AIR model | 1.87% | 3.03% |
| Expected loss US and Canadian Earthquake based on AIR model | 2.06% | 2.59% |

A significant catastrophic event (US or Canadian Earthquake or a US Named Storm) covered by the Atlas IX Series 2015-1 or Atlas IX Series 2016-1 and occurring during the coverage period of this bond, could lead to an increase in the economic value of the respective portion of the derivative instrument recorded.

### Mortality bonds

The Atlas IX mortality risk transfer contract transaction is recorded as a derivative asset recognized at fair value through income and a payable for the value of interest payments. SCOR values the derivative asset using a model that is based on an indicative secondary market interest rate, considering both the probability of trigger and alternative investment opportunities to the extent that trades in these instruments are active. Extreme mortality events in the US (such as pandemics, natural catastrophes and terrorist attacks) covered by the Atlas extreme mortality bond and occurring during the coverage period of this bond, would increase the fair value of the derivative instrument.

On November 27, 2017, SCOR executed the built-in early redemption option and terminated the Atlas IX mortality risk transfer contract (Series 2013-1) effective on January 1, 2018. With this early termination, the covered risk period ended on December 31, 2017 instead of on December 31, 2018 as originally scheduled. The final payment of interests and an additional termination payment of 1% of the outstanding notional amount of USD 180 million (USD 1.8 million) were made to Atlas IX Capital Limited on December 29, 2017.

Remaining outstanding balances for the derivative asset and the related future interest payable were derecognized with no impact to the statement of income at the reporting date as no other rights and obligations under the transaction existed.

### Interest rate swaps and cross-currency swaps

SCOR has entered into interest rates swaps to cover its exposure to financial liabilities with variable interest rates relating to real estate investments. In order to hedge the foreign exchange risk associated with certain debts issued in Swiss francs, SCOR entered into cross-currency swaps which exchange the principals and the coupons on the notes into euros. The economic value of the swaps is obtained from the banking counterparty and is based on market inputs. As part of the usual accounts analysis processes these third-party valuations are checked for reasonableness against internal models.

### Forward currency contracts

SCOR purchases and sells forward currency contracts to reduce its overall exposure to foreign exchange balances held in currencies other than the functional currencies of its subsidiaries. The contracts are recorded at their net fair value from valuations provided by banking counterparties using market inputs.

### Cash and cash equivalents

SCOR applies the same definition of cash for both IFRS and Solvency II reporting purposes, which means that cash includes cash, net bank balances and short-term deposits or investments which have a maturity of less than three months at the reporting date. Accordingly, deposits include amounts due from credit institutions that have a maturity date of more than three months. The carrying value of deposits approximates their market value.

## COMPARISON WITH THE VALUATION IN THE FINANCIAL STATEMENTS

The valuation method applied to financial assets in the Solvency II EBS does not differ from IFRS. The reclassifications between investment categories result from the difference between the Solvency II definitions and those used in the consolidated financial statements. The reclassification does not result in any valuation changes. The total difference included in the table below is net of the loans and mortgages category due to presentation changes – see Section D.1.9 – Other assets, including loans receivables and trade receivables.

For further details on IFRS balances, classification and valuation methods applied to investments, please refer to the 2017 Registration Document, Section 4.6 – Notes to the consolidated financial statements, Note 7.2 – Accounting principles for valuation and impairment of financial assets, Note 7.9 – Derivative instruments and Note 11.1 – Cash and cash equivalents.

## D.1.5. INSURANCE TECHNICAL ASSETS

**SCOR Group**

| | As at December 31, 2017 | | |
|---|---|---|---|
| *In EUR thousands* | EBS | Consolidated – IFRS | Difference |
| Deferred acquisition costs (DAC) | - | 1,414,564 | (1,414,564) |
| Reinsurance recoverables | 892,676 | 1,796,650 | (903,974) |
| Non-Life | 1,056,593 | 1,335,829 | (279,236) |
| Life | (163,917) | 460,821 | (624,738) |
| Deposits to cedents | 8,833,588 | 7,933,838 | 899,750 |
| Insurance and intermediaries receivables | 1,329,249 | 3,691,523 | (2,362,274) |
| Reinsurance receivables | 145,564 | 145,564 | - |
| **TOTAL INSURANCE TECHNICAL ASSETS** | **11,201,077** | **14,982,139** | **(3,781,062)** |

## VALUATION FOR SOLVENCY PURPOSES

Insurance technical assets are balances that relate to reinsurance and direct insurance contracts.

In the EBS assumed and ceded technical provisions are recognized in line with Solvency II methodology (see Section D.2 – Technical provisions). The calculation of the Solvency II best estimate liabilities and risk margin takes into account all cash flow projections related to existing insurance and reinsurance contracts, including premiums, benefits and expenses payments. As a result, some balances that exist in the IFRS balance sheet are either cancelled or adjusted on transition to the EBS, as follows:

### DAC

DAC which represents the deferral of costs directly associated with the acquisition of new contracts (mainly commission) is not recognized in the EBS. Reimbursements of initial incurred acquisition costs are included in future premiums and thus included in the calculation of technical provisions.

### Reinsurance recoverables

Reinsurance recoverables (ceded technical provisions) reflect the estimated amounts which are recoverable under reinsurance contracts (retrocession) in respect of SCOR's reinsurance treaties.

Reinsurance recoverables in the EBS are calculated using essentially the same methodology, systems and processes as the best estimate liabilities (see Section D.2 – Technical provisions). Assumptions are set based on the type of business retroceded and the valuation takes into consideration the recoverability of the balance, where appropriate.

### Deposits to cedents

These balances represent deposits made at the request of ceding companies as collateral for SCOR's reinsurance commitments. SCOR measures its deposits to cedents (or funds held) at fair value by discounting the future cash flows of the funds where IFRS does not already represents market values. In order to achieve a full economic valuation of the contracts, all cash flows in respect of the contracts are considered, including the cash flows in respect of assets deposited with the cedent. The calculation of these cash flows is based on the characteristics of the underlying contracts, in particular the reimbursement of interest thereon.

### Insurance, intermediaries and reinsurance receivables

Insurance and intermediaries receivable balances included separately in the EBS represent amounts linked to insurance business that are due (and overdue) from policyholders, intermediaries and other insurers, but that are not included in the projected cash flows used for the calculation of technical provisions.

Reinsurance receivables are amounts linked to reinsurance (retrocession) due (and overdue) from reinsurers which are not included in reinsurance recoverables. The receivables include amounts due from reinsurers relating to settled claims. Receivables are carried at cost (with allowance for recoverability) as it is a good approximation of their market value.

### Value of business acquired (VOBA)

As per Solvency II regulations, VOBA is inherently considered in the calculation of the Life best estimate liabilities (BEL) in the EBS. For further details, see Section D.1.1 – Goodwill and other intangible assets.

## COMPARISON WITH THE VALUATION IN THE FINANCIAL STATEMENTS

As explained above, technical cash flows are taken into account within the Solvency II best estimate liabilities. As a result, acquisition costs and insurance receivables that are included in the projected cash flows used for the calculation of technical provisions are not recognized separately in the EBS. Adjustments to the value of deposits to cedents are calculated consistently with the adjustments to best estimate liabilities. Insurance and intermediaries receivables include a reclassification of assumed outstanding claims estimates from IFRS Life contract liabilities, as these are not included in Solvency II Technical Provisions. For the remaining insurance technical assets, the valuation method applied in the Solvency II EBS does not differ from IFRS.

For further details on IFRS balances and valuation methods applied to insurance technical assets, please refer to the 2017 Registration Document, Section 4.6 – Notes to the consolidated financial statements, Note 8 – Accounts receivable from and payable on assumed and ceded insurance and reinsurance transactions, Note 10 – Deferred acquisition costs and Note 15 – Net contract liabilities.

## D.1.6. DEFERRED TAX ASSETS

### SCOR Group

| | As at December 31, 2017 | | |
|---|---|---|---|
| *In EUR thousands* | **EBS** | **Consolidated – IFRS** | **Difference** |
| Deferred tax assets | 532,601 | 532,601 | - |
| Deferred tax liabilities | 560,395 | 285,741 | 274,654 |
| **NET DEFERRED TAX (ASSETS)/LIABILITIES** | **1,092,996** | **818,342** | **274,654** |

## VALUATION FOR SOLVENCY PURPOSES

Deferred taxes in the EBS are recognized using the balance sheet liability method for all temporary differences at the reporting date between the tax base of assets and liabilities and their carrying amount in the EBS.

The main temporary differences arise from tax losses carried forward and the revaluation of certain financial assets and liabilities including derivative contracts, certain insurance contract liabilities, provisions for pensions and other post-retirement benefits. In addition, temporary differences arise on acquisitions due to the difference between the fair values of the net assets acquired and their tax base.

Deferred tax assets are recognized on net operating losses carried forward to the extent that it is probable that future taxable income will be available against which they can be offset. Management makes assumptions and estimates related to income projections to determine the availability of sufficient future taxable income. SCOR uses a discounted cash flow model comprised of an earnings model, which considers forecast earnings, and other financial ratios of legal entities based on Board-approved business plans, which incorporate key drivers of the underwriting results.

Business plans include assessments of gross and net premium expectations, expected loss ratios and expected general expenses ratios, together with actuarial assumptions. To the extent that net operating losses carried forward cannot be utilized or expire, deferred income tax expenses may be recorded in the future.

Deferred tax assets and liabilities are assessed at the tax rate applicable in the fiscal year in which the asset will be realized or the liability settled, based on the tax rates (and tax regulations) that have been enacted or substantially enacted at the reporting date.

As at December 31, 2017, the operating tax losses available for carryforward expire as follows:

**SCOR Group**

| | As at December 31, 2017 | | |
|---|---|---|---|
| *In EUR thousands* | Available tax losses carried forward | Tax losses carried forward for which no DTA is recognized | Deferred tax assets recognized |
| 2018 | 19,013 | - | 3,843 |
| 2019 | 1,474 | - | 312 |
| 2020 | 69,962 | - | 17,139 |
| 2021 | 34,832 | - | 8,708 |
| Thereafter | 499,581 | (6,797) | 106,906 |
| Indefinite | 1,192,914 | (123,973) | 274,056 |
| **TOTAL** | **1,817,776** | **(130,770)** | **410,964** |

Recognition of deferred tax assets on tax loss carryforwards is assessed based on the availability of sufficient future taxable income and local tax rules, e.g. unlimited carryforward in France and a 20-year carryforward period in the United States. Under French Tax Law on tax loss carryforwards, the utilization of tax losses is capped to EUR 1 million plus 50% of the remaining current year's taxable result. Taxable income is forecast based on the main assumptions described in the accounting principles of this note. SCOR expects to utilize all recognized tax loss carryforwards before expiry.

Operating losses which have not been recognized as deferred tax assets relate primarily to the French Tax Group.

The impact of Solvency II adjustments to bring IFRS figures to EBS market value is an overall increase in net assets, therefore all deferred tax impacts arising from the recording of economic adjustments are reflected in the deferred tax liability. Deferred taxes retained on the EBS are recorded in accordance with IAS 12 Income Taxes.

### COMPARISON WITH THE VALUATION IN THE FINANCIAL STATEMENTS

Measurement of deferred taxes for the Solvency II EBS is generally consistent with IFRS, the difference being the fact that the deferred tax asset or liability is established based on the difference between the values ascribed to assets and liabilities recognized in the EBS and their values recognized for tax purposes (instead of the differences between the asset or liability carrying amount in the IFRS balance sheet and its tax base).

For the purpose of the EBS, the appropriate deferred tax effect of all adjustments between the IFRS balance sheet and the EBS is recognized using the applicable local tax rates. Deferred tax balances are adjusted for the impacts of the differences between the IFRS and Solvency II valuation bases – the main difference being driven by revaluation of technical provisions, but also for other differences like property at amortized cost restated to fair value.

For further details on IFRS balances and the valuation method applied to deferred taxes, please refer to the 2017 Registration Document, Section 4.6 – Notes to the consolidated financial statements, Note 17 – Income taxes.

## D.1.7. PENSION BENEFIT SURPLUS

### VALUATION FOR SOLVENCY PURPOSES AND COMPARISON WITH THE VALUATION IN THE FINANCIAL STATEMENTS

On December 31, 2017 SCOR did not recognize any pension benefit surplus related to employee pension schemes. See Section D.3.1 – Pension benefit obligations.

## D.1.8. OWN SHARES

### VALUATION FOR SOLVENCY PURPOSES AND COMPARISON WITH THE VALUATION IN THE FINANCIAL STATEMENTS

Own shares (EUR 196.8 million) held by SCOR have been acquired in the context of anticipated awards to employees and officers as part of a share allotment plan, and to a lesser extent, as part of a liquidity contract with an external financial intermediary that ensures the liquidity of trades in SCOR shares on the market. Also, on July 26, 2017, SCOR launched a share buy-back program for an amount of up to EUR 200 million. For further information on the share buy-back program, please refer to Section E.1.1.1 - Own funds structure.

In the consolidated financial statements, own (treasury) shares are valued at cost and presented as a deduction from shareholders' equity. In the EBS, own shares have been reclassified from shareholders' equity to assets. In the Solvency II EBS, own shares are stated at market value.

For further details on IFRS balances and the valuation method applied to own shares, please refer to the 2017 Registration Document, Section 4.6 – Notes to the consolidated financial statements, Note 12 – Information on share capital, capital management, regulatory framework and consolidated reserves.

## D.1.9. OTHER ASSETS, INCLUDING LOANS RECEIVABLES AND TRADE RECEIVABLES

**SCOR Group**

| | As at December 31, 2017 | | |
|---|---|---|---|
| *In EUR thousands* | **EBS** | **Consolidated – IFRS** | **Difference** |
| Loans and mortgages | 1,846,282 | 1,399,266 | 447,016 |
| Loans on policies | 25,385 | 25,385 | - |
| Other loans and mortgages | 1,820,897 | 1,373,881 | 447,016 |
| Receivables (trade, not insurance) | 422,876 | 443,099 | (20,223) |
| Any other assets | 30,540 | 30,540 | - |
| **TOTAL OTHER ASSETS** | **2,299,698** | **1,872,905** | **426,793** |

### VALUATION FOR SOLVENCY PURPOSES

This section covers all other assets recognized in the EBS, including loans and mortgages, trade receivables and any other assets. Most of these assets are carried at amortized cost using the effective interest rate method, as it is a good approximation of their market value.

Loans and mortgages in the EBS represent loans on policies and other loans and mortgages.

Trade receivables include amounts receivable from employees, various business partners and the sovereign states (e.g. current tax) that are not insurance or reinsurance related.

Any other assets consist primarily of accruals.

### COMPARISON WITH THE VALUATION IN THE FINANCIAL STATEMENTS

Other assets are carried at a value that is not materially different from market value and hence there is no valuation difference between the consolidated financial statements and the EBS. The difference in the table above is presentational and reflects a reclassification from the investments categories – see Section D.1.4 – Cash and investments, other than property and participations. For further details on IFRS balances and the valuation methods applied to loans, trade receivables and other assets, please refer to the 2017 Registration Document, Section 4.6 – Notes to the consolidated financial statements, Note 7.8 – Loans and receivables.

## D.1.10. SCOR SE – ADDITIONAL INFORMATION ON THE VALUATION OF ASSETS

The table below presents the assets of SCOR SE as per the EBS together with references to the relevant section within this chapter explaining the valuation bases and methods used for Solvency II purposes.

The valuation principles applied by SCOR SE in its EBS are the same as those applied by SCOR Group and explained in Sections D.1.1 – Goodwill and other intangible assets to D.1.9 – Other assets, including loans receivables and trade receivables above. Any additional information on assets specific to SCOR SE is included in the relevant sub-sections below.

### SCOR SE

| **Assets as at December 31, 2017** *In EUR thousands* | **EBS Solvency II** | **Sections** | |
|---|---|---|---|
| **Goodwill** | **-** | **D.1.1** | **D.1.10.1** |
| **Deferred acquisition costs** | **-** | **D.1.5** | **D.1.10.5** |
| **Intangible assets** | **-** | **D.1.1** | **D.1.10.1** |
| **Deferred tax assets** | **237,755** | **D.1.6** | **D.1.10.6** |
| **Property, plant and equipment held for own use** | **89,192** | **D.1.2** | **D.1.10.2** |
| **Investments** | **8,969,201** | | |
| Participations and related undertakings | 7,537,612 | D.1.3 | D.1.10.3 |
| Equities | 3,004 | D.1.4 | D.1.10.4 |
| Bonds | 832,006 | D.1.4 | D.1.10.4 |
| Collective investments undertakings | 111,637 | D.1.4 | D.1.10.4 |
| Derivatives | 31,268 | D.1.4 | D.1.10.4 |
| Deposits other than cash equivalents | 453,678 | D.1.4 | |
| **Loans and mortgages** | **1,842,811** | **D.1.9** | **D.1.10.8** |
| Other loans and mortgages | 1,842,811 | | |
| **Reinsurance recoverables** | **377,951** | **D.1.5** | **D.1.10.5** |
| Non-Life and Health similar to Non-Life | 374,838 | | |
| Non-Life excluding Health | 374,751 | | |
| Health similar to Non-Life | 87 | | |
| Life and Health similar to Life, excluding Health and index-linked and unit-linked | 3,113 | | |
| Health similar to Life | 10,593 | | |
| Life excluding Health and index-linked and unit-linked | (7,480) | | |
| **Deposits to cedents** | **1,845,662** | **D.1.5** | **D.1.10.5** |
| **Insurance and intermediaries receivables** | **(10,760)** | **D.1.5** | **D.1.10.5** |
| **Reinsurance receivables** | **10,493** | **D.1.5** | **D.1.10.5** |
| **Receivables (trade, not insurance)** | **198,347** | **D.1.9** | **D.1.10.8** |
| **Own shares** | **196,813** | **D.1.8** | **D.1.10.7** |
| **Cash and cash equivalents** | **76,899** | **D.1.4** | **D.1.10.4** |
| **Any other assets, not elsewhere shown** | **156,734** | **D.1.9** | **D.1.10.8** |
| **TOTAL ASSETS** | **13,991,098** | | |

### D.1.10.1. GOODWILL AND OTHER INTANGIBLE ASSETS

#### SCOR SE

| | As at December 31, 2017 | | |
|---|---|---|---|
| *In EUR thousands* | EBS | Statutory French GAAP | Difference |
| Goodwill | - | - | - |
| Intangible assets | - | 3,171 | (3,171) |
| **TOTAL INTANGIBLE ASSETS** | **-** | **3,171** | **(3,171)** |

The statutory balance sheet of SCOR SE includes an intangible asset (EUR 3.2 million) recognized under French GAAP. This asset has a value of nil in the EBS (see Section D.1.1 – Goodwill and other intangible assets).

For further details on French GAAP balances and valuation methods applied to intangibles, please refer to the 2017 Registration Document, Appendix C – 5. Notes to the corporate financial statements, Section 5.1.1 – Intangible assets, for accounting principles and methods and Section 5.2.2 – Other assets, for other disclosures.

### D.1.10.2. PROPERTY, PLANT AND EQUIPMENT

SCOR SE does not own any investment properties directly, investments in real estate companies are recognized as participations.

Equipment for own use held by SCOR SE is carried in the financial statements at cost, net of accumulated depreciation and impairment losses.

For further details on French GAAP balances and valuation methods applied to property, plant and equipment, please refer to the 2017 Registration Document, Appendix C – 5. Notes to the corporate financial statements, Section 5.1.3 – Property, plant and equipment, for accounting principles and methods and Section 5.2.2 – Other assets, for other disclosures.

### D.1.10.3. PARTICIPATIONS

The participations value in the EBS represents SCOR SE's share in related companies.

For the purpose of its solo EBS, SCOR SE values its holdings in related undertakings (subsidiaries and other) using the adjusted equity method. The value of the participation reflects the solo entity's share of the excess of assets over liabilities of the related undertaking valued in accordance with Solvency II rules.

The participations are recognized in the financial statements of SCOR SE at cost less accumulated impairment charges. The difference between the EBS and the statutory value is therefore driven by the revaluation to market value, as explained above, and the different treatment of acquisition costs.

For further details on French GAAP balances and valuation methods applied to investments in associates, please refer to the 2017 Registration Document, Appendix C – 5. Notes to the corporate financial statements, Section 5.1.2 – Investments, for accounting principles and methods and Section 5.2.1 – Investments, for other disclosures.

### D.1.10.4. CASH AND INVESTMENTS, OTHER THAN PROPERTY AND PARTICIPATIONS

#### SCOR SE

| | As at December 31, 2017 | | |
|---|---|---|---|
| *In EUR thousands* | EBS | Statutory French GAAP | Difference |
| Equities | 3,004 | 182,152 | (179,148) |
| Bonds | 832,006 | 838,959 | (6,953) |
| Collective investments undertakings | 111,637 | 94,260 | 17,377 |
| Other investments | (4) | - | (4) |
| Cash | 76,899 | 77,730 | (831) |
| **TOTAL INVESTMENTS AND CASH** | **1,023,542** | **1,193,101** | **(169,559)** |

In the financial statements, equities held by SCOR SE are carried at cost less impairment charges. Bonds are carried at amortized cost.

The difference between the value of investments in the EBS and in the statutory financial statements is mainly driven by the revaluation to market value. Information on valuation principles used in the EBS is provided in Section D.1.4 – Cash and investments, other than property and participations. In addition, some reclassifications occur between the EBS and the statutory financial statements, particularly, for equities and cash, where short terms investments are reclassified due to their high liquidity.

For further details on French GAAP balances and valuation methods applied to investments, please refer to the 2017 Registration Document, Appendix C – 5. Notes to the corporate financial statements, Section 5.1.2 – Investments, for accounting principles and methods and Section 5.2.1 – Investments, for other disclosures.

### D.1.10.5. INSURANCE TECHNICAL ASSETS

**SCOR SE**

| | As at December 31, 2017 | | |
|---|---|---|---|
| *In EUR thousands* | EBS | Statutory French GAAP | Difference |
| Deferred acquisition costs (DAC) | - | 144,273 | (144,273) |
| Reinsurance recoverables | 377,951 | 703,707 | (325,756) |
| Non-Life | 374,838 | 675,917 | (301,079) |
| Life | 3,113 | 27,790 | (24,677) |
| Deposits to cedents | 1,845,662 | 1,803,066 | 42,596 |
| Insurance and intermediaries receivables | (10,760) | 588,940 | (599,700) |
| Reinsurance receivables | 10,493 | 4,487 | 6,006 |
| **TOTAL INSURANCE TECHNICAL ASSETS** | **2,223,346** | **3,244,473** | **(1,021,127)** |

Insurance technical assets relate to assumed and retroceded reinsurance contracts.

As explained in Section D.1.5 – Insurance technical assets, technical cash flows are taken into account within Solvency II best estimate liabilities. As a result, acquisition costs and insurance receivables that are included in the projected cash flows used for the calculation of technical provisions are not recognized separately in the EBS. The same principles apply to retrocession operations through the assessment of reinsurance recoverables.

Adjustments to the value of deposits to cedents are consistent with the adjustments to the best estimate liabilities.

For the remaining insurance technical assets (insurance and reinsurance receivables), the method of valuation applied in the Solvency II EBS does not differ from statutory financial statements.

For further details on French GAAP balances and valuation methods applied to insurance technical assets, please refer to the 2017 Registration Document, Appendix C – 5. Notes to the corporate financial statements, Sections 5.1.7 – Recording of reinsurance transactions, 5.1.8 – Underwriting reserves and 5.1.9 – Acquisition costs of reinsurance transactions, for accounting principles and methods and Section 5.2.9 – Transactions with subsidiaries, affiliates and others, for other disclosures.

### D.1.10.6. DEFERRED TAX ASSETS

**SCOR SE**

| | As at December 31, 2017 | | |
|---|---|---|---|
| *In EUR thousands* | EBS | Statutory French GAAP | Difference |
| Deferred tax assets | 237,755 | - | 237,755 |
| Deferred tax liabilities | (144,027) | - | (144,027) |
| **NET DEFERRED TAX ASSETS/(LIABILITIES)** | **93,728** | **-** | **93,728** |

Deferred taxes in the EBS are recognized using the balance sheet liability method for all temporary differences at the balance sheet date between the tax base of assets and liabilities and their carrying value in the EBS. In addition, deferred tax assets are recognized on net operating losses carried forward by SCOR SE, to the extent that it is probable that future taxable profit will be available to utilize those net operating losses carried forward.

No deferred tax is recognized under French GAAP, therefore the difference between the EBS and the statutory value is driven by the recognition of deferred tax in line with Solvency II rules (as described in Sections D.1.6 – Deferred tax assets and D.3.3 – Deferred tax liabilities).

### D.1.10.7. OWN SHARES

Own shares in the EBS (EUR 196.8 million) represent treasury shares held by SCOR SE, acquired in the context of anticipated awards to employees and officers as part of a share allotment plan; as part of a planned capital reduction through share cancellation; and to a lesser extent, as part of a liquidity contract with an external financial intermediary that ensures the liquidity of trades in SCOR shares on the market. In the statutory financial statements own shares are valued at cost. Own shares are classified as assets in the EBS and stated at market value.

For further details on French GAAP balances and valuation methods applied to own shares, please refer to the 2017 Registration Document, Appendix C – 5. Notes to the corporate financial statements, Section 5.2.2 – Other assets.

### D.1.10.8. OTHER ASSETS

#### SCOR SE

| | As at December 31, 2017 | | |
|---|---|---|---|
| *In EUR thousands* | EBS | Statutory French GAAP | Difference |
| Loans and mortgages | 1,842,811 | 1,824,139 | 18,672 |
| Receivables (trade, not insurance) | 198,347 | 197,516 | 831 |
| Any other assets | 156,734 | 81,588 | 75,146 |
| **TOTAL OTHER ASSETS** | **2,197,892** | **2,103,243** | **94,649** |

Other assets are generally carried at amortized cost as it is a good approximation of their market value. The difference between the value of other assets in the EBS and in the statutory financial statements is mostly driven by the different presentation of certain assets in line with the Solvency II definitions than those used in the SCOR SE statutory financial statements.

For further details on French GAAP balances and valuation methods and balances applied to loans, trade receivables and other assets, please refer to the 2017 Registration Document, Appendix C – 5. Notes to the corporate financial statements, Section 5.1.2 – Investments, for accounting principles and methods and Sections 5.2.1 – Investments and 5.2.2 – Other assets, for other disclosures.

## D.1.11. SGP&C SE – ADDITIONAL INFORMATION ON THE VALUATION OF ASSETS

The table below presents the assets of SGP&C SE as per the EBS together with references to the relevant sections within this chapter explaining the valuation bases and methods used for Solvency II purposes.

The valuation principles applied by SGP&C SE in its EBS are the same as those applied by SCOR Group and explained in Sections D.1.1 – Goodwill and other intangible assets to D.1.9 – Other assets, including loans receivables and trade receivables above. Any additional information on assets specific to SGP&C SE is included in the relevant sub-sections below.

**SGP&C SE**

| **Assets as at December 31, 2017** *In EUR thousands* | **EBS Solvency II** | **Sections** | |
|---|---|---|---|
| **Goodwill** | - | **D.1.1** | **D.1.11.1** |
| **Deferred acquisition costs** | - | **D.1.5** | **D.1.11.5** |
| **Intangible assets** | - | **D.1.1** | **D.1.11.1** |
| **Deferred tax assets** | **42,346** | **D.1.6** | **D.1.11.6** |
| **Property, plant and equipment held for own use** | **3,117** | **D.1.2** | **D.1.11.2** |
| **Investments** | **5,802,266** | | |
| Participations and related undertakings | 2,412,749 | D.1.3 | D.1.11.3 |
| Equities | 106,591 | D.1.4 | D.1.11.4 |
| Bonds | 1,370,510 | D.1.4 | D.1.11.4 |
| Collective investments undertakings | 1,861,970 | D.1.4 | D.1.11.4 |
| Derivatives | 50,368 | D.1.4 | D.1.11.4 |
| Deposits other than cash equivalents | 48 | D.1.4 | |
| Other investments | 29 | D.1.4 | D.1.11.4 |
| **Loans and mortgages** | **431,899** | **D.1.9** | **D.1.11.7** |
| Other loans and mortgages | 431,899 | | |
| **Reinsurance recoverables** | **2,558,201** | **D.1.5** | **D.1.11.5** |
| Non-Life and Health similar to Non-Life | 2,558,201 | | |
| Non-Life excluding Health | 2,531,416 | | |
| Health similar to Non-Life | 26,785 | | |
| **Deposits to cedents** | **815,932** | **D.1.5** | **D.1.11.5** |
| **Insurance and intermediaries receivables** | **219,118** | **D.1.5** | **D.1.11.5** |
| **Reinsurance receivables** | **173,240** | **D.1.5** | **D.1.11.5** |
| **Receivables (trade, not insurance)** | **53,507** | **D.1.9** | **D.1.11.7** |
| **Cash and cash equivalents** | **66,006** | **D.1.4** | **D.1.11.4** |
| **Any other assets, not elsewhere shown** | **17** | **D.1.9** | **D.1.11.7** |
| **TOTAL ASSETS** | **10,165,649** | | |

### D.1.11.1. GOODWILL AND OTHER INTANGIBLE ASSETS

**SGP&C SE**

| | As at December 31, 2017 | | |
|---|---|---|---|
| *In EUR thousands* | **EBS** | **Statutory French GAAP** | **Difference** |
| Goodwill | - | - | - |
| Intangible assets | - | 346,654 | (346,654) |
| **TOTAL INTANGIBLE ASSETS** | **-** | **346,654** | **(346,654)** |

The statutory balance sheet of SGP&C SE includes various intangible assets (EUR 347 million) recognized under French GAAP. These assets have nil value in the EBS (see Section D.1.1 – Goodwill and other intangible assets).

For further details on French GAAP balances and valuation methods applied to intangibles, please refer to the following notes to the 2017 Financial statements of SGP&C SE: for accounting principles and methods – Note 5.1.1 – Intangible assets and for other disclosures – Note 5.2.2 – Other assets.

### D.1.11.2. PROPERTY, PLANT AND EQUIPMENT

SGP&C SE does not own any investment properties directly, investments in real estate companies are recognized as participations.

Equipment for own use held by SGP&C SE are carried in the financial statements at cost, net of accumulated depreciation and impairment losses. The difference between the EBS and French GAAP value is driven by the revaluation to market value (see Section D.1.2 – Property, plant and equipment).

For further details on French GAAP balances and valuation methods applied to property, plant and equipment, please refer to the following notes to the 2017 Financial statements of SGP&C SE: for accounting principles and methods – Note 5.1.3 – Property, plant and equipment and for other disclosures – Note 5.2.2 – Other assets.

### D.1.11.3. PARTICIPATIONS

The participations value in the EBS represents SGP&C SE's share in related companies.

For the purpose of its solo EBS, SGP&C SE values its holdings in related undertakings (subsidiaries and other) using the adjusted equity method. The value of the participation reflects then the SGP&C SE's share of the excess of assets over liabilities of the related entity valued in accordance with Solvency II rules.

The participations are recognized in the financial statements of SGP&C SE at cost less accumulated impairment charges. The difference between the EBS and the French GAAP value is therefore driven by the revaluation to market value, as explained above.

For further details on French GAAP balances and valuation methods applied to investments in associates, please refer to the following notes to the 2017 Financial statements of SGP&C SE: for accounting principles and methods – Note 5.1.2 – Investments and for other disclosures – Note 5.2.1 – Investments.

### D.1.11.4. CASH AND INVESTMENTS, OTHER THAN PROPERTY AND PARTICIPATIONS

#### SGP&C SE

| | As at December 31, 2017 | | |
|---|---|---|---|
| *In EUR thousands* | EBS | Statutory French GAAP | Difference |
| Equities | 106,591 | 76,322 | 30,269 |
| Bonds | 1,370,510 | 1,364,046 | 6,464 |
| Collective investments undertakings | 1,861,970 | 1,597,303 | 264,667 |
| Derivatives | 50,368 | 50,368 | - |
| Deposits other than cash equivalents | 48 | 7,363 | (7,315) |
| Other investments | 29 | - | 29 |
| Cash | 66,006 | 66,960 | (954) |
| **TOTAL INVESTMENTS AND CASH** | **3,455,522** | **3,162,362** | **293,160** |

In the financial statements, equities held by SGP&C SE are carried at cost less impairment charges. Bonds are carried at amortized cost.

The difference between the value of investments in the EBS and in the 2017 Financial statements is mainly driven by the revaluation to market value. Information on the valuation principles used in the EBS is provided in Section D.1.4 – Cash and investments, other than property and participations.

For further details on French GAAP balances and valuation methods applied to investments, please refer to the following notes to the 2017 Financial statements of SGP&C SE: for accounting principles and methods – Note 5.1.2 – Investments and for other disclosures – Note 5.2.1 – Investments.

### D.1.11.5. INSURANCE TECHNICAL ASSETS

#### SGP&C SE

| | As at December 31, 2017 | | |
|---|---|---|---|
| *In EUR thousands* | EBS | Statutory French GAAP | Difference |
| Deferred acquisition costs (DAC) | - | 173,753 | (173,753) |
| Reinsurance recoverables | 2,558,201 | 3,476,427 | (918,226) |
| Deposits to cedents | 815,932 | 815,932 | - |
| Insurance and intermediaries receivables | 219,118 | 1,329,962 | (1,110,844) |
| Reinsurance receivables | 173,240 | 173,235 | 5 |
| **TOTAL INSURANCE TECHNICAL ASSETS** | **3,766,491** | **5,969,309** | **(2,202,818)** |

Insurance technical assets relate to assumed and retroceded reinsurance contracts.

As explained in Section D.1.5 – Insurance technical assets, technical cash flows are taken into account within Solvency II best estimate liabilities. As a result, the acquisition costs and part of insurance receivables that are included in the projected cash flows used for the calculation of technical provisions are not recognized separately in the EBS. The same principles apply to retrocession operations through the assessment of reinsurance recoverables.

Adjustments to the value of deposits to cedents are based on discounted future cash flows, consistent with the adjustments to the best estimate liabilities.

For the remaining insurance technical assets (insurance and reinsurance receivables) the method of valuation applied in the Solvency II EBS does not differ from French GAAP.

For further details on French GAAP balances and valuation methods applied to insurance technical assets, please refer to the following notes to the 2017 Financial statements of SGP&C SE: for accounting principles and methods – Note 5.1.7 – Recording reinsurance transactions, Note 5.1.8 – Technical provisions and Note 5.1.9 – Acquisition costs of reinsurance operations and for other disclosures – Note 5.2.9 – Transactions with subsidiaries, affiliates and others.

### D.1.11.6. DEFERRED TAX ASSETS

#### SGP&C SE

| In EUR thousands | As at December 31, 2017 EBS | Statutory French GAAP | Difference |
|---|---|---|---|
| Deferred tax assets | 42,346 | - | 42,346 |
| Deferred tax liabilities | (18,699) | - | (18,699) |
| **NET DEFERRED TAX ASSETS/(LIABILITIES)** | **23,647** | **-** | **23,647** |

Deferred taxes in the EBS are recognized using the balance sheet liability method for all temporary differences at the balance sheet date between the tax base of assets and liabilities and their carrying value in the EBS. In addition, deferred tax assets are recognized on net operating losses carried forward by SGP&C SE, to the extent that it is probable that future taxable profit will be available to utilize those net operating losses carried forward.

No deferred tax is recognized under French GAAP, therefore the difference between the EBS and the statutory value is driven by the recognition of deferred tax in line with Solvency II rules (as described in Sections D.1.6 – Deferred tax assets and D.3.3 – Deferred tax liabilities).

### D.1.11.7. OTHER ASSETS

#### SGP&C SE

| In EUR thousands | As at December 31, 2017 EBS | Statutory French GAAP | Difference |
|---|---|---|---|
| Loans and mortgages | 431,899 | 429,426 | 2,473 |
| Receivables (trade, not insurance) | 53,507 | 50,404 | 3,103 |
| Any other assets | 17 | 200 | (183) |
| **TOTAL OTHER ASSETS** | **485,423** | **480,030** | **5,393** |

Other assets are generally carried at amortized cost as it is a good approximation of their market value.

For further details on French GAAP balances and valuation methods applied to loans, trade receivables and other assets, please refer to the following notes to the 2017 Financial statements of SGP&C SE: for accounting principles and methods – Note 5.1.2 – Investments and for other disclosures Note 5.2.2 – Other assets.

## D.1.12. SGL SE – ADDITIONAL INFORMATION ON THE VALUATION OF ASSETS

The table below presents the assets of SGL SE as per the EBS together with references to the relevant sections within this chapter explaining the valuation bases and methods used for Solvency II purposes.

The valuation principles applied by SGL SE in its EBS are the same as those applied by SCOR Group and explained in Sections D.1.1 – Goodwill and other intangible assets to D.1.9 – Other assets, including loans receivables and trade receivables above. Any additional information on assets specific to SGL SE is included in the relevant sub-sections below.

### SGL SE

| **Assets as at December 31, 2017**<br>*In EUR thousands* | **EBS Solvency II** | **Sections** | |
|---|---|---|---|
| **Goodwill** | **-** | **D.1.1** | **D.1.12.1** |
| **Deferred acquisition costs** | **-** | **D.1.5** | **D.1.12.5** |
| **Intangible assets** | **-** | **D.1.1** | **D.1.12.1** |
| **Deferred tax assets** | **94,540** | **D.1.6** | **D.1.12.6** |
| **Property, plant and equipment held for own use** | **6,687** | **D.1.2** | **D.1.12.2** |
| **Investments** | **5,683,480** | | |
| Participations and related undertakings | 3,921,856 | D.1.3 | D.1.12.3 |
| Equities | 42,949 | D.1.4 | D.1.12.4 |
| Bonds | 1,065,060 | D.1.4 | D.1.12.4 |
| Collective investments undertakings | 632,061 | D.1.4 | D.1.12.4 |
| Derivatives | 17,705 | D.1.4 | D.1.12.4 |
| Deposits other than cash equivalents | 2,149 | D.1.4 | D.1.12.4 |
| Other investments | 1,700 | D.1.4 | D.1.12.4 |
| **Loans and mortgages** | **387,403** | **D.1.9** | **D.1.12.7** |
| Other loans and mortgages | 387,403 | | |
| **Reinsurance recoverables** | **1,374,059** | **D.1.5** | **D.1.12.5** |
| Life and Health similar to Life, excluding Health and index-linked and unit-linked | 1,374,059 | | |
| Health similar to Life | 1,212,545 | | |
| Life excluding Health and index-linked and unit-linked | 161,514 | | |
| **Deposits to cedents** | **6,320,053** | **D.1.5** | **D.1.12.5** |
| **Insurance and intermediaries receivables** | **105,740** | **D.1.5** | **D.1.12.5** |
| **Reinsurance receivables** | **(348)** | **D.1.5** | **D.1.12.5** |
| **Receivables (trade, not insurance)** | **91,574** | **D.1.9** | **D.1.12.7** |
| **Cash and cash equivalents** | **82,527** | **D.1.4** | **D.1.12.4** |
| **Any other assets, not elsewhere shown** | **1,539** | **D.1.9** | **D.1.12.7** |
| **TOTAL ASSETS** | **14,147,254** | | |

### D.1.12.1. GOODWILL AND OTHER INTANGIBLE ASSETS

**SGL SE**

| *In EUR thousands* | As at December 31, 2017<br>EBS | Statutory French GAAP | Difference |
|---|---|---|---|
| Goodwill | - | 321,750 | (321,750) |
| Intangible assets | - | 4,532 | (4,532) |
| **TOTAL INTANGIBLE ASSETS** | **-** | **326,282** | **(326,282)** |

The statutory balance sheet of SGL SE includes various intangible assets (EUR 326 million) recognized under French GAAP. These assets have nil value in the EBS (see Section D.1.1 – Goodwill and other intangible assets).

For further details on French GAAP balances and valuation methods applied to intangibles, please refer to the following notes to the 2017 Financial statements of SGL SE: for accounting methods and principles – Note 5.1.1 – Intangible assets and for other disclosures – Note 5.2.2 – Other assets.

### D.1.12.2. PROPERTY, PLANT AND EQUIPMENT

SGL SE does not own any investment properties directly, investments in real estate companies are recognized as participations.

Equipment for own use held by SGL SE are carried in the financial statements at cost, net of accumulated depreciation and impairment losses. The difference between the EBS and statutory value is driven by revaluation to market value (see Section D.1.2 – Property, plant and equipment).

For further details on French GAAP valuation methods applied to property, plant and equipment, please refer to the following notes to the 2017 Financial statements of SGL SE: for accounting principles and methods – Note 5.1.3 – Current property, plant and equipment and for other disclosures – Note 5.2.2 – Other assets.

### D.1.12.3. PARTICIPATIONS

The participations value in the EBS represents SGL SE's share in related companies.

For the purpose of its solo EBS, SGL SE values its holdings in related undertakings (subsidiaries and other) using the adjusted equity method. The value of the participation reflects the solo entity's share of the excess of assets over liabilities of the related undertaking valued in accordance with Solvency II rules.

The participations are recognized in the financial statements of SGL SE at cost less accumulated impairment charges. The difference between the EBS and the statutory value is therefore driven by the revaluation to market value, as explained above, and the different treatment of acquisition costs.

For further details on French GAAP balances and valuation methods applied to investments in associates, please refer to the following notes to the 2017 Financial statements of SGL SE: for accounting principles and methods – Note 5.1.2 – Investments and for other disclosures – Note 5.2.1 – Investments.

### D.1.12.4. CASH AND INVESTMENTS, OTHER THAN PROPERTY AND PARTICIPATIONS

**SGL SE**

| *In EUR thousands* | As at December 31, 2017<br>EBS | Statutory French GAAP | Difference |
|---|---|---|---|
| Equities | 42,949 | 18,995 | 23,954 |
| Bonds | 1,065,060 | 1,050,025 | 15,035 |
| Collective investments undertakings | 632,061 | 573,420 | 58,641 |
| Derivatives | 17,705 | 17,705 | - |
| Deposits other than cash equivalents | 2,149 | 2,149 | - |
| Other investments | 1,700 | 1,700 | - |
| Cash | 82,527 | 82,527 | - |
| **TOTAL INVESTMENTS AND CASH** | **1,844,151** | **1,746,521** | **97,630** |

In the financial statements, equities held by SGL SE are carried at cost less impairment charges. Bonds are carried at amortized cost.

The difference between the value of investments in the EBS and in the statutory financial statements is mainly driven by revaluation to market value. Information on the valuation principles used in the EBS is provided in Section D.1.4 – Cash and investments, other than property and participations.

For further details on French GAAP balances and valuation methods applied to investments, please refer to the following notes to the 2017 Financial statements of SGL SE: for accounting principles and methods – Note 5.1.2 – Investments and for other disclosures – Note 5.2.1 – Investments.

### D.1.12.5. INSURANCE TECHNICAL ASSETS

**SGL SE**

| | As at December 31, 2017 | | |
|---|---|---|---|
| *In EUR thousands* | EBS | Statutory French GAAP | Difference |
| Deferred acquisition costs (DAC) | - | 1,179 | (1,179) |
| Reinsurance recoverables | 1,374,059 | 2,056,934 | (682,875) |
| Deposits to cedents | 6,320,053 | 5,552,243 | 767,810 |
| Insurance and intermediaries receivables | 105,740 | 105,489 | 251 |
| Reinsurance receivables | (348) | (339) | (9) |
| **TOTAL INSURANCE TECHNICAL ASSETS** | **7,799,504** | **7,715,506** | **83,998** |

Insurance technical assets relate to assumed and retroceded reinsurance contracts.

As explained in Section D.1.5 – Insurance technical assets, technical cash flows are taken into account within Solvency II best estimate liabilities. As a result, acquisition costs that are included in the projected cash flows used for the calculation of technical provisions are not recognized separately in the EBS. The same principles apply to retrocession operations through the assessment of reinsurance recoverables.

Adjustments to the value of deposits to cedents are consistent with the adjustments to the best estimate liabilities.

For the remaining insurance technical assets (insurance and reinsurance receivables) the method of valuation applied in the Solvency II EBS does not differ from French GAAP.

For further details on French GAAP balances and valuation methods applied to insurance technical assets, please refer to the following notes to the 2017 Financial statements of SGL SE: for accounting principles and methods – Note 5.1.8 – Recording of reinsurance transactions, Note 5.1.9 – Underwriting reserves and Note 5.1.10 – Acquisition costs of reinsurance transactions and for other disclosures – Note 5.2.9 – Transactions with subsidiaries, affiliates and others.

### D.1.12.6. DEFERRED TAX ASSETS

**SGL SE**

| | As at December 31, 2017 | | |
|---|---|---|---|
| *In EUR thousands* | EBS | Statutory French GAAP | Difference |
| Deferred tax assets | 94,540 | - | 94,540 |
| Deferred tax liabilities | (149,644) | - | (149,644) |
| **NET DEFERRED TAX (LIABILITIES)/ASSETS** | **(55,104)** | **-** | **(55,104)** |

Deferred taxes in the EBS are recognized using the balance sheet liability method for all temporary differences at the balance sheet date between the tax base of assets and liabilities and their carrying value in the EBS. In addition, deferred tax assets are recognized on net operating losses carried forward by SGL SE, to the extent that it is probable that future taxable profit will be available to utilize those net operating losses carried forward.

No deferred tax is recognized under French GAAP, therefore the difference between the EBS and the statutory value is driven by the recognition of deferred tax in line with Solvency II rules (as described in Sections D.1.6 – Deferred tax assets and D.3.3 – Deferred tax liabilities).

#### D.1.12.7. OTHER ASSETS

##### SGL SE

| In EUR thousands | As at December 31, 2017 EBS | Statutory French GAAP | Difference |
|---|---|---|---|
| Loans and mortgages | 387,403 | 387,229 | 174 |
| Receivables (trade, not insurance) | 91,574 | 91,392 | 182 |
| Any other assets | 1,539 | 1,540 | (1) |
| **TOTAL OTHER ASSETS** | **480,516** | **480,161** | **355** |

Other assets are generally carried at amortized cost as it is a good approximation of their market value. The difference between the value of other assets in the EBS and in the statutory financial statements is driven by unrealized gains and losses on derivatives which are recognized in the SGL SE balance sheet according to investment hedge accounting principles.

For further details on French GAAP balances and valuation methods applied to loans, trade receivables and other assets, please refer to the following notes to the 2017 Financial statements of SGL SE: for accounting principles and methods – Note 5.1.2 – Investments and for other disclosures – Note 5.2.9 – Transactions with subsidiaries, affiliates and others.

## D.2. TECHNICAL PROVISIONS

SCOR's technical provisions are calculated as the sum of best estimate liabilities (BEL) and risk margin (RM). BEL is valued as the net present value of future cash-flows. SCOR determines the risk margin under Solvency II according to the specified cost-of-capital method, using the risk-free rate for discounting and the cost of capital rate. In order to estimate future SCRs, SCOR uses its internal model for its main subsidiaries. Consistent with the prescribed transfer scenarios, separate capital charges are estimated for underwriting, credit and operational risk.

A divisional specific methodology then allocates the calculated risk margin to the underlying lines of business. All entities carrying reinsurance contracts are in scope. EEA entities are modelled consistently with Solvency II methodology and represent the majority of the Group's business. The model aggregates the smaller non-EEA entities outside the EEA, and this provides a non-material additional diversification benefit.

This chapter provides an overview of the technical provisions at year-end 2017. In addition, the bases, methods and assumptions used for the calculations are described including an analysis of significant simplifications and the related uncertainties. Where deemed appropriate, the valuation of deposits to cedents and from retrocessionaires are commented on as they are closely linked to the BEL calculation.

The risk-free interest rates used are those provided by EIOPA. For some minor currencies, no risk-free rate is provided by EIOPA, and SCOR derives risk-free rates using the methodology specified by EIOPA. Unadjusted risk-free rates are used with no transitional or long-term guarantee measures (e.g. volatility adjustments).

## D.2.1. NON-LIFE TECHNICAL PROVISIONS

The table below presents the Non-Life technical provisions of SCOR Group.

**SCOR Group**

| As at December 31, 2017<br>*In EUR thousands* | EBS |
|---|---|
| **Non-Life technical provisions (TPs)** | **11,510,726** |
| TPs – Non-Life (excl. Health) | 11,296,885 |
| Best estimate | 10,795,206 |
| Risk margin | 501,679 |
| TPs – Health similar to Non-Life (NSLT) | 213,841 |
| Best estimate | 201,349 |
| Risk margin | 12,492 |
| **Non-Life reinsurance recoverables** | **(1,056,593)** |
| Non-Life (excl. Health) | (1,056,048) |
| Health NSLT | (545) |
| **NET NON-LIFE TECHNICAL PROVISIONS** | **10,454,133** |

### D.2.1.1. SEGMENTATION BY LINES OF BUSINESS

The table below shows the valuation of P&C net technical provisions of SCOR Group as at December 31, 2017, presented by line of business (LoB) as defined for Solvency II reporting purposes.

**SCOR Group**

| As at December 31, 2017<br>*In EUR thousands* | Best estimates liabilities (BEL) | Reinsurance recoverables | Risk margin | Total net technical provisions |
|---|---|---|---|---|
| Income protection insurance | 31,218 | (40) | 1,710 | 32,888 |
| Workers' compensation insurance | 44,831 | (26) | 2,462 | 47,267 |
| Motor vehicle liability insurance | 484,675 | (5,342) | 40,362 | 519,695 |
| Marine, aviation and transport insurance | 412,489 | (81,136) | 21,621 | 352,974 |
| Fire and other damage to property insurance | 2,224,680 | (317,747) | 116,809 | 2,023,742 |
| General liability insurance | 2,116,487 | (202,096) | 112,705 | 2,027,096 |
| Credit and suretyship insurance | 376,225 | (82) | 24,569 | 400,712 |
| Miscellaneous financial loss | 44,667 | (126) | 9,567 | 54,108 |
| Non-proportional Health reinsurance | 125,300 | (479) | 8,320 | 133,141 |
| Non-proportional casualty reinsurance | 3,426,251 | (19,012) | 106,814 | 3,514,053 |
| Non-proportional marine, aviation, transport reinsurance | 323,087 | (54,538) | 4,546 | 273,095 |
| Non-proportional property reinsurance | 1,386,645 | (375,969) | 64,686 | 1,075,362 |
| **TOTAL** | **10,996,555** | **(1,056,593)** | **514,171** | **10,454,133** |

The P&C net technical provisions of EUR 10,454 million correspond to the sum of P&C best estimate liabilities net of reinsurance recoverables of EUR 9,940 million and a risk margin of EUR 514 million.

The P&C net best estimate liabilities of EUR 9,040 million (comprising gross best estimate liabilities of 10,997 million and reinsurance recoverables of EUR (1,057) million, as presented in the above table) are composed of two parts: net claims provisions (EUR 10,751 million) and net premiums provisions (EUR (811) million). The expected future premiums and premium estimates net of commissions are not shown on the assets side of the EBS but are netted down from the future claims on the liability side.

## D.2.1.2. BEST ESTIMATE LIABILITY

### Claims provisions methodology and assumptions

The elements of claims provisions (EUR10,751 million) recognized within best estimate liabilities in the SCOR Group EBS are described below:

- IBNR corresponds to the reserves for claims incurred but not yet reported and not sufficiently reserved. It is calculated in the SCOR system at actuarial segment/underwriting year level using Best Estimate Ultimate Loss Ratios which are based on an annual analysis conducted each year by the local actuaries;
- outstanding claims are the same as under IFRS, except for SCOR US with the cancellation of the workers' compensation discount (specifically recognized under US GAAP and IFRS);
- claims estimates mainly correspond to the loss corridor clause, which is a feature of the contract defining a range of loss ratios between which the reinsurer will pay a percentage defined in the contract. An estimation of the amounts to be paid is computed according to the best estimate loss ratios;
- in calculating the unallocated loss adjustment expenses (ULAE) and overhead expenses, SCOR takes into account all cash flows arising from expenses that will be incurred in servicing the recognized insurance and reinsurance obligations over the lifetime thereof. This includes administrative expenses, investment management expenses and claims management handling expenses;
- claims discount represents the adjustment for the time value of money linked to claims estimates, outstanding claims, IBNR and ULAE reserves. The discount on claims reserves is calculated using underwriting years' claims patterns calculated by SCOR and risk-free rates yield curves published by EIOPA;
- the underwriting claims patterns gross of retrocession are estimated each year by local actuaries at actuarial segment level. In most cases, patterns are calculated using the Chain-Ladder method, derived from the claims paid triangles;
- each and every year, relevant assumptions made in the calculation of best estimates are reviewed and updated, especially for the annuities discount. SCOR takes into account market exogenous information such as medical inflation and interest rates.

### Premium provisions methodology and assumptions

The elements of Solvency II premium provisions are described below:

- future premiums correspond to the part of the premiums not yet written and relate to the difference between EGPI and written premiums for bound contracts only;
- future commissions correspond to commissions on future premiums;
- future claims are the claims reserves related to future premiums and IFRS unearned premium reserves. The best loss ratio used for future claims calculation is derived by P&C reserving actuaries from either pricing loss ratios or experience loss ratios;
- the premium estimates correspond to the portion of written premiums not yet received in cash. Premium estimates include reinstatement and burning cost premiums which are calculated using the projected claims ultimate (so including IBNR). Given that IBNR under IFRS and EBS are not necessarily the same, reinstatement premiums and burning cost premiums will also vary;
- the commission estimates correspond to the commissions on premium estimates. Commission estimates include sliding scale commissions and profit commissions, which are calculated using the projected claims ultimate;
- ULAE on future claims is calculated in the same way as ULAE for Claims Provisions;
- discount: claims discount principles apply to the premium discount.

### Comparison to prior period

Compared to last year, some changes have been made to the methods used or primary assumptions.

On the UK non-proportional motor and UK medical malpractice segments, the Ogden rate change (from 2.5% to (0.75%)) at the beginning of the year has been taken into account.

On the French Motor and French medical malpractice segments, the long-term interest rate has been changed to reflect the current economic environment.

### List of the most commonly used methods

To assess the IFRS and Solvency II Best Estimate, the Group uses generally accepted actuarial methods, which take into account quantitative loss experience data, together with qualitative factors and exogenous data, where appropriate. The reserves are also adjusted to reflect reinsurance treaty terms and conditions, and the variety of claims processing that may potentially affect the Group's commitment over time.

SCOR uses in particular:

- deterministic methods (e.g. Chain Ladder, Bornhuetter-Ferguson, Average cost or Loss ratio methods) for Best Estimate and patterns assessment;
- stochastic approaches (e.g. Mack model, Bootstrap) for reserves' volatility estimates;
- experts' judgments (e.g. exogenous a priori loss ratios provided by SCOR Global P&C pricing or underwriting, market benchmark such as Reinsurance Association of America patterns);
- tailor made solutions: depending on data availability and portfolio complexity, SCOR develops tailor made solutions. Some parameters used in these models can be subject to dedicated studies. These parameters include, but are not limited to, interest rates, legal development and inflation.

## D.2.1.3. LEVEL OF UNCERTAINTY

In the P&C business, the uncertainty arises primarily from:

- the level of ultimate loss ratios used to compute the reserves. Some reserving methods require the use of a priori ultimate loss ratios. Pricing loss ratios are often used; sensitivities around these ratios are tested;
- the level of the case reserves which is tested through two tests: the first tests the tail development and the second tests outstanding claims reserves;
- the legal precedent. For some contracts (especially bodily injuries), the level of uncertainty arises from the annuities payment parameters such as mortality table and capitalization rate. These parameters can vary over time due to the economic environment, market changes and legal precedents.

The results of the above stress tests fall within a reasonable range of potential loss deviations from the best estimate and are absorbable by usual reserve volatility.

## D.2.1.4. REINSURANCE RECOVERABLES

SCOR transfers part of its risks to retrocessionaires via retrocession programs. The retrocessionaires then assume, in exchange for the payment of a premium by SCOR, the losses related to claims covered by the retrocession contracts.

### Retrocession IBNR

For proportional retrocession, the cession rate is applied to assumed best estimate IBNRs and retrocession IBNR amounts are automatically calculated.

For non-proportional retrocession under the Solvency II framework, it is considered that the retrocession IBNRs booked under IFRS reflect the best estimates position.

### Retrocession discount

For proportional retrocession, the pattern of the corresponding assumed segments is used for proportional retrocession.

For non-proportional retrocession, the pattern linked to the LoB retrocession is used to calculate the cash flows of the retrocession contract.

### Adjustment for expected losses due to counterparty default (bad debts)

Reinsurance Bad Debt is estimated at contract/section/underwriting year/retrocessionaire level using the rating of its retrocessionaires. The rating is associated with an expected default probability and a recovery rate provided by EIOPA in Article 199 of the delegated acts.

### Retrocession segmentation

For proportional retrocession, the allocation by line of business follows the assumed segmentation.

For non-proportional retrocession, rules starting from the retrocession contract criteria are used.

## D.2.1.5. RISK MARGIN

The general risk margin methodology is described in Section D.2 – Technical provisions.

### D.2.1.6. COMPARISON WITH THE VALUATION IN THE FINANCIAL STATEMENTS

The main differences between IFRS and EBS reserves (excluding risk margin) as at December 31, 2017 are shown in the following tables, which are split between claims and premium reserves:

**SCOR Group**

| As at December 31, 2017<br>*In EUR thousands* | EBS Claims provisions | IFRS claims provisions | Difference |
|---|---|---|---|
| Income protection | 36,998 | 35,061 | 1,937 |
| Workers' compensation | 45,710 | 51,532 | (5,822) |
| Motor vehicle liability | 485,755 | 512,283 | (26,528) |
| Marine, aviation and transport | 349,553 | 367,371 | (17,818) |
| Fire and other damage to property | 2,070,171 | 2,147,050 | (76,879) |
| General liability | 2,117,636 | 2,192,314 | (74,678) |
| Credit and suretyship | 474,720 | 503,097 | (28,377) |
| Miscellaneous financial loss | 35,502 | 36,377 | (875) |
| Non-proportional Health | 130,244 | 115,278 | 14,966 |
| Non-proportional casualty | 3,541,985 | 3,652,512 | (110,527) |
| Non-proportional marine, aviation and transport | 289,081 | 314,073 | (24,992) |
| Non-proportional property | 1,173,708 | 1,215,914 | (42,206) |
| **TOTAL** | **10,751,063** | **11,142,862** | **(391,799)** |

The main differences between IFRS and Solvency II best estimate liabilities arise from the reserve adequacy amount, the claims discount as well as a broader scope of the ULAE definition.

Regarding ULAE, the IFRS definition includes only claims expenses, whereas the EBS definition also includes administrative and investment expenses.

**SCOR Group**

| As at December 31, 2017<br>*In EUR thousands* | EBS Premium provisions | IFRS Premium provisions | Difference |
|---|---|---|---|
| Income protection | (5,820) | 6,055 | (11,875) |
| Workers' compensation | (905) | 84 | (989) |
| Motor vehicle liability | (6,422) | 167,133 | (173,555) |
| Marine, aviation and transport | (18,200) | 153,371 | (171,571) |
| Fire and other damage to property | (163,238) | 627,195 | (790,433) |
| General liability | (203,245) | 535,077 | (738,322) |
| Credit and suretyship | (98,577) | 181,983 | (280,560) |
| Miscellaneous financial loss | 9,039 | 43,471 | (34,432) |
| Non-proportional Health | (5,423) | (154) | (5,269) |
| Non-proportional casualty | (134,746) | 90,126 | (224,872) |
| Non-proportional marine, aviation and transport | (20,532) | 31,584 | (52,116) |
| Non-proportional property | (163,032) | 273,126 | (436,158) |
| **TOTAL** | **(811,101)** | **2,109,051** | **(2,920,152)** |

The main differences between IFRS and Solvency II best estimate liabilities arise from the inclusion of premium/commission estimates within technical provisions and future positions. Regarding the premium estimates, it is due to a difference of position in the balance sheet: the premium estimates are included in assets under IFRS whereas they are included in technical provisions in a Solvency II view.

The future positions do not exist in the IFRS balance sheet but replace the Unearned Premium Reserves and DAC (booked on the assets side under IFRS). They also include future cash flows relating to contract boundaries, which are not integrated into the consolidated financial statements (see Section D.2.1.2 – Best Estimate Liability).

## D.2.2. LIFE TECHNICAL PROVISIONS

The table below presents the Life technical provisions of SCOR Group.

**SCOR Group**

| **As at December 31, 2017**<br>*In EUR thousands* | **EBS** |
|---|---|
| **Life technical provisions** | **8,122,880** |
| TPs – Life (excl. Health and unit linked) | 5,185,258 |
| Best estimate | 2,374,146 |
| Risk margin | 2,811,112 |
| TPs – Health SLT | 2,937,622 |
| Best estimate | 2,651,761 |
| Risk margin | 285,861 |
| **Life reinsurance recoverables** | **163,917** |
| Life (excl. Health and unit linked) | 264,655 |
| Health SLT | (100,738) |
| **Net Life technical provisions** | **8,286,797** |

### D.2.2.1. SEGMENTATION BY LINES OF BUSINESS

Life technical provisions are segmented in the economic balance sheet into life (excl. health and unit-linked) and health similar to life (SLT). These correspond to the assumed reinsurance life and assumed reinsurance health lines of business as required under Solvency II.

**SCOR Group**

| **As at December 31, 2017**<br>*In EUR thousands* | **Best estimates liabilities (BEL)** | **Reinsurance recoverables** | **Risk margin** | **Total net technical provisions** |
|---|---|---|---|---|
| Reinsurance Life | 2,374,146 | 264,655 | 2,811,112 | 5,449,913 |
| Reinsurance Health | 2,651,761 | (100,738) | 285,861 | 2,836,884 |
| **TOTAL** | **5,025,907** | **163,917** | **3,096,973** | **8,286,797** |

### D.2.2.2. BEST ESTIMATE LIABILITY

Life best estimate liabilities (BEL) are calculated as the net present value of future cash flows in respect of assumed reinsurance contracts (i.e. gross of retrocession), projected deterministically using best estimate assumptions. Amounts recoverable from reinsurance contracts are projected separately and follow the same valuation methodology as Life BEL.

The cash flows considered for the BEL cover all liability cash flows related to premiums, benefits and expenses including the time value of options and guarantees. In general, cash flows are projected using actuarial valuation models that reflect the specific contractual conditions.

#### Actuarial bases and methodologies

Cash flows are projected using SCOR's best estimate assumptions. For the vast majority of SCOR's exposure, projections are based on recent data of individual policyholders reinsured under the reinsurance contracts, with modeling either at an individual policyholder level (seriatim models) or based on aggregated model points derived from individual policyholder data.

The term of the projection usually corresponds to the projected run-off of the block of business until natural expiry of the policies (subject to contract boundaries), or 65 years if shorter.

All technical cash flows arising from the reinsurance contracts are projected with an allowance for relevant expenses.

Cash flows are generally calculated and reported in the relevant original currency, with some minor exposures mapped to similar currencies and discounted at the assumed risk-free rate for the relevant currency.

### Best estimate assumptions

The main categories for best estimate assumptions are related to biometric risks, policyholder behavioral risks, expenses associated with the management of reinsurance contracts including investment management expenses and economic assumptions. Assumptions are regularly reviewed and updated, where appropriate, based on the best available information at the date of valuation, including both internal and publicly available information. The information and data used to set assumptions for material portfolios are re-evaluated annually. Assumptions are derived by actuarial modeling teams and relevant experts, and are subject to independent internal and external reviews.

The main biometric assumptions are for mortality (e.g. mortality rates, mortality improvement, impact of selection and anti-selection), longevity and morbidity (e.g. claims incidence rates, recovery rates).

Policyholder behavior is modeled by the use of assumptions related to lapse, surrender and premium payment patterns.

Expected future cedent actions that would impact SCOR's future cash flows are also considered.

SCOR's total actual expenses are subdivided between maintenance, covering administrative and claims management expenses, acquisition, investment and one-off expenses based on the related activities. Projected cash flows include projected maintenance expenses, with an allowance for future inflation, and projected investment expenses.

Collateral costs are projected using assumptions based on the characteristics of the relevant collateral.

Economic assumptions (inflation rates, exchange rates, interest rates, implied volatility rates) have been calibrated to the prices of relevant financial market instruments observable at the date of valuation.

Foreign exchange rates used at the valuation date are consistent with IFRS closing rates, assuring consistency with the IFRS balance sheet, which forms the basis for the EBS as of that date.

### Comparison to prior period

Compared to last year, the main change was an update to the assumptions for US mortality to reflect recent experience.

## D.2.2.3. SIGNIFICANT SIMPLIFIED METHODS USED

SCOR uses simplified methods to value about 7% of its Life and Health portfolio, measured in terms of the present value of projected future claims. These simplified methods either rely on model polices which are not derived from recent seriatim policy data; or are purely based on the historic aggregate accounting data of a treaty, extrapolating existing accounting data history under a duration and run-off assumption; or are models with other simplifications. Adjustments may be made to better reflect treaty conditions.

## D.2.2.4. LEVEL OF UNCERTAINTY – SENSITIVITIES

The key area of uncertainty associated with the value of the technical provisions arises from the setting of best estimate assumptions. Assumptions are therefore reviewed on a regular basis, updated based on the best available information and are subject to independent reviews. In particular, while some assumptions can be reliably observed from market information or derived from recent experience data, other assumptions must be set for periods far in the future and so must allow for the development of trends and external influences, or for exposures for which less experience data are available. In these cases, SCOR applies expert judgment to enrich data, derive parameters for the forecast, and reduce uncertainty in estimations. SCOR applies expert judgment within a framework to make sure that its application is proportionate to the quantity and quality of data available, and to its potential impact.

The sensitivity of the BEL to the best estimate assumptions is analyzed through sensitivity tests. Their impacts are described below.

### Mortality sensitivity

The most significant set of parameters in determining SCOR's Life portfolio technical provisions are those for the projection of current and future mortality rates. A deterioration of expected mortality would cause a significant increase in Life technical provisions, as mortality risk is a core element of SCOR's Life risk appetite.

Some reduction in technical provisions would be observable on the annuity business in the case of a mortality increase. However, this is less material compared to the potential impact from the mortality business for the comparable scenario.

### Morbidity sensitivity

A deterioration of expected morbidity would increase Life and Health technical provisions. The impact would be far lower than a comparable change to expected mortality, as the exposure of the Life division portfolio to morbidity risk is lower.

### Lapse sensitivity

Technical provisions for Life business would increase and the market value of deposits would decrease with an increase in assumed future lapse rates. Lapse rates can change due to the influence of external factors.

### Interest rate sensitivity

A parallel upward shift in the yield curve would reduce the Life division technical provisions. This would be partly offset by a decrease in the market value of deposits.

A parallel downward shift would have the opposite impact.

## D.2.2.5. REINSURANCE RECOVERABLES

SCOR transfers part of its risks to retrocessionaires via retrocession programs. The reinsurance recoverables associated with these programs are calculated using the same methodology, systems and processes as the underlying BEL of assumed reinsurance treaties. Special purpose vehicles are not in place for SCOR's life portfolio retroceded. The exposure to default risk on the retrocession recoverables is minor, as in most Life retrocessions, positive cash flows are expected to be ceded.

## D.2.2.6. RISK MARGIN

The general risk margin methodology is described in Section D.2 – Technical provisions.

## D.2.2.7. COMPARISON WITH THE VALUATION IN THE FINANCIAL STATEMENTS

This section presents the main differences between the Life Solvency II net technical balances and the corresponding IFRS balances for SCOR Group reported as at December 31, 2017, which are shown in the table below.

**SCOR Group**

| **As at December 31, 2017**<br>*In EUR thousands* | **EBS** | **Consolidated – IFRS** | **Difference** |
|---|---|---|---|
| VoBA | - | 1,411,615 | (1,411,615) |
| Net deferred acquisition costs | - | 1,338,818 | (1,338,818) |
| Net deposits | 8,161,605 | 7,259,546 | 902,059 |
| Reinsurance recoverables | (163,917) | 460,821 | (624,738) |
| (Re)insurance receivables/payables | 637,180 | 2,802,549 | (2,165,369) |
| Technical provisions/BEL | (5,025,907) | (11,944,336) | 6,918,429 |
| Risk margin | (3,096,973) | - | (3,096,973) |
| **TOTAL NET LIFE TECHNICAL BALANCES** | **511,988** | **1,329,013** | **(817,025)** |

The analysis of valuation differences between economic valuation and IFRS in the table above considers BEL, risk margin and market value adjustment on deposits in comparison to the corresponding consolidated IFRS amounts. A neutral element is the difference in (re)insurance receivables/payables, which represents a reclassification of the IFRS technical provision component, which is not modeled in BEL. As mentioned in Sections D.1.1 – Goodwill and other intangible assets and D.1.5 – Insurance technical assets, VOBA (value of business acquired) and DAC (deferred acquisition costs) recognized in IFRS are eliminated for the purpose of EBS, as underlying cash-flow projections are already considered in best estimate liabilities and reinsurance recoverables.

In addition to the above, valuation differences are due to prudency margins, both implicit and explicit, allowed for under IFRS but not under Solvency II, but also from differences:

- between best estimate and static non-economic assumptions;
- in interest rate assumptions;
- in allowances for specific fees;
- in allowances for internal administration expenses; and
- in the methodology for assessing the reserves,

of which the main sources of valuation difference are the methodology used and the difference in non-economic assumptions.

At the level of reserves recognized in IFRS balance sheet and EBS, the following table provides a view by line of business.

### SCOR Group

| As at December 31, 2017<br>*In EUR thousands* | IFRS net contract liabilities | IFRS claims estimates paid | IFRS net contract liabilities excl. CEP | EBS net BEL | EBS RM | EBS net Technical provision | Difference |
|---|---|---|---|---|---|---|---|
| Assumed reinsurance Life | 10,245,233 | 1,412,404 | 8,832,829 | 2,638,801 | 2,811,112 | 5,449,913 | 3,382,916 |
| Assumed reinsurance Health | 3,882,420 | 770,913 | 3,111,507 | 2,551,023 | 285,861 | 2,836,884 | 274,623 |
| **TOTAL** | **14,127,652** | **2,183,317** | **11,944,336** | **5,189,824** | **3,096,973** | **8,286,797** | **3,657,539** |

IFRS contract liabilities are eliminated and replaced by technical provisions. In that process, IFRS claims estimates paid are reclassified to payables and receivables without any revaluation. The remaining differences by line of business are as explained above.

For further details on IFRS valuation methods and balances please refer to the 2017 Registration Document, Section 4 – Notes to the consolidated financial statements, Note 15 – Net contract liabilities.

## D.2.3. SCOR SE – ADDITIONAL INFORMATION ON THE VALUATION OF TECHNICAL PROVISIONS

The table below presents the technical provisions of SCOR SE.

### SCOR SE

| As at December 31, 2017<br>*In EUR thousands* | EBS |
|---|---|
| **Non-Life technical provisions** | **1,780,413** |
| TPs – Non-Life (excl. Health) | 1,769,092 |
| Best estimate | 1,699,295 |
| Risk margin | 69,797 |
| TPs – Health similar to Non-Life (NSLT) | 11,321 |
| Best estimate | 10,892 |
| Risk margin | 429 |
| **Life technical provisions** | **1,717,265** |
| TPs – Health SLT | 1,115,337 |
| Best estimate | 1,113,626 |
| Risk margin | 1,711 |
| TPs – Life (excl. Health and unit linked) | 601,928 |
| Best estimate | 579,833 |
| Risk margin | 22,095 |
| **Reinsurance recoverables** | **(377,951)** |
| Non-Life (excl. Health) | (374,838) |
| Health NSLT | (3,113) |
| **Net technical provisions** | **3,119,727** |

### D.2.3.1. SEGMENTATION BY LINES OF BUSINESS

The valuation of technical provisions corresponds to the approach described for SCOR Group above (Sections D.2.1 – Non-Life technical provisions and D.2.2 – Life technical provisions).

**SCOR SE – Non-Life**

| As at December 31, 2017 *In EUR thousands* | Best estimates liabilities (BEL) | Reinsurance recoverables | Risk margin | Total net technical provisions |
|---|---|---|---|---|
| Income protection insurance | 7,218 | (86) | 331 | 7,463 |
| Workers' compensation insurance | 12 | - | 97 | 109 |
| Motor vehicle liability insurance | 172,607 | (123,597) | 11,167 | 60,177 |
| Marine, aviation and transport insurance | 49,575 | (16,332) | 4,430 | 37,673 |
| Fire and other damage to property insurance | 257,881 | (102,506) | 28,055 | 183,430 |
| General liability insurance | 254,234 | (19,214) | 20,391 | 255,411 |
| Credit and suretyship insurance | 154,657 | (90,867) | 4,475 | 68,265 |
| Miscellaneous financial loss | 3,017 | (428) | 376 | 2,965 |
| Non-proportional Health reinsurance | 3,662 | (1) | 1 | 3,662 |
| Non-proportional casualty reinsurance | 547,358 | (1,832) | 47 | 545,573 |
| Non-proportional marine, aviation, transport reinsurance | 50,356 | (189) | 7 | 50,174 |
| Non-proportional property reinsurance | 209,610 | (19,787) | 849 | 190,672 |
| **TOTAL** | **1,710,187** | **(374,839)** | **70,226** | **1,405,574** |

**SCOR SE – Life**

| As at December 31, 2017 *In EUR thousands* | Best estimates liabilities (BEL) | Reinsurance recoverables | Risk margin | Total net technical provisions |
|---|---|---|---|---|
| Reinsurance Life | 579,833 | 7,480 | 22,095 | 609,408 |
| Reinsurance Health | 1,113,626 | (10,593) | 1,711 | 1,104,744 |
| **TOTAL** | **1,693,459** | **(3,113)** | **23,806** | **1,714,152** |

### D.2.3.2. LEVEL OF UNCERTAINTY – SENSITIVITIES

The majority of Life best estimate liabilities recognized by SCOR SE is related to a retrocession agreement with SGL SE, which is stable under various scenarios, such that the uncertainty is seen to be low.

As for Non-Life, the majority of the best estimate liabilities recognized by SCOR SE are related to its Beijing branch and to retrocession agreements with SGP&C SE. Due to the relatively comparable nature of the risks carried by SCOR Group and SCOR SE, sensitivity tests performed on SCOR SE follow a similar approach as for the Group's Non-Life technical provisions (see Section D.2.1.3 – Level of uncertainty).

### D.2.3.3. COMPARISON WITH THE VALUATION IN THE FINANCIAL STATEMENTS

This section presents the main differences between the Solvency II net technical balances and the corresponding French GAAP balances for SCOR SE reported as at December 31, 2017, which are shown in the table below.

**SCOR SE**

| **As at December 31, 2017** *In EUR thousands* | **EBS** | **Statutory French GAAP** | **Difference** |
|---|---|---|---|
| Net deferred acquisition costs | - | 73,049 | (73,049) |
| Net deposits | 1,411,656 | 1,367,451 | 44,205 |
| Reinsurance recoverables | 377,951 | 703,707 | (325,756) |
| (Re)insurance receivables/payables | (175,062) | 252,172 | (427,234) |
| Technical provisions/BEL | (3,403,646) | (4,392,621) | 988,975 |
| Non-Life | (1,710,187) | (2,661,826) | 951,639 |
| Life | (1,693,460) | (1,730,795) | 37,335 |
| Risk margin | (94,031) | - | (94,031) |
| **TOTAL NET TECHNICAL BALANCES** | **(1,883,132)** | **(1,996,242)** | **113,110** |

The total amount of difference between French GAAP and Solvency II net technical balances is EUR 113 million, including EUR (94) million of risk margin. The differences between French GAAP and Solvency II net technical provisions are related to the same drivers as outlined in Sections D.2.1 – Non-Life technical provisions and D.2.2 – Life technical provisions as the majority of SCOR SE business is related to internal retrocessions from SGL SE and SGP&C SE.

The differences between EBS and French GAAP[1] Non-Life technical provisions include all the adjustments already mentioned in Section D.2.1 – Non-Life technical provisions for the Group with regards to IFRS.

In addition to this, the difference with statutory valuation comparing to EBS technical provisions include the equalization reserves (considered in French GAAP but not in line with best estimates principles) and a reclassification of the claims estimates account (described in Section D.2.1.2 – Best estimate liability) in the debtor/creditor accounts of the French GAAP balance sheet instead of technical provisions.

(1) For further detail on French GAAP valuation, method and balances please refer to the 2017 Registration Document, Appendix C – 5. Notes to the corporate financial statements, Section 5.1.8 – Technical/Underwriting reserves, for accounting principles and methods and Section 5.2.9 – Transactions with subsidiaries, affiliates and others, for other disclosures.

The main differences between French GAAP and EBS reserves (excluding risk margin) as at December 31, 2017 are shown in the following tables, which are split between claims and premium reserves:

### SCOR SE

| **As at December 31, 2017** *In EUR thousands* | **EBS Claims provisions** | **French GAAP Claims provisions** | **Difference** |
|---|---|---|---|
| Income protection | 8,319 | 7,020 | 1,299 |
| Workers' compensation | 30 | 30 | - |
| Motor vehicle liability | 55,807 | 58,614 | (2,807) |
| Marine, aviation and transport | 45,105 | 44,713 | 392 |
| Fire and other damage to property | 139,513 | 144,609 | (5,096) |
| General liability | 304,535 | 309,394 | (4,859) |
| Credit and suretyship | 96,060 | 99,163 | (3,103) |
| Miscellaneous financial loss | 3,839 | 3,956 | (117) |
| Non-proportional Health | 4,363 | 4,599 | (236) |
| Non-proportional casualty | 596,216 | 644,872 | (48,656) |
| Non-proportional marine, aviation and transport | 65,799 | 66,104 | (305) |
| Non-proportional property | 405,594 | 438,536 | (32,942) |
| **TOTAL** | **1,725,180** | **1,821,610** | **(96,430)** |

The main differences between French GAAP and Solvency II best estimate liabilities come from the reserve adequacy amount, the claims discount as well as a broader scope of the ULAE definition. Regarding ULAE, the French GAAP definition includes only claims expenses, whereas the EBS definition also includes administrative and investment expenses.

### SCOR SE

| **As at December 31, 2017** *In EUR thousands* | **EBS Premium provisions** | **French GAAP Premium provisions** | **Difference** |
|---|---|---|---|
| Income protection | (1,187) | 1,192 | (2,379) |
| Workers' compensation | (18) | 17 | (35) |
| Motor vehicle liability | (6,797) | 28,749 | (35,546) |
| Marine, aviation and transport | (11,862) | 27,577 | (39,439) |
| Fire and other damage to property | 15,862 | 102,650 | (86,788) |
| General liability | (69,515) | 37,881 | (107,396) |
| Credit and suretyship | (32,270) | 53,447 | (85,717) |
| Miscellaneous financial loss | (1,250) | 1,093 | (2,343) |
| Non-proportional Health | (702) | - | (702) |
| Non-proportional casualty | (50,690) | 8,099 | (58,789) |
| Non-proportional marine, aviation and transport | (15,632) | 7,528 | (23,160) |
| Non-proportional property | (215,771) | 51,801 | (267,572) |
| **TOTAL** | **(389,832)** | **320,034** | **(709,866)** |

The main differences between French GAAP and Solvency II best estimate liabilities arise from the inclusion of premium/commission estimates within technical provisions and future positions. Regarding the premium estimates, it is due to a difference of position in the balance sheet: the premium estimates are included in assets under French GAAP whereas they are included in technical provisions in a Solvency II view.

The future positions do not exist in the French GAAP balance sheet but replace the Unearned Premium Reserves and DAC (booked on the assets side under French GAAP). They also include future cash flows relating to contract boundaries, which are not integrated into the French GAAP financial statements (see Section D.2.1.2 – Best estimate liability).

## D.2.4. SGP&C SE – ADDITIONAL INFORMATION ON THE VALUATION OF TECHNICAL PROVISIONS

The table below presents the technical provisions of SGP&C SE.

### SGP&C SE

| **As at December 31, 2017** *In EUR thousands* | **EBS** |
|---|---|
| **Non-Life technical provisions** | **6,464,617** |
| TPs – Non-Life (excl. Health) | 6,399,691 |
| Best estimate | 6,232,176 |
| Risk margin | 167,515 |
| TPs – Health similar to Non-Life (NSLT) | 64,926 |
| Best estimate | 63,190 |
| Risk margin | 1,736 |
| **Non-Life reinsurance recoverables** | **(2,558,201)** |
| Non-Life (excl. Health) | (2,531,416) |
| Health NSLT | (26,785) |
| **NET NON-LIFE TECHNICAL PROVISIONS** | **3,906,416** |

### D.2.4.1. SEGMENTATION BY LINES OF BUSINESS

The valuation of technical provisions of SGP&C SE corresponds to the approach described for SCOR Group in D.2.1 – Non-Life technical provisions.

The table below shows the valuation of net technical provisions of SGP&C SE as at December 31, 2017, presented by line of business (LoB) as defined for Solvency II reporting purposes.

**SGP&C SE**

| **As at December 31, 2017**<br>*In EUR thousands* | **Best estimates liabilities (BEL)** | **Reinsurance recoverables** | **Risk margin** | **Total net technical provisions** |
|---|---|---|---|---|
| Income protection | 27,742 | (12,769) | 731 | 15,704 |
| Workers' compensation | 9,838 | (4,880) | 211 | 5,169 |
| Motor vehicle liability | 222,704 | (103,914) | 6,115 | 124,905 |
| Marine, aviation and transport | 313,882 | (80,288) | 10,482 | 244,076 |
| Fire and other damage to property | 895,615 | (507,442) | 21,480 | 409,653 |
| General liability | 799,293 | (298,869) | 25,101 | 525,525 |
| Credit and suretyship | 152,978 | (61,627) | 4,833 | 96,184 |
| Miscellaneous financial loss | 39,463 | (2,603) | 1,886 | 38,746 |
| Non-proportional Health | 25,609 | (9,136) | 794 | 17,267 |
| Non-proportional casualty | 2,856,234 | (962,660) | 68,390 | 1,961,964 |
| Non-proportional marine, aviation and transport | 157,755 | (87,180) | 3,863 | 74,438 |
| Non-proportional property | 794,253 | (426,833) | 25,365 | 392,785 |
| **TOTAL** | **6,295,366** | **(2,558,201)** | **169,251** | **3,906,416** |

The P&C net technical provisions of EUR 3,906 million is the sum of a P&C net best estimate liabilities of EUR 3,737 million and a risk margin of EUR 169 million.

The P&C net best estimate liabilities of EUR 3,737 million (comprising the gross best estimate liabilities of EUR 6,295 million and reinsurance recoverables of EUR 2,558 million, as presented in the above table) are composed of two parts: net claims provisions (EUR 3,672 million) and net premiums provisions (EUR 65 million). The assumed future premiums and premium estimates net of commissions are not shown on the assets side of the EBS but are netted down from the future claims on the liability side.

### D.2.4.2. LEVEL OF UNCERTAINTY

Sensitivity tests performed on SGP&C SE follow a similar approach as for the Group's Non-Life technical provisions (see Section D.2.1.3 – Level of uncertainty).

### D.2.4.3. COMPARISON WITH THE VALUATION IN THE FINANCIAL STATEMENTS

This section presents the main differences between the Solvency II net technical balances and the corresponding French GAAP balances for SGP&C SE reported as at December 31, 2017.

The differences between EBS and French GAAP[1] Non-Life technical provisions include all the adjustments already mentioned in Section D.2.1.6 – Comparison with valuation in financial statements for the Group with regards to IFRS.

In addition to this, the difference in the statutory valuation compared to EBS technical provisions includes the equalization reserves (considered in French GAAP but not in line with best estimates principles) and a reclassification of the claims estimates account (described in Section D.2.1.2 – Best estimate liabilities) in the debtor/creditor accounts of the French GAAP balance sheet instead of technical provisions.

(1) For further detail on French GAAP valuation, method and balances please refer to the notes included in the 2017 Corporate Financial Statements of SGP&C SE: for accounting principles and methods – Note 5.1.8 – Underwriting reserves and for other disclosure – Note 5.2.9 – Transactions with subsidiaries, affiliates and others.

The main differences between French GAAP and EBS (excluding risk margin) as at December 31, 2017 are shown in the following tables, which are split between claims and premium reserves:

### SGP&C SE

| **As at December 31, 2017**<br>*In EUR thousands* | **EBS Claims provisions** | **French GAAP Claims provisions*** | **Difference** |
|---|---|---|---|
| Income protection | 16,419 | 15,365 | 1,054 |
| Workers' compensation | 5,227 | 5,718 | (491) |
| Motor vehicle liability | 125,093 | 135,461 | (10,368) |
| Marine, aviation and transport | 220,741 | 229,236 | (8,495) |
| Fire and other damage to property | 439,720 | 447,704 | (7,984) |
| General liability | 491,290 | 493,684 | (2,394) |
| Credit and suretyship | 93,941 | 90,179 | 3,762 |
| Miscellaneous financial loss | 25,150 | 25,776 | (626) |
| Non-proportional Health | 19,356 | 20,408 | (1,052) |
| Non-proportional casualty | 1,922,664 | 1,927,897 | (5,233) |
| Non-proportional marine, aviation and transport | 73,468 | 89,807 | (16,339) |
| Non-proportional property | 238,769 | 295,309 | (56,540) |
| **TOTAL** | **3,671,838** | **3,776,544** | **(104,706)** |

* *FGAAP claims provisions include net paid claims estimates, which are presented in insurance intermediaries receivable and reinsurance payable in SGP&C SE statutory accounts.*

The main differences between French GAAP and Solvency II best estimate liabilities arise from the reserve adequacy amount, the claims discount as well as a broader scope of the ULAE definition. Regarding ULAE, the French GAAP definition only includes claims expenses whereas the EBS definition also includes administrative and investment expenses.

### SGP&C SE

| **As at December 31, 2017**<br>*In EUR thousands* | **EBS Premium provisions** | **French GAAP Premium provisions** | **Difference** |
|---|---|---|---|
| Income protection | (1,446) | 2,372 | (3,818) |
| Workers' compensation | (269) | 42 | (311) |
| Motor vehicle liability | (6,303) | 21,374 | (27,677) |
| Marine, aviation and transport | 12,853 | 53,559 | (40,706) |
| Fire and other damage to property | (51,547) | 75,015 | (126,562) |
| General liability | 9,134 | 51,267 | (42,133) |
| Credit and suretyship | (2,590) | 34,636 | (37,226) |
| Miscellaneous financial loss | 11,709 | 33,249 | (21,540) |
| Non-proportional Health | (2,883) | 8 | (2,891) |
| Non-proportional casualty | (29,090) | 27,778 | (56,868) |
| Non-proportional marine, aviation and transport | (2,893) | 17,576 | (20,469) |
| Non-proportional property | 128,651 | 73,470 | 55,181 |
| **TOTAL** | **65,326** | **390,346** | **(325,020)** |

The main differences between French GAAP and Solvency II best estimate liabilities arise from the inclusion of premium/commission estimates within technical provisions and the future positions. Regarding the premium estimates, it is due to a difference of position in the balance sheet: the premium estimates are included in assets under French GAAP whereas they are included in technical provisions in a Solvency II view.

The future positions do not exist in the French GAAP balance sheet but replace the Unearned Premium Reserves and DAC (booked on assets side under French GAAP). They also include future cash flows relating to contract boundaries, which are not integrated into the French GAAP financial statements (see Section D.2.1.2 – Best estimate liabilities).

## D.2.5. SGL SE – ADDITIONAL INFORMATION ON THE VALUATION OF TECHNICAL PROVISIONS

The table below presents the technical provisions of SGL SE.

**SGL SE**

| **As at December 31, 2017** *In EUR thousands* | **EBS** |
|---|---|
| **Life technical provisions** | **6,876,895** |
| TPs – Health SLT | 2,901,897 |
| Best estimate | 2,648,138 |
| Risk margin | 253,759 |
| TPs – Life (excl. Health and unit-linked) | 3,974,998 |
| Best estimate | 3,530,123 |
| Risk margin | 444,875 |
| **Life reinsurance recoverables** | **(1,374,059)** |
| Health SLT | (1,212,545) |
| Life (excl. Health and unit-linked) | (161,514) |
| **NET LIFE TECHNICAL PROVISIONS** | **5,502,836** |

### D.2.5.1. SEGMENTATION BY LINES OF BUSINESS

The valuation of technical provisions of SGL SE corresponds to the approach described for SCOR Group (Section D.2.2 – Life technical provisions).

**SGL SE**

| **As at December 31, 2017** *In EUR thousands* | **Best estimates liabilities (BEL)** | **Reinsurance recoverables** | **Risk margin** | **Total net technical provisions** |
|---|---|---|---|---|
| Reinsurance Life | 3,530,123 | (161,514) | 444,875 | 3,813,484 |
| Reinsurance Health | 2,648,138 | (1,212,545) | 253,759 | 1,689,352 |
| **TOTAL NET LIFE PROVISIONS** | **6,178,261** | **(1,374,059)** | **698,634** | **5,502,836** |

### D.2.5.2. LEVEL OF UNCERTAINTY – SENSITIVITIES

Sensitivity tests performed on SGL SE follow a similar approach as for the Group's Life technical provisions (see Section D.2.2.4 – Level of uncertainty).

### D.2.5.3. COMPARISON WITH THE VALUATION IN THE FINANCIAL STATEMENTS

This section presents the main differences between the Solvency II net technical balances and the corresponding French GAAP balances for SGL SE reported as at December 31, 2017, which are shown in the table below.

#### SGL SE

| **As at December 31, 2017** *In EUR thousands* | **EBS** | **Statutory French GAAP** | **Difference** |
|---|---|---|---|
| Net deposits | 4,239,629 | 3,527,768 | 711,861 |
| Reinsurance recoverables | 1,374,059 | 2,056,934 | (682,875) |
| Technical provisions/BEL | (6,178,261) | (7,472,692) | 1,294,431 |
| Risk margin | (698,634) | - | (698,634) |
| **TOTAL NET LIFE TECHNICAL BALANCES** | **(1,263,207)** | **(1,886,811)** | **623,604** |

The resulting differences are part of the explanation in the reconciliation between the local GAAP balance sheet and the EBS. The analysis of valuation differences between economic valuation and French GAAP considers BEL, risk margin and MVA on deposits in comparison to the corresponding statutory French GAAP. A neutral element is the difference in (re)insurance receivables/payables, which represents a reclassification of IFRS technical provision component, which is not modeled in BEL.

Further to the above, for SGL SE valuation differences are due to prudency margins, both implicit and explicit, allowed for under French GAAP but not under Solvency II, but also from differences:

- between best estimate and locked-in non-economic assumptions;
- in interest assumptions;
- in allowance for specific fees;
- in allowances for internal administration expenses; and
- in the methodology for assessing the reserves.

For further details on the French GAAP valuation method and balances please refer to the notes included in the 2017 Financial statements of SGL SE: for accounting principles and methods – Section 5.1.9 – Underwriting reserves and for other disclosures – Section 5.2.9 – Transactions with subsidiaries, affiliates and others.

# D.3. OTHER LIABILITIES

The table below presents the liabilities of SCOR Group as per the EBS together with references to the relevant sections within this chapter explaining the valuation bases and methods used for Solvency II purposes.

### SCOR Group

| **Liabilities as at December 31, 2017**<br>*In EUR thousands* | **EBS Solvency II** | **Section** |
|---|---|---|
| Technical provisions – Non-Life | 11,510,726 | D.2.1 |
| Technical provisions – Life (excluding index-linked and unit-linked) | 8,122,880 | D.2.2 |
| Provisions other than technical provisions | 21,177 | D.3.5 |
| Pension benefit obligations | 182,422 | D.3.1 |
| Deposits from reinsurers | 671,983 | D.3.2 |
| Deferred tax liabilities | 560,395 | D.3.3 |
| Derivatives | 27,962 | D.3.4 |
| Debts owed to credit institutions | 487,200 | D.3.4 |
| Financial liabilities other than debts owed to credit institutions | 254,684 | D.3.4 |
| Insurance and intermediaries payables | 791,981 | D.3.2 |
| Reinsurance payables | 45,652 | D.3.2 |
| Payables (trade, not insurance) | 2,509,384 | D.3.5 |
| Subordinated liabilities | 2,227,080 | D.3.4 |
| Subordinated liabilities in basic own funds | 2,227,080 | |
| Any other liabilities, not elsewhere shown | 232,518 | D.3.5 |
| **TOTAL LIABILITIES** | **27,646,044** | |

## D.3.1. PENSION BENEFIT OBLIGATIONS

### SCOR Group

| | **As at December 31, 2017** | | |
|---|---|---|---|
| *In EUR thousands* | **EBS** | **Consolidated – IFRS** | **Difference** |
| Pension benefit obligations | 182,422 | 182,422 | - |
| **TOTAL PENSION BENEFIT OBLIGATIONS** | **182,422** | **182,422** | **-** |

### VALUATION FOR SOLVENCY PURPOSES

Pension benefit obligations are split between retirement provisions (EUR 177 million) and long-term service award provisions (EUR 5 million). They represent the net obligation in relation to defined benefit employee pension plans operated by SCOR. No surplus was recognized across the plans operated by SCOR as at December 31, 2017.

The Group provides retirement benefits to its employees, in accordance with the laws and practices of each country. The main plans are in France, Switzerland, the UK, the US and Germany.

Defined benefit plans are those where a sum is paid to the employee upon retirement, which is dependent upon one or several factors such as age, years of service and salary. Defined benefit obligations and contributions are calculated annually by independent qualified actuaries using the projected unit credit method, taking into consideration actuarial assumptions, salary increases, retirement age, mortality, turnover and discount rates. The assumptions are based on the macroeconomic environment of each country in which the Group operates. In assessing its liability for these plans, the Group uses external actuarial valuations which involve critical judgments and estimates of mortality rates, rates of employee turnover, disability, early retirement, discount rates, future salary increases and future pension increases. These assumptions may differ from actual results due to changing economic conditions, higher or lower departure rates or longer or shorter life spans of the participants. These differences may result in the variability of pension income or expenses recorded in future years. Actuarial gains and losses arising from experience adjustments and the effects of changes in actuarial assumptions are reflected in shareholders' equity.

The obligation recognized in the EBS (EUR 182 million) represents the present value of the defined benefit obligation (EUR 424 million) at the reporting date, less the market value of any plan assets (EUR 242 million), where appropriate, both adjusted for actuarial gains and losses and unrecognized past service costs.

The following table includes the allocation of plan assets as at December 31, 2017:

**SCOR Group**

| **As at December 31, 2017**<br>*In EUR thousands* | **Amount by class of assets** | **% by class of assets** |
|---|---|---|
| Equities | 79,436 | 33% |
| Debt securities | 119,081 | 49% |
| Property | 24,280 | 10% |
| Insurance contracts | 13,181 | 5% |
| Other | 6,448 | 3% |
| **TOTAL** | **242,426** | **100%** |

## COMPARISON WITH THE VALUATION IN THE FINANCIAL STATEMENTS

The valuation method applied to defined benefit pension plans in the EBS does not differ from IFRS.

For further details on IFRS balances and valuation methods applied to pension benefit obligations, please refer to the 2017 Registration Document, Section 4.6 – Notes to the consolidated financial statements, Note 14 – Employee benefits and other provisions.

## D.3.2. INSURANCE TECHNICAL LIABILITIES

**SCOR Group**

| | **As at December 31, 2017** | | |
|---|---|---|---|
| *In EUR thousands* | **EBS** | **Consolidated – IFRS** | **Difference** |
| Deposits from reinsurers | 671,983 | 674,292 | (2,309) |
| Insurance and intermediaries payables | 791,981 | 791,981 | - |
| Reinsurance payables | 45,652 | 242,556 | (196,904) |
| Other technical provisions | - | 75,747 | (75,747) |
| **TOTAL INSURANCE TECHNICAL LIABILITIES** | **1,509,616** | **1,784,576** | **(274,960)** |

## VALUATION FOR SOLVENCY PURPOSES

Insurance technical liabilities are balances that are related to the reinsurance and direct insurance contracts, other than technical provisions.

In the EBS, assumed and ceded technical provisions are recognized in line with Solvency II methodology (see Section D.2 – Technical provisions). The calculation of the Solvency II best estimate liabilities and risk margin takes into account all cash flow projections related to existing insurance and reinsurance contracts, including premium, benefit and expenses payments. As a result, some liability balances that exist in the IFRS balance sheet are either cancelled or adjusted on transition to the EBS.

### Deposits from reinsurers

Deposits from reinsurers are deposits received from or deducted by a reinsurer as collateral in relation to SCOR's outwards reinsurance (retrocession) contracts. SCOR measures its deposits from retrocessionaires (or ceded funds held) at fair value by discounting the future cash flows of the funds (further explained in Section D.2 – Technical provisions).

### Insurance, intermediaries and reinsurance payables

Most payables related to insurance and reinsurance contracts are taken into account in the net best estimate liabilities as Solvency II requires the transfer of future cash flows from (re)insurance receivables/payables to technical provisions.

The insurance and intermediaries payable balances included separately in the EBS represent amounts linked to insurance business due to policyholders, intermediaries and other insurers, but that are not included in the cash flows of technical provisions.

The reinsurance payables are amounts linked to retrocession costs which have been invoiced, but not yet settled and therefore cash flows are still due to the reinsurer or the broker.

The payables are carried at amortized cost as it is a good approximation of their market value.

### Other technical provisions

DAC assets are not recognized in the EBS (see D.1.5 – Insurance technical assets) and the same applies to the reinsurers' share of these costs as all acquisition costs and related reinsurance recoveries are covered in the calculation of net technical provisions. This non-recognition drives the decrease in other technical provisions as ceded DAC is included in the IFRS balance.

### COMPARISON WITH THE VALUATION IN THE FINANCIAL STATEMENTS

As explained above, technical cash flows that are taken into account in Solvency II net best estimate liabilities are not recognized separately in the EBS. Adjustments to the value of deposits from reinsurers follow the corresponding adjustments to reinsurance recoverables.

For the remaining insurance technical liabilities the valuation method applied in the Solvency II EBS does not differ from IFRS.

For further details on IFRS balances and valuation methods applied to insurance technical liabilities, please refer to the 2017 Registration Document, Section 4.6 – Notes to the consolidated financial statements, Note 8 – Accounts receivable from and payable on assumed and ceded insurance and reinsurance transactions and Note 15 – Net contract liabilities.

## D.3.3. DEFERRED TAX LIABILITIES

**SCOR Group**

| | As at December 31, 2017 | | |
|---|---|---|---|
| *In EUR thousands* | EBS | Consolidated – IFRS | Difference |
| **DEFERRED TAX LIABILITIES** | **560,395** | **285,741** | **274,654** |

### VALUATION FOR SOLVENCY PURPOSES AND COMPARISON WITH THE VALUATION IN THE FINANCIAL STATEMENTS

Deferred tax liabilities are recognized on taxable temporary differences arising from investments in subsidiaries, associates and joint ventures, except where it is probable that the difference will not reverse in the foreseeable future.

For further information on the valuation of deferred tax liabilities, see Section D.1.6 – Deferred tax assets.

## D.3.4. FINANCIAL LIABILITIES, INCLUDING SUBORDINATED LIABILITIES

**SCOR Group**

| | As at December 31, 2017 | | |
|---|---|---|---|
| *In EUR thousands* | EBS | Consolidated – IFRS | Difference |
| Derivatives | 27,962 | 27,962 | - |
| Debts owed to credit institutions | 487,200 | 487,200 | - |
| Financial liabilities other than debts owed to credit institutions | 254,684 | 254,684 | - |
| Subordinated liabilities | 2,227,080 | 2,210,632 | 16,448 |
| Subordinated liabilities in BOF | 2,227,080 | 2,210,632 | 16,448 |
| **TOTAL FINANCIAL LIABILITIES** | **2,996,926** | **2,980,478** | **16,448** |

### VALUATION FOR SOLVENCY PURPOSES

Financial liabilities in the EBS include derivatives, debts owed to credit institutions (incl. overdrafts) and other financial liabilities, as well as subordinated liabilities.

Derivative instruments are carried as liabilities when the economic values are negative. The Group uses the following derivative instruments to reduce its exposure to various risks: swaps on interest rates, mortality indices and real estate indices, foreign currency forward purchase and sale contracts, caps and floors, and puts and calls on insurance linked securities (ILS).

Subordinated liabilities are debts which rank after other debts when the company is liquidated. Those subordinated liabilities that are classified as basic own funds (BOF) are presented separately in the EBS.

The economic value of financial liabilities that are traded in active financial markets is determined by reference to quoted market bid prices, at the close of business on the reporting date. Quotations are considered as active market prices if the quoted prices or rates represent actual and regularly occurring transactions that are available from a stock exchange, dealer or broker.

Financial liabilities valued using quoted prices include derivatives. If quoted prices in active markets for identical liabilities are not available, the alternative valuation methods are used to arrive at market value.

All borrowings, except for subordinated debt, are measured at amortized cost using the effective interest rate method which approximates their fair value.

Some financial liabilities, in particular subordinated debts, are measured at fair value that is determined on the valuation date and then corrected to neutralize the impact of changes in the credit spread between the issue date and the valuation date of each instrument. The revised valuation is provided by a model which uses the initial credit spread. The valuation of quoted external debts is performed using a Bloomberg valuation tool for structured products which uses the initial credit spread and considers the term structure dynamics from available market data: (i) the yield curve and its volatility, (ii) adjusted option spreads and their volatility, and (iii) convexity adjustments.

### COMPARISON WITH THE VALUATION IN THE FINANCIAL STATEMENTS

Generally, the valuation method applied to financial liabilities in the Solvency II EBS does not differ from IFRS, except for the change from amortized cost to fair value for subordinated debt and the elimination of changes in the Group's own credit standing.

For further details on IFRS balances, classification and valuation methods applied to financial liabilities, please refer to the 2017 Registration Document, Section 4.6 – Notes to the consolidated financial statements, Note 13 – Financial liabilities.

## D.3.5. OTHER LIABILITIES

### SCOR Group

| | As at December 31, 2017 | | |
|---|---|---|---|
| *In EUR thousands* | EBS | Consolidated – IFRS | Difference |
| Provisions (other than technical) | 21,177 | 21,177 | - |
| Payables (trade, not insurance) | 2,509,384 | 2,509,384 | - |
| Any other liabilities | 232,518 | 232,518 | - |
| **TOTAL OTHER LIABILITIES** | **2,763,079** | **2,763,079** | **-** |

### VALUATION FOR SOLVENCY PURPOSES

This section covers all other liabilities recognized in the EBS, including provisions, trade payables and any other liabilities.

Trade payables include amounts due to employees, suppliers, and sovereign states (e.g. current tax) that are not insurance or reinsurance related.

Operating lease commitments exist primarily in the form of rental obligations for offices and business premises of the Group. They include extension options as well as restrictions regarding subleases. Any other liabilities primarily include accruals. Trade and other liabilities are carried at amortized cost as it is a good approximation of their market value.

Provisions are recognized when the Group has a present legal, contractual or constructive obligation as a result of past events, it is probable that an outflow of resources will be required to settle the obligation and a reliable estimate of the amount of the obligation can be made. Provisions related to pension benefits are presented separately (see D.3.1 Pension benefit obligations). Provisions are measured at the expected present value of future cash flows required to settle the obligation.

Contingent liabilities are also recognized if there is a possible future obligation as a result of a past event, or if there is a present obligation as a result of a past event but either a payment is not probable or the amount cannot be reliably estimated. As at December 31, 2017, SCOR had no material contingent liabilities that could be recognized in the EBS.

Management assesses provisions, contingent assets and contingent liabilities and the likely outcome of pending or probable events, for example from lawsuits or tax disputes, on an ongoing basis. The outcome depends on future events that are by nature uncertain. In assessing the likely outcome of events, management bases its assessment on external legal assistance and established precedents.

### COMPARISON WITH THE VALUATION IN THE FINANCIAL STATEMENTS

Provisions and other liabilities are carried at their fair value for IFRS and there is no valuation difference between the IFRS financial statements and the EBS.

For further details on IFRS balances and valuation methods applied to other liabilities, please refer to the 2017 Registration Document, Section 4.6 – Notes to the consolidated financial statements, Note 14 – Employee benefits and other provisions. Note 14 provides information about the nature of the provisions, expected timing of any outflows of economic benefits and on uncertainties surrounding the amount or timing of the outflows.

## D.3.6. SCOR SE – ADDITIONAL INFORMATION ON THE VALUATION OF OTHER LIABILITIES

The table below presents the liabilities of SCOR SE as per the EBS together with references to the relevant sections within this chapter explaining the valuation bases and methods used for Solvency II purposes.

The valuation principles applied by SCOR SE in its EBS are the same as those applied by SCOR Group and explained in Sections D.3.1 – Pension benefit obligations to D.3.5 – Other liabilities above. Any additional information on other liabilities specific to SCOR SE is included in the relevant sub-sections below. For details on technical provisions see Sections D.2.1 – Non-Life technical provisions, D.2.2 – Life technical provisions and D.2.3 – SCOR SE – Additional information on the valuation of technical provisions.

### SCOR SE

| **Liabilities as at December 31, 2017**<br>*In EUR thousands* | **EBS Solvency II** | **Sections** | |
|---|---|---|---|
| Technical provisions – Non-Life | 1,780,413 | D.2.1 | D.2.3 |
| Technical provisions – Life (excl. index-linked and unit-linked) | 1,717,265 | D.2.2 | D.2.3 |
| Provisions other than technical provisions | 3,929 | D.3.5 | D.3.6.4 |
| Pension benefit obligations | 81,657 | D.3.1 | D.3.6.1 |
| Deposits from reinsurers | 434,005 | D.3.2 | D.3.6.2 |
| Deferred tax liabilities | 144,027 | D.3.3 | D.3.6.3 |
| Derivatives | 8,022 | D.3.4 | D.3.6.4 |
| Debts owed to credit institutions | 15,746 | D.3.4 | D.3.6.4 |
| Financial liabilities other than debts owed to credit institutions | 11,111 | D.3.4 | D.3.6.4 |
| Insurance and intermediaries payables | 189,576 | D.3.2 | D.3.6.2 |
| Reinsurance payables | (14,781) | D.3.2 | D.3.6.2 |
| Payables (trade, not insurance) | 74,315 | D.3.5 | D.3.6.4 |
| Subordinated liabilities | 2,227,080 | D.3.4 | D.3.6.4 |
| Subordinated liabilities not in in basic own funds | - | | |
| Subordinated liabilities in basic own funds | 2,227,080 | | |
| Any other liabilities, not elsewhere shown | 57,727 | D.3.5 | D.3.6.4 |
| **TOTAL LIABILITIES** | **6,730,092** | | |

### D.3.6.1. PENSION BENEFIT OBLIGATIONS

Pension benefit obligations are split between retirement provisions (EUR 36 million), supplementary retirement benefits (EUR 46 million).

SCOR SE provides retirement benefits to its employees, in accordance with the laws and practices of each country. The main plans are in France, the UK and Germany.

The valuation method applied to defined benefit pension schemes in the EBS (see Section D.3.1 – Pension benefit obligations) does not differ from that used in the statutory financial statements. Defined benefit obligations and contributions are calculated annually by independent qualified actuaries using the projected unit credit method, taking into consideration actuarial assumptions, salary increases, retirement age, mortality, turnover and discount rates. The assumptions are based on the macroeconomic environment of each country in which SCOR SE operates.

The obligation recognized in the EBS (EUR 82 million) represents the present value of the defined benefit obligation (EUR 105 million) at the reporting date, less the market value of any plan assets (EUR 23 million), where appropriate, both adjusted for actuarial gains and losses and unrecognized past service costs.

The following table includes the allocation of plan assets as at December 31, 2017:

**SCOR SE**

| **As at December 31, 2017** *In EUR thousands* | **Amount by class of assets** | **% by class of assets** |
|---|---|---|
| Equities | 13,463 | 59% |
| Debt securities | 3,282 | 14% |
| Insurance contracts | 5,987 | 26% |
| Other | 231 | 1% |
| **TOTAL** | **22,963** | **100%** |

For further details on French GAAP balances and valuation methods applied to pension benefits, please refer to the 2017 Registration Document, Appendix C – 5. Notes to the corporate financial statements, Section 5.1.5 – Retirement commitments and similar benefits, for accounting principles and methods and Section 5.2.6 – Contingency reserves, for other disclosures.

### D.3.6.2. INSURANCE TECHNICAL LIABILITIES

**SCOR SE**

| | **As at December 31, 2017** | | |
|---|---|---|---|
| *In EUR thousands* | **EBS** | **Statutory French GAAP** | **Difference** |
| Deposits from reinsurers | 434,005 | 435,615 | (1,610) |
| Insurance and intermediaries payables | 189,576 | 177,203 | 12,373 |
| Reinsurance payables | (14,781) | 164,052 | (178,833) |
| Other technical provisions | - | 71,224 | (71,224) |
| **TOTAL INSURANCE TECHNICAL LIABILITIES** | **608,800** | **848,094** | **(239,294)** |

Insurance technical liabilities are balances that relate to reinsurance and retrocession contracts.

As explained in Section D.3.2 – Insurance technical liabilities, technical cash flows are taken into account in Solvency II best estimate liabilities. As a result, ceded deferred acquisition costs (shown in Other technical provisions in the above table) are included in the projected cash flow used for the calculation of technical provisions in the EBS while they are included in other technical provisions in the financial statements. Adjustments to the value of deposits from cedents and reinsurers follow the corresponding adjustments to the best estimate liabilities. For the remaining insurance technical liabilities, the method of valuation applied in the Solvency II EBS does not differ from the statutory financial statements.

For further details on French GAAP balances and valuation methods applied to insurance technical liabilities, please refer to the 2017 Registration Document, Appendix C – 5. Notes to the corporate financial statements, Sections 5.1.7 – Recording of reinsurance transactions, 5.1.8 – Underwriting reserves and 5.1.9 – Acquisition costs of reinsurance operations, for accounting principles and methods and Section 5.2.9 – Transactions with subsidiaries, affiliates and others, for other disclosures.

### D.3.6.3. DEFERRED TAX LIABILITIES

#### SCOR SE

| | As at December 31, 2017 | | |
|---|---|---|---|
| *In EUR thousands* | EBS | Statutory French GAAP | Difference |
| Deferred tax liabilities | 144,027 | - | 144,027 |

Deferred taxes in the EBS are recognized using the balance sheet liability method, for all temporary differences at the balance sheet date between the tax base of assets and liabilities and their carrying value in the EBS.

No deferred tax is recognized under French GAAP, therefore the difference between the EBS and the statutory financial statements is driven by the recognition of deferred tax assets and liabilities in line with Solvency II rules as described in Sections D.3.3 – Deferred tax liabilities and D.1.6 – Deferred tax assets.

### D.3.6.4. FINANCIAL AND OTHER LIABILITIES

#### SCOR SE

| | As at December 31, 2017 | | |
|---|---|---|---|
| *In EUR thousands* | EBS | Statutory French GAAP | Difference |
| Provisions other than technical provisions | 3,929 | 82,612 | (78,683) |
| Derivatives | 8,022 | 15,917 | (7,895) |
| Debts owed to credit institutions | 15,746 | 15,746 | - |
| Financial liabilities other than debts owed to credit institutions | 11,111 | 11,111 | - |
| Payables (trade, not insurance) | 74,315 | 53,805 | 20,510 |
| Subordinated liabilities | 2,227,080 | 2,210,633 | 16,447 |
| Any other liabilities, not elsewhere shown | 57,727 | 79,427 | (21,700) |
| **TOTAL FINANCIAL AND OTHER LIABILITIES** | **2,397,930** | **2,469,251** | **(71,321)** |

#### Financial liabilities

The EBS valuation of quoted external debts and internal loans between SCOR entities that mirror external debt terms and conditions is performed using a Bloomberg valuation tool for structured products which uses the initial credit spread and considers the term structure dynamics from available market data: (i) the yield curve and its volatility, (ii) adjusted option spreads and their volatility, and (iii) convexity adjustments.

As the Bloomberg tool is only available for quoted instruments, for other internal loans, SCOR uses a simple cash flow modeling approach that discounts future cash flows using the swap rate yield curve as at December 31, 2017 plus the frozen credit spread at issuance. This cash flow valuation approach has been validated for external debt instruments by benchmarking it with the valuation performed using the Bloomberg model, leading to non-material differences.

Financial liabilities, including derivatives, intragroup and external debts, are measured at cost less amortized issue costs under French GAAP. The difference between the value of financial liabilities in the EBS and in the statutory financial statements is therefore driven by the revaluation to market value.

For further details on French GAAP balances and valuation methods applied to financial liabilities, please refer to the 2017 Registration Document, Appendix C – 5. Notes to the corporate financial statements, Section 5.1.6 – Financial liabilities, for accounting principles and methods and Section 5.2.9 – Transactions with subsidiaries, affiliates and others, for other disclosures.

#### Other liabilities

Other liabilities are generally carried at amortized cost as it is a good approximation of their market value.

While provisions for ongoing tax audits include the expected impact on deferred tax assets under IFRS, provisions for ongoing tax audits under French GAAP encompass current income tax impacts only, since no deferred tax assets are recognized under French GAAP (see section D.3.5 – Other liabilities).

For further details on French GAAP balances and valuation methods applied to other liabilities, please refer to the 2017 Registration Document, Appendix C – 5. Notes to the corporate financial statements, Section 5.2.9 – Transactions with subsidiaries, affiliates and others.

## D.3.7. SGP&C SE – ADDITIONAL INFORMATION ON THE VALUATION OF OTHER LIABILITIES

The table below presents the liabilities of SGP&C SE as per the EBS together with references to the relevant sections within this chapter explaining the valuation bases and methods used for Solvency II purposes.

The valuation principles applied by SGP&C SE in its EBS are the same as those applied by SCOR Group and explained in Sections D.3.1 – Pension benefit obligations to D.3.5 – Other liabilities above. Any additional information on other liabilities specific to SGP&C SE is included in the relevant sub-sections below. For details on technical provisions, see Sections D.2.1 – Non-Life technical provisions and D.2.4 – SGP&C SE – Additional information on the valuation of technical provisions.

### SGP&C SE

| **Liabilities as at December 31, 2017**<br>*In EUR thousands* | **EBS Solvency II** | **Sections** | |
|---|---|---|---|
| Technical provisions – Non-Life | 6,464,617 | D.2.1 | D.2.4 |
| Provisions other than technical provisions | 9,722 | D.3.5 | D.3.7.4 |
| Pension benefit obligations | 11,687 | D.3.1 | D.3.7.1 |
| Deposits from reinsurers | 190,270 | D.3.2 | D.3.7.2 |
| Deferred tax liabilities | 18,699 | D.3.3 | D.3.7.3 |
| Derivatives | 8,248 | D.3.4 | D.3.7.4 |
| Debts owed to credit institutions | 1 | D.3.4 | D.3.7.4 |
| Financial liabilities other than debts owed to credit institutions | 197,065 | D.3.4 | D.3.7.4 |
| Insurance and intermediaries payables | 154,187 | D.3.2 | D.3.7.2 |
| Reinsurance payables | 49,542 | D.3.2 | D.3.7.2 |
| Payables (trade, not insurance) | 46,099 | D.3.5 | D.3.7.4 |
| Subordinated liabilities | 623,282 | D.3.4 | D.3.7.4 |
| Subordinated liabilities not in basic own funds | 170,463 | | |
| Subordinated liabilities in basic own funds | 452,819 | | |
| Any other liabilities, not elsewhere shown | 81,292 | D.3.5 | D.3.7.4 |
| **TOTAL LIABILITIES** | **7,854,711** | | |

### D.3.7.1. PENSION BENEFIT OBLIGATIONS

The valuation method applied to defined benefit pension plans in the EBS (see Section D.3.1 – Pension benefit obligations) does not differ from that used in 2017 Financial statements.

For further details on French GAAP balances and valuation methods applied to pension benefits, please refer to the following notes to the 2017 Financial statements of SGP&C SE: for accounting principles and methods – Note 5.1.5 – Retirement commitments and similar benefits and for other disclosures, Note 5.2.6 – Contingency reserves.

### D.3.7.2. INSURANCE TECHNICAL LIABILITIES

#### SGP&C SE

| *In EUR thousands* | As at December 31, 2017 EBS | Statutory French GAAP | Difference |
|---|---|---|---|
| Deposits from reinsurers | 190,270 | 190,270 | - |
| Insurance and intermediaries payables | 154,187 | 154,183 | 4 |
| Reinsurance payables | 49,542 | 841,148 | (791,606) |
| Other technical provisions | - | 86,601 | (86,601) |
| **TOTAL INSURANCE TECHNICAL LIABILITIES** | **393,999** | **1,272,202** | **(878,203)** |

Insurance technical liabilities are balances that relate to reinsurance and retrocession contracts.

As explained in Section D.3.2 – Insurance technical liabilities, technical cash flows are taken into account in Solvency II best estimate liabilities. As a result, ceded deferred acquisition costs (shown in Other technical provisions in the above table) are included in the projected cash flow used for the calculation of technical provisions in the EBS while they are included in other technical provisions in the financial statements. Adjustments to the value of deposits from cedents and reinsurers follow the corresponding adjustments to the best estimate liabilities. For the remaining insurance technical liabilities, the method of valuation applied in the Solvency II EBS does not differ from the statutory financial statements.

For further details on French GAAP balances and valuation methods applied to insurance technical liabilities, please refer to the following notes to the 2017 Financial statements of SGP&C SE: for accounting principles and methods, Note 5.1.7 – Recording of reinsurance transactions, Note 5.1.8 – Underwriting reserves and Note 5.1.9 – Acquisition costs of reinsurance transactions and for other disclosures, Note 5.2.9 – Transactions with subsidiaries, affiliates and others.

### D.3.7.3. DEFERRED TAX LIABILITIES

Deferred taxes in the EBS are recognized using the balance sheet liability method, for all temporary differences at the balance sheet date between the tax base of assets and liabilities and their carrying value in the EBS.

No deferred tax is recognized under French GAAP, therefore the difference between the EBS and the statutory financial statements is mainly due to the recognition of deferred tax assets and liabilities in line with Solvency II rules as described in Sections D.3.3 – Deferred tax liabilities and D.1.6 – Deferred tax assets.

### D.3.7.4. FINANCIAL AND OTHER LIABILITIES

#### SGP&C SE

| *In EUR thousands* | As at December 31, 2017 EBS | Statutory French GAAP | Difference |
|---|---|---|---|
| Provisions other than technical provisions | 9,722 | 9,695 | 27 |
| Derivatives | 8,248 | 8,248 | - |
| Financial liabilities other than debts owed to credit institutions | 197,065 | 68,627 | 128,438 |
| Payables (trade, not insurance) | 46,099 | 99,417 | (53,318) |
| Subordinated liabilities | 623,282 | 601,049 | 22,233 |
| Any other liabilities, not elsewhere shown | 81,292 | 33,781 | 47,511 |
| **TOTAL FINANCIAL AND OTHER LIABILITIES** | **965,708** | **820,817** | **144,891** |

### Financial liabilities

The EBS valuation of quoted external debt and internal loans between SCOR entities that mirror external debt terms and conditions is performed using a Bloomberg valuation tool for structured products which uses the initial credit spread and considers the term structure dynamics from available market data: (i) the yield curve and its volatility, (ii) adjusted option spreads and their volatility, and (iii) convexity adjustments.

As the Bloomberg tool is only available for quoted instruments, for other internal loans, SCOR uses a simple cash flow modeling approach that discounts future cash flow using the swap rate yield curve as at December 31, 2017 plus the frozen credit spread at issuance. This cash flow valuation approach has been validated for external debt instruments by benchmarking it, with the valuation performed using the Bloomberg model, leading to non-material differences.

Financial liabilities, including derivatives, intragroup and external debts, are measured at cost less amortized issue costs under French GAAP. The difference between the value of financial liabilities in the EBS and in the statutory financial statements is therefore driven by the revaluation to market value.

For further details on French GAAP balances and valuation methods applied to financial liabilities, please refer to the following notes to the 2017 Financial statements of SGP&C SE: for accounting principles and methods – Note 5.1.6 – Financial borrowings and for other disclosures – Note 5.2.9 – Transactions with subsidiaries, affiliates and others.

### Other liabilities

Other liabilities are generally carried at amortized cost as it is a good approximation of their market value.

For further details on French GAAP balances and valuation methods applied to other liabilities, please refer to the following notes to the 2017 Financial statements of SGP&C SE: Note 5.1.6 – Financial borrowings.

## D.3.8. SGL SE – ADDITIONAL INFORMATION ON THE VALUATION OF OTHER LIABILITIES

The table below presents the liabilities of SGL SE as per the EBS together with references to the relevant sections within this chapter explaining the valuation bases and methods used for Solvency II purposes.

The valuation principles applied by SGL SE in its EBS are the same as those applied by SCOR Group and explained in Sections D.3.1 – Pension benefit obligations to D.3.5 – Other liabilities above. Any additional information on other liabilities specific to SGL SE is included in the relevant sub-sections below. For details on technical provisions see Sections D.2.2 – Life technical provisions and D.2.5 – SGL SE – additional information on the valuation of technical provisions.

### SGL SE

| **Liabilities as at December 31, 2017**<br>*In EUR thousands* | **EBS Solvency II** | **Sections** | |
|---|---|---|---|
| Technical provisions – Life (excl. index-linked and unit-linked) | 6,876,895 | D.2.2 | D.2.5 |
| Technical provisions – Health (similar to Life) | 2,901,897 | | |
| Technical provisions – Life (excl. Health and index-linked and unit-linked) | 3,974,998 | | |
| Provisions other than technical provisions | 283 | D.3.5 | D.3.8.4 |
| Pension benefit obligations | 16,966 | D.3.1 | D.3.8.1 |
| Deposits from reinsurers | 2,080,424 | D.3.2 | D.3.8.2 |
| Deferred tax liabilities | 149,644 | D.3.3 | D.3.8.3 |
| Derivatives | 4,452 | D.3.4 | D.3.8.4 |
| Financial liabilities other than debts owed to credit institutions | 168,289 | D.3.4 | D.3.8.4 |
| Insurance and intermediaries payables | 162,890 | D.3.2 | D.3.8.2 |
| Reinsurance payables | (16,613) | D.3.2 | D.3.8.2 |
| Payables (trade, not insurance) | 82,408 | D.3.5 | D.3.8.4 |
| Subordinated liabilities | 996,992 | D.3.4 | D.3.8.4 |
| Subordinated liabilities in basic own funds | 996,992 | | |
| Any other liabilities, not elsewhere shown | 25,757 | D.3.5 | D.3.8.4 |
| **TOTAL LIABILITIES** | **10,548,387** | | |

### D.3.8.1. PENSION BENEFIT OBLIGATIONS

The valuation method applied to defined benefit pension plans in the EBS does not differ from that used in the statutory financial statements. See Section D.3.1 – Pension benefit obligations for further details.

For further details on French GAAP balances and valuation methods applied to pension benefit obligations, please refer to the following notes to the 2017 Financial statements of SGL SE: for accounting principles and methods – Note 5.1.5 – Retirement commitments and similar benefits and for other disclosures – Note 5.2.6 – Contingency Reserves.

### D.3.8.2. INSURANCE TECHNICAL LIABILITIES

#### SGL SE

| | As at December 31, 2017 | | |
|---|---|---|---|
| *In EUR thousands* | EBS | Statutory French GAAP | Difference |
| Deposits from reinsurers | 2,080,424 | 2,024,476 | 55,948 |
| Insurance and intermediaries payables | 162,890 | 163,523 | (633) |
| Reinsurance payables | (16,613) | (16,474) | (139) |
| **TOTAL INSURANCE TECHNICAL LIABILITIES** | **2,226,701** | **2,171,525** | **55,176** |

Insurance technical liabilities relate to reinsurance and retrocession contracts.

As explained in Section D.3.2 – Insurance technical liabilities, technical cash flows are taken into account in Solvency II best estimate liabilities. As a result, ceded deferred acquisition costs are included in the projected cash flow used for the calculation of technical provisions in the EBS while they are included in other technical provisions in the financial statements. Adjustments to the value of deposits from cedents and reinsurers follow the corresponding adjustments to the best estimate liabilities. For the remaining insurance technical liabilities the method of valuation applied in the Solvency II EBS does not differ materially from the statutory financial statements.

For further details on French GAAP balances and valuation methods applied to insurance technical liabilities, please refer to the following notes to the 2017 Financial statements of SGL SE: for accounting principles and methods – Note 5.1.8 – Recording reinsurance transactions, Note 5.1.9 – Underwriting reserves and Note 5.1.10 – Acquisition costs of reinsurance transactions and for other disclosures – Note 5.2.9 – Transactions with subsidiaries, affiliates and others.

### D.3.8.3. DEFERRED TAX LIABILITIES

#### SGL SE

| | As at December 31, 2017 | | |
|---|---|---|---|
| *In EUR thousands* | EBS | Statutory French GAAP | Difference |
| Deferred tax liabilities | 149,644 | - | 149,644 |

Deferred taxes in the EBS are recognized using the balance sheet liability method for all temporary differences at the balance sheet date between the tax base of assets and liabilities and their carrying value in the EBS.

No deferred tax is recognized under French GAAP, therefore the difference between the EBS and the statutory financial statements is driven by the recognition of deferred tax assets and liabilities in line with Solvency II rules as described in Sections D.3.3 – Deferred tax liabilities and D.1.6 – Deferred tax assets.

## D.3.8.4. FINANCIAL AND OTHER LIABILITIES

### SGL SE

| In EUR thousands | As at December 31, 2017 EBS | Statutory French GAAP | Difference |
|---|---|---|---|
| Provisions other than technical provisions | 283 | 283 | - |
| Derivatives | 4,452 | 4,452 | - |
| Financial liabilities | 168,289 | 165,829 | 2,460 |
| Payables (trade, not insurance) | 82,408 | 86,181 | (3,773) |
| Subordinated liabilities | 996,992 | 973,828 | 23,164 |
| Any other liabilities, not elsewhere shown | 25,757 | 18,526 | 7,231 |
| **TOTAL FINANCIAL AND OTHER LIABILITIES** | **1,278,178** | **1,249,099** | **29,079** |

### Financial liabilities

The EBS valuation of quoted external debts and internal loans between SCOR entities that mirror external debt terms and conditions is performed using a Bloomberg valuation tool for structured products which uses the initial credit spread and considers the term structure dynamics from available market data: (i) the yield curve and its volatility, (ii) adjusted option spreads and their volatility, and (iii) convexity adjustments.

As the Bloomberg tool is only available for quoted instruments, for other internal loans, SCOR uses a simple cash flow modeling approach that discounts future cash flow using the swap rate yield curve as at December 31, 2017 plus the frozen credit spread at issuance. This cash flow valuation approach has been validated for external debt instruments by benchmarking it with the valuation performed using the Bloomberg model, leading to non-material differences.

Financial liabilities, including derivatives, intragroup and external debts, are measured at cost less amortized issue costs under French GAAP. The difference between the value of financial liabilities in the EBS and in the statutory financial statements is therefore driven by the revaluation to market value.

For further details on French GAAP balances and valuation methods applied to financial liabilities, please refer to the following notes to the 2017 Financial statements of SGL SE: for accounting principles and methods – Note 5.1.6 – Financial liabilities and for other disclosures – Note 5.2.9 – Transactions with subsidiaries, affiliates and others.

### Other liabilities

Other liabilities are generally carried at amortized cost as it is a good approximation of their market value.

While provisions for ongoing tax audits include the expected impact on deferred tax assets under IFRS, provisions for ongoing tax audits under French GAAP encompass current income tax impacts only, since no deferred tax assets are recognized under French GAAP.

For further details on French GAAP balances and valuation methods applied to other liabilities please refer to the following notes to the 2017 Financial statements of SGL SE: for accounting principles and methods – Note 5.1 – Accounting policies and for other disclosures – Note 5.2.6 – Contingency reserves.

# D.4. ALTERNATIVE METHODS FOR VALUATION

As noted in Sections D.1 – Assets and D.3 – Other liabilities, in certain circumstances for some assets and liabilities, SCOR uses alternative valuation methods (including models) to estimate the market value. These methods are applied where the valuation is not possible using the default method (valuation based on quoted prices in active markets for the same assets or liabilities) or using quoted market prices in active markets for similar assets and liabilities with adjustments to allow for specific differences. All valuation methodologies applied by SCOR are explained within the relevant sections: in Sections D.1 for assets, D.2 for technical provisions and D.3 for other liabilities.

## D.4.1. SCOR GROUP

Please see Sections D.1 – Assets and D.3 – Other liabilities for information on the alternative valuation methods used by SCOR Group.

## D.4.2. SCOR SE – ADDITIONAL INFORMATION ON ALTERNATIVE METHODS OF VALUATION

Please see Sections D.1.10 – Additional information on the valuation of assets and D.3.6 – Additional information on the valuation of other liabilities for information on the alternative valuation methods used by SCOR SE.

## D.4.3. SGP&C SE – ADDITIONAL INFORMATION ON ALTERNATIVE METHODS OF VALUATION

Please see Sections D.1.11 – Additional information on the valuation of assets and D.3.7 – Additional information on the valuation of other liabilities for information on the alternative valuation methods used by SGP&C SE.

## D.4.4. SGL SE – ADDITIONAL INFORMATION ON ALTERNATIVE METHODS OF VALUATION

Please see Sections D.1.12 – Additional information on the valuation of assets and D.3.8 – Additional information on the valuation of other liabilities for information on the alternative valuation methods used by SGL SE.

## D.5. ANY OTHER INFORMATION

No other material information was identified by SCOR over the reporting period other than the valuation of assets and liabilities presented in Sections D.1 – Assets to D.4 – Alternative methods for valuation.

# E

# CAPITAL MANAGEMENT

# E.1. SCOR GROUP

This section gives an overview of the year-end 2017 capital position for SCOR Group.

The following table shows the key results as at December 31, 2017 and December 31, 2016, respectively.

**SCOR Group**

| *In EUR thousands* | 2017 | 2016 | Variance |
|---|---|---|---|
| Eligible Own Funds (EOF) | 9,184,471 | 10,128,867 | (944,396) |
| Solvency Capital Requirement (SCR) Internal Model | 4,316,980 | 4,495,554 | (178,574) |
| **Excess Capital (EOF – SCR)** | **4,867,491** | **5,633,313** | **(765,822)** |
| **SOLVENCY RATIO** | **213%** | **225%** | **(12%)** |

The Solvency ratio decreased from 225% at year-end 2016 to 213% at year-end 2017. This decrease of 12% in the solvency ratio is the combined effect of lower eligible own funds ((9)% compared to December 31, 2016) and a lower SCR ((4%) compared to December 31, 2016). Further details on the contributors to these changes are given in section E.1.1.1 – Own funds structure and E.1.2.1 – SCR by risk components below.

## E.1.1. OWN FUNDS

Capital management is at the core of SCOR's strategy. SCOR's goal is to manage its capital in order to maximize its profitability, while maintaining solvency in its "optimal" target range, being between 185% and 220% in line with its risk/return strategy as defined in SCOR's strategic plan "Vision in Action".

SCOR has had strong capital management governance and processes in place with integrated supervision of regulatory constraints at Group level for many years, ensuring an optimized use of capital and fungibility of capital within the Group. On a quarterly basis, SCOR monitors and updates all Group and legal entity capital and regulatory solvency positions (actuals and one-year projections) to detect any material changes over each quarter and to anticipate necessary actions to maintain adequate solvency. This detailed capital planning exercise is based on the Group's bi-annual financial operating plan and is broken down at legal entity level. SCOR also performed three-year capital projections, including IFRS, regulatory capital, and rating capital projections, in the context of its three-year strategic planning exercise.

For more information on own funds please also refer to Quantitative Reporting Template S.23.01.22 – Own funds, presented in Appendix A.

### E.1.1.1. OWN FUNDS STRUCTURE

SCOR Group own funds eligible to cover the SCR amounted to EUR 9,184 million as at December 31, 2017.

#### SCOR Group own funds

| | As at December 31, 2017 | | | |
|---|---|---|---|---|
| *In EUR thousands* | Tier 1 | Tier 2 | Tier 3 | Total |
| **Basic own funds** | **7,819,321** | **1,365,150** | **-** | **9,184,471** |
| Ordinary share capital | 1,524,197 | - | - | 1,524,197 |
| Share premium | 838,515 | - | - | 838,515 |
| Reconciliation reserve[1] | 4,594,679 | - | - | 4,594,679 |
| Revaluation reserves | 1,244,587 | - | - | 1,244,587 |
| Consolidation reserves | 3,510,549 | - | - | 3,510,549 |
| Net income for the year | 282,868 | - | - | 282,868 |
| Equity based instruments | 61,488 | - | - | 61,488 |
| Own shares | (196,813) | - | - | (196,813) |
| Foreseeable dividends | (308,000) | - | - | (308,000) |
| Subordinated liabilities | 861,930 | 1,365,150 | - | 2,227,080 |
| **Total available own funds** | **7,819,321** | **1,365,150** | **-** | **9,184,471** |
| **Total eligible own funds to cover the Group SCR (after limits deductions)** | **7,819,321** | **1,365,150** | **-** | **9,184,471** |
| **Total eligible own funds to cover the minimum to the Group SCR** | **7,819,321** | **644,995** | **-** | **8,464,316** |

*(1) Includes a deduction of non-available minority interest of EUR 30 million.*

#### SCOR Group own funds

| | As at December 31, 2016 | | | |
|---|---|---|---|---|
| *In EUR thousands* | Tier 1 | Tier 2 | Tier 3 | Total |
| **Basic own funds** | **8,747,451** | **1,381,416** | **-** | **10,128,867** |
| Ordinary share capital | 1,516,589 | - | - | 1,516,589 |
| Share premium | 832,712 | - | - | 832,712 |
| Reconciliation reserve[1] | 5,478,003 | - | - | 5,478,003 |
| Revaluation reserves | 1,634,127 | - | - | 1,634,127 |
| Consolidation reserves | 3,761,922 | - | - | 3,761,922 |
| Net income for the year | 602,563 | - | - | 602,563 |
| Equity based instruments | 37,305 | - | - | 37,305 |
| Own shares | (252,117) | - | - | (252,117) |
| Foreseeable dividends | (305,797) | - | - | (305,797) |
| Subordinated liabilities | 920,147 | 1,381,416 | - | 2,301,563 |
| **Total available own funds** | **8,747,451** | **1,381,416** | **-** | **10,128,867** |
| **Total eligible own funds to cover the Group SCR (after limits deductions)** | **8,747,451** | **1,381,416** | **-** | **10,128,867** |
| **Total eligible own funds to cover the minimum to the Group SCR** | **8,747,451** | **720,153** | **-** | **9,467,604** |

*(1) Includes a deduction of non-available minority interest of EUR 34 million.*

SCOR Group considers that there is no significant restriction affecting fungibility and transferability of its basic own funds for covering the Group SCR.

Solvency II own funds are classified into three tiers depending on whether it is a basic or ancillary own funds item, and on whether it is permanently available to absorb losses on a going concern basis and/or is subordinated such that it is available to absorb losses in the event of a winding-up, and as described in Articles 71, 73, 75 and 77 of the Delegated Acts.

The table above presents the components of basic own funds. SCOR Group does not recognize any ancillary own funds.

Ordinary paid-in share capital and the related share premium of SCOR SE are classified as tier 1 basic own funds. The components of the reconciliation reserve are also classified as tier 1 basic own funds.

The reconciliation reserves include revaluation reserves from IFRS consolidated financial statements for the SCOR Group, net of any adjustments, and the economic valuation differences. The reserves are adjusted for foreseeable dividends and own shares. The economic valuation differences result from adjustments made to the Group IFRS balance sheet to arrive at economic value of all assets and liabilities recognized in the Solvency II EBS. The foreseeable 2017 dividend is based on the proposed dividend level to be made by the board of SCOR SE to the general assembly of EUR 1.65 per share (total of EUR 308 million). The dividend paid in 2017 was EUR 1.65 per share (EUR 306 million).

Total eligible own funds as at December 31, 2017 (EUR 9,184 million) decreased by EUR 945 million compared to the balance as at December 31, 2016 (EUR 10,129 million).The main changes in the composition of Group own funds during 2017 relate to reductions in the revaluation reserves (EUR 390 million), a lower net income for the year (EUR 320 million) and a reduction in consolidation reserves (EUR 251 million).The main contributor to the lower net income for 2017 was the exceptional series of large natural catastrophes which occurred during the second half of the year. The reduction in the revaluation reserves is mainly due to the change in best estimate liabilities, partially offset by a positive impact from the risk margin and deferred tax assets. The key drivers for the reduction in consolidation reserves were the fluctuations of foreign exchange rates and the allocation of prior year's net income minus dividends paid.

On July 26, 2017, SCOR launched a share buy-back program commencing on July 27, 2017, for an amount of up to EUR 200 million, expiring mid-2019, subject to market conditions. For more information on the share buy-back program, see DDR Section 4.6 – Notes to the consolidated financial statements, Note 12 – Information on share capital, capital management, regulatory framework and consolidated reserves. As at December 31, 2017, SCOR purchased 172,742 shares for an aggregated amount of EUR 5.9 million with the intention to cancel these shares. These treasury shares are deducted from own funds.

The consolidation reserves correspond to the consolidated reserves as reported in the IFRS consolidated financial statements for SCOR Group.

Subordinated liabilities represent debts issued by SCOR Group that meet the own funds recognition criteria. Subordinated liabilities are classified into tiers based on terms and conditions as specified in each debt instrument's prospectus. All four subordinated debts of SCOR SE, issued in 2014 and earlier, could be used to meet up to 50% of the solvency margin under Solvency I rules. Therefore, they can be classified as tier 1 capital under Solvency II until 2025. Subordinated debts issued in 2015 and 2016 meet Solvency II tier 2 criteria as defined by Article 73 of the Delegated Acts.

The table below presents the subordinated debt issued and included in basic own funds.

### SCOR Group

| As at December 31, 2017 *In thousands* | Outstanding amount in local currency | Issue date | Maturity date | Tier | Optional redemption | |
|---|---|---|---|---|---|---|
| | | | | | First call date | Call dates thereafter(2) |
| CHF 315 million Perpetual Subordinated Debt | 315,000 | 10/08/2012 | Perpetuity | 1(1) | 06/08/2018 | Quarterly |
| CHF 250 million Perpetual Subordinated Debt | 250,000 | 09/30/2013 | Perpetuity | 1(1) | 11/30/2018 | Quarterly |
| CHF 125 million Perpetual Subordinated Debt | 125,000 | 10/20/2014 | Perpetuity | 1(1) | 10/20/2020 | Yearly |
| EUR 250 million Perpetual Subordinated Debt | 250,000 | 10/01/2014 | Perpetuity | 1(1) | 10/01/2025 | Yearly |
| EUR 250 million Dated Subordinated Debt | 250,000 | 06/05/2015 | 06/05/2047 | 2 | 06/05/2027 | Yearly |
| EUR 600 million Dated Subordinated Debt | 600,000 | 12/07/2015 | 06/08/2046 | 2 | 06/08/2026 | Yearly |
| EUR 500 million Dated Subordinated Debt | 500,000 | 05/27/2016 | 05/27/2048 | 2 | 05/27/2028 | Yearly |

*(1) Benefiting from transitional measures for Tiering of Subordinated liabilities until 2025.*
*(2) At any interest payment date.*

On March 6, 2018, SCOR SE issued perpetual deeply subordinated notes in the amount of USD 625 million eligible as Tier 1 own funds. In 2018 SCOR SE has two outstanding undated subordinated note lines (CHF 315 million and CHF 250 million) that will be callable in June 2018 and November 2018 respectively. It is SCOR's current intention, subject to market conditions, to use the proceeds of the newly issued debt to redeem these two CHF lines.

### E.1.1.2. ELIGIBILITY OF OWN FUNDS

For the purposes of compliance with the SCR, tier 1 capital must account for at least half of the required capital (50% of the SCR), the sum of eligible tier 2 and tier 3 capital must account for a maximum of 50% of the SCR, and eligible amount of tier 3 capital must account for less than 15% of the SCR.

Within those limits, the total of subordinated liabilities (with or without benefiting from the transitional measures) eligible as tier 1 capital must be less than 20% of total tier 1 capital.

The application of the above limits determines SCOR Group's eligible own funds. As at December 31, 2017, none of these limits are exceeded by the SCOR Group.

### E.1.1.3. RECONCILIATION WITH SHAREHOLDERS' EQUITY

The table below presents the differences between SCOR's consolidated shareholders' equity presented in accordance with IFRS and the net assets over liabilities as calculated for solvency purposes and presented in the Group EBS.

The differences represent revaluations necessary to remeasure all of SCOR Group's assets and liabilities calculated in accordance with IFRS as economic values under Solvency II rules. For further details on valuation principles and differences, see Chapter D – Valuation for solvency purposes.

**SCOR Group**

**As at December 31, 2017**
*In EUR thousands*

| | |
|---|---|
| **IFRS – Shareholders' equity(1)** | **6,403,955** |
| **Economic adjustments** | **1,088,362** |
| Goodwill | (787,733) |
| Other intangible assets, real estate and other assets | 145,404 |
| Investments | - |
| Net technical balances | 2,004,196 |
| Net technical balances, excluding risk margin – Life | 5,019,008 |
| Net technical balances, excluding risk margin – Non-Life | 596,332 |
| Risk margin – Life | (3,096,973) |
| Risk margin – Non-Life | (514,171) |
| Financial liabilities | (16,448) |
| Deferred taxes | (274,654) |
| Own shares | 17,597 |
| **Excess of assets over liabilities in the Solvency II EBS** | **7,492,317** |
| Subordinated liabilities | 2,227,080 |
| Own shares | (196,813) |
| Deductions for foreseeable dividends | (308,000) |
| Non controlling interest | (30,113) |
| **TOTAL AVAILABLE OWN FUNDS** | **9,184,471** |

*(1) IFRS shareholders' equity after reclassification of own shares to the asset side of the balance sheet.*

### E.1.1.4. GROUP CONSOLIDATION

SCOR Group's EBS and consequently own funds have been derived from group consolidated data, as prepared for the Group's IFRS consolidated financial statements, with additional valuation adjustments applied. Any intragroup transactions between entities within the SCOR Group have been eliminated to present a consolidated EBS.

As a result, data used in the calculation of Group own funds consist of the fully consolidated data of subsidiary insurance and reinsurance undertakings, holding companies and ancillary service undertakings and adjusted equity method data of other participations; net of any intragroup transactions.

The Group own funds calculation process ensures that all relevant rules have been followed. Thus, the Group net assets reflect the economic value of assets and liabilities established in accordance with Solvency II valuation rules (Article L. 351-1 of the French Insurance Code). Appropriate procedures and controls are in places to confirm that SCOR Group own funds as calculated are free from encumbrances, any use of subscribed but not paid-up capital, any own funds item which has not been duly authorized; whereas any solvency deficits recorded by a subsidiary is duly taken into account in the Group and legal entity own funds calculation.

#### E.1.1.5. GROUP CONSIDERATIONS

The Group structure has been optimized over time to maximize fungibility of capital through:

- a reduced number of subsidiaries enhancing fungibility while supporting local business presence. This is facilitated by the "Societas Europaea" ("SE") structure that allows an efficient branch set-up in Europe, enabling integrated supervision at Group parent company level through SCOR SE, focusing on communication with a limited number of supervisors with whom SCOR can share its global strategy, while mutualizing diversification benefits;
- an integrated supervision of regulatory constraints at Group level and an optimal capital allocation through three pools of capital; and
- efficient management of its capital allocation between subsidiaries, and the fungibility of the capital. SCOR is continuously leveraging, in its day-to-day activity, on various tools that are core to the reinsurance activity (such as intragroup reinsurance, intragroup financing, portfolio transfer, VIF (Value in Force) securitization, or collateral posting) demonstrating its ability to transfer own funds within the Group. In case a fungibility issue is identified SCOR would be able to implement a mitigation plan, leveraging on these tools, to make the necessary own funds available to the Group within an acceptable timeframe.

## E.1.2. SOLVENCY CAPITAL REQUIREMENT

This section is linked to the Quantitative Reporting Template S.25.03.22 – SCR – for groups on full internal models in Appendix A.

This section provides the solvency capital requirement (SCR) by risk category and a quantification of the diversified risk profile.

#### E.1.2.1. SCR BY RISK COMPONENTS

The minimum of the consolidated Group Solvency Capital Requirement referred to in Article 230(2) of Directive 2009/138/EC amounts to EUR 3,225 million as at December 31, 2017, and a reduction of EUR (364) million from the prior year end.

The table below shows the standalone 0.5% Value-at-Risk (VaR) for each risk category, and the diversification and tax components. Risk categories are described in Section E.1.4.1 – Overview of the internal model.

**SCOR Group**

| *In EUR thousands* | 0.5% VaR as at December 31, 2017 | 0.5% VaR as at December 31, 2016 | Changes from YE 2016 to YE 2017 |
|---|---|---|---|
| P&C underwriting | 3,219,957 | 3,380,492 | (160,535) |
| Life underwriting | 3,236,448 | 3,440,149 | (203,701) |
| Market | 1,867,844 | 1,929,898 | (62,054) |
| Credit | 361,455 | 572,596 | (211,141) |
| Operational | 269,086 | 266,447 | 2,639 |
| **Required capital before diversification** | **8,954,790** | **9,589,582** | **(634,792)** |
| Diversification | (4,204,235) | (4,674,167) | 469,932 |
| Taxes | (433,575) | (419,861) | (13,714) |
| **SCR** | **4,316,980** | **4,495,554** | **(178,574)** |

P&C underwriting standalone risk has decreased by EUR (161) million from December 31, 2016. This was driven by economic developments (primarily a weaker USD compared to EUR), which more than offset the business growth.

Life Underwriting standalone risk has decreased by EUR (204) million from December 31, 2016. This was driven by economic developments (primarily a weaker USD compared to EUR), which more than offset the business growth.

Market standalone risk includes invested assets, FX and interest rate risk, and has decreased by EUR (62) million compared to December 31, 2016. This includes changes from economic developments (primarily a weaker USD compared to EUR) and an increase in risk resulting from changes in the asset mix.

Credit standalone risk has decreased by EUR (211) million compared to December 31, 2016, mainly due to reduced credit spreads. However, credit risk benefits from strong diversification with other risks and thus this reduction has limited effect on the post-diversification risk.

Operational standalone risk has remained almost constant during 2017, despite the underlying business growth.

Required capital before diversification between risk categories and tax has decreased by EUR (635) million compared to December 31, 2016.

The loss absorbency benefit of taxes has increased marginally by EUR (14) million compared to December 31, 2016.

## E.1.3. USE OF THE DURATION-BASED EQUITY RISK SUB-MODULE IN THE CALCULATION OF THE SOLVENCY CAPITAL REQUIREMENT

SCOR does not apply transitional measures on technical provisions, so this section is not applicable.

## E.1.4. DIFFERENCES BETWEEN THE STANDARD FORMULA AND ANY INTERNAL MODEL USED

The following sections describe SCOR`s internal model and show how it is used within SCOR.

### E.1.4.1. OVERVIEW OF THE INTERNAL MODEL

SCOR developed its internal model to ensure that its solvency is properly measured: the model is part of a comprehensive solvency framework which seeks to ensure that SCOR is solvent now and will continue to be solvent in the future. The model is materially complete in its coverage of risk and entities. For this purpose, "material" is defined as being at a level above which information could influence the decision-making or judgment of the intended users of that information.

This section gives an overview of the internal model. Section E.1.4.2 – Consolidation approach describes the global nature of the internal model. Section E.1.4.3 – Uses of the internal model gives examples of how SCOR utilizes the internal model. Section E.1.4.4 – Probability distribution forecasts provides more details on the operation of the internal model, describing how SCOR forecasts the probability distributions for its risks. Section E.1.4.5 – Diversification shows how SCOR captures the capital benefits of being a global and diversified group and Section E.1.4.6 describes the key differences between the standard formula and SCOR's internal model.

#### Summary approach

The internal model produces a probability distribution of SCOR`s economic balance sheet at a date one year in the future. It does this by calculating, for many thousands of scenarios, the value of the balance sheet items exposed to risk. SCOR leverages its experience to forecast a probability distribution for each of these risks and to determine how the different risks interact. SCOR then uses this to produce a single probability distribution of the change in economic value. See Section E.1.4.4 – Probability distribution forecasts for more details.

#### Scope of the internal model

##### Business units

The internal model is a global model and operates under the same standards across the Group, within and outside the Solvency II regime. SCOR manages its business using a Group and Divisional approach as described in Section A.1.1.5 – Governance, organizational and legal structure of the Group, under which the activities of the Life and P&C divisions are represented alongside SCOR Global Investments.

The internal model fully captures the risk exposures of all EEA-regulated entities; these include SCOR SE, SGLRI, SGL SE and SGP&C SE; the latter two are the primary consolidating entities for the Life division and P&C division, internal model results respectively. For non-EAA entities the model captures material participation and other risks.

##### Risk measure and time period

The risk measure used to determine the Solvency Capital Requirement is VaR 0.5%, i.e. the minimum loss of the 0.5% highest values of the probability distribution forecast described above. The time period used is one year. In other words, there is only a one in 200 chance of a loss higher than this value during the 12 months following the reporting date.

##### Risk categories

SCOR groups the risks modeled into five categories, Property & Casualty (P&C) underwriting, Life underwriting, market, credit and operational risks. Definitions of the risk categories are as follows:

- P&C underwriting risk is the risk of adverse change in the value of non-life liabilities. It also includes related risks such as those associated with expenses, deposits to cedents, reinsurance recoverables and reinsurance payables and interest income on funds withheld;

- **life underwriting** risk is the risk of adverse change in the value of life and health liabilities. It also includes related risks such as those associated with deposits to cedents, reinsurance recoverables and reinsurance payables and interest income on funds withheld;
- **market risk** is the risk of loss to balance sheet items (for instance provisions, payables, investments and debt) from change in the level of market prices;
- **credit** risk is the risk of loss from the default or changes in the rating of insurance or investment counterparties;
- **operational** risk is the risk of loss from inadequate or failed internal processes, personnel or systems or from external events. Operational risk includes legal risks, and excludes risks arising from strategic decisions and reputational risks.

Underwriting risks cover risks from business written to date and over the one-year period.

The risk categories are reported before tax and diversification. Reporting also shows:

- **Diversification.** This is the impact of determining the joint capital requirements of the five risk categories. The aggregated capital requirement is less than the sum of the individual capital requirements because of SCOR`s diversified portfolio which significantly reduces the likelihood of simultaneous occurrence of adverse experience and because losses in one area are offset by gains in another. See Section E.1.4.5 – Diversification for more details;
- **Taxes.** for each modeled scenario, the internal model calculates the tax impact of the change in economic value.

### Data used in the internal model

The probability distribution forecast of SCOR`s economic balance sheet requires forecasts to be made for the economic background, for each risk factor, and for the dependencies between the various risk factors. These forecasts rely on actuarial, economic, financial and business portfolio assumptions and data. Because the accuracy and appropriateness of this data are crucial, SCOR carefully manages data to ensure its proper and structured storage, reliability and accessibility. SCOR applies a data quality management framework to identify key data affecting internal model results, in particular the SCR, and data quality criteria to all of this data. Section E.1.4.4 – Probability distribution forecasts describes in more detail the data used for each risk category and how SCOR ensures that the data is appropriate.

In some areas, there is little data available or the data lacks credibility. In these cases, SCOR applies expert judgment to enrich data, derive parameters for the forecast, and reduce uncertainty in internal model estimations – see for example the approach to supplementing data on extreme events for P&C underwriting described in Section E.1.4.4 – Probability distribution forecasts.

## E.1.4.2. CONSOLIDATION APPROACH

SCOR follows Solvency II standards for the uses of the internal model described below, whether within the Solvency II regime, for internal management reporting purposes, or for externally presenting the business results.

SCOR determines its Group solvency position using consolidated data. Both the own funds and SCR are calculated using the accounting consolidation based method (method 1).

SCOR consolidates small non-insurance companies where SCOR has significant influence but no control, other small non-controlled related (re)insurance undertakings and participations in investment firms. This consolidation is based on their net asset value (the 'adjusted equity method'). The SCR does not include any additional amounts for these entities as such amounts would be immaterial.

## E.1.4.3. USES OF THE INTERNAL MODEL

The internal model is used to support the Group's business initiatives and to provide input for management decisions. See for example Sections B.3.1.3 – Risk tolerances, B.3.2.3 – Identification and assessment of risks and C.2.3 – Risks related to reserves. Other examples are as follows:

- SCOR uses the internal model to align solvency and profitability and for economic and solvency capital assessment. The internal model is used to produce distributions of scenarios for changes in basic own funds over the coming year for SCOR Group and material Group entities, in accordance with Solvency II principles;
- SCOR uses the internal model for strategic solvency management. The internal model is the core tool for setting and maintaining SCOR's strategic solvency target, under which SCOR's solvency position remains within a range set to align shareholder returns, business growth, profitability and solvency protection for clients;
- the internal model plays an important role in SCOR's System of Governance, and Risk Management System and thereby helps to optimize shareholder return. SCOR designed and developed the model specifically for its own risks, so the internal model provides a better understanding of its risk profile than an industry-standard or standard formula approach;
- SCOR's Capital Shield strategy, see Section C.2.4 – Retrocession and other risk mitigation techniques, uses a range of protection mechanisms to ensure that the retained risk profile remains in line with the risk appetite framework and risk tolerances;
- SCOR's SCR is mainly driven by its underwriting risks, with high diversification through well-balanced Life and P&C portfolios. Full distribution modeling and capital allocation based on the Euler[(1)] technique steer SCOR's risk return profile to the optimum allocation of economic capital to divisions and lines of business, and to new business. This approach means that capital allocation in pricing targets' business is expected to give a good return on capital;

(1) See https://www.scor.com/images/stories/pdf/scorpapers/scorpapers1_en.pdf and https://www.scor.com/images/stories/pdf/scorpapers/scorpapers7-en.pdf

- SCOR uses the internal model for risk analysis to support acquisitions and other major decisions and to assess the impact on the Group's (and relevant entity's) solvency and SCR.

## E.1.4.4. PROBABILITY DISTRIBUTION FORECASTS

This section describes how SCOR forecasts the probability distribution for each risk category. The approach can be summarized as follows:

- SCOR determines the exposure of the EBS items exposed to risk using the economic characteristics of its portfolio;
- SCOR analyses each risk category into a number of risk factors and generates probability distributions for each of these risk factors, using its own experience and expertise applied to internal, external and market data;
- SCOR uses Monte-Carlo simulation techniques to produce the full probability distribution forecast for each risk category. The risk factor distributions are applied to the exposures to generate the changes in the EBS for a large number of simulations.

### P&C Underwriting Risk

The business covered by the P&C risk category is all external and internal non-life re/insurance and retrocession contracts from both in force business and new business within the one-year time period. The forecasts are determined for three categories of business (Treaty, Facultative and Natural Catastrophe) and for reserve risk.

SCOR leverages its own experience to understand its P&C risks and to derive observed statistical characteristics of these risks, particularly probability distributions, the nature of the dependencies between them and their expected behavior over the next year. Particular attention is paid to extreme events and SCOR uses a statistical (Bayesian) method to supplement the data on these. This method (Probex), see SCOR Paper(1) for details, combines expert judgment with existing industry and economic data, both internal and external, and improves SCOR's understanding of adverse scenarios.

Probability distributions are generated for each of the three different categories of business and for reserve risk, based on the nature of the underlying risks and forecast using claim inflation curves and economic trends.

### Life Underwriting Risk

SCOR has developed its capacity to model its life and health risks since 2005, combining global expertise and significant amounts of experience, including data from acquisitions. It uses this to derive the statistical characteristics of these risks, particularly their current probability distributions, the nature of the dependencies between them and their expected behavior over the next year.

Probability distribution functions are chosen to model the underlying risk factors such as mortality, longevity and policyholder behavior. SCOR applies expert judgment and scenario analyses where experience data are relatively scarce, for example lapse and morbidity risks.

The internal model takes future management actions into account, reflecting the optionality available to SCOR on certain blocks of business in the event of adverse mortality or critical illness experience.

### Market Risk

The market risk category comprises a number of risk factors, including government bond yields and credit spreads for different ratings, maturities and economies and currency exchange (FX).

SCOR applies probability distributions for these risk factors to the values of EBS items. Within this risk category SCOR also applies probability distributions for interest rates to the modeled values of discounted best estimate liabilities and deposits to cedents.

SCOR forecasts the probability distributions of the risk factors, and the dependencies between them, using economic scenarios for a number of major currencies. These economic scenarios are created by SCOR`s Economic Scenario Generator (ESG), which produces scenarios representing various plausible states of the economy specified in terms of economic risk factors, to determine how the economic balance sheet would react under these various scenarios.

The internal model determines, for each ESG scenario, the impact on the underlying EBS item. Repeating this exercise many times for different future economic scenarios gives the full probability distribution forecast for market risk.

### Credit Risk

The probability distribution forecast for credit risk includes migration and default risk, and is determined in three stages. Firstly, using historical data on credit spreads and downgrading, the risks of counterparty downgrade (including default) and credit spreads are forecast. Secondly, the loss on downgrade or default is determined from the exposure to the counterparty. Finally, this exercise is repeated many times for different future economic scenarios to arrive at the probability distribution forecast for credit risk.

(1) See https://www.scor.com/images/stories/pdf/scorpapers/scorpapers10_en.pdf

## Operational Risk

SCOR models annual losses at the entity level and by key operational areas. There are two main data sources for modeling operational risk: scenario analyses from experts and historical losses. The methodology for modeling losses for each operational risk area is based on a Bayesian[(1)] approach. This allows for the combination of several input data sources for each modeled operational risk area to obtain credible data.

## Other

**Tax.** The modeled EBS starts with actual deferred tax assets and deferred tax liabilities recognized at the beginning of the year. For each modeled scenario, the internal model calculates the tax impact of the change in economic value (i.e. economic profit or loss). The internal model determines this item by modeled entity and by scenario. The Group tax effects represent the aggregated tax effects of the modeled legal entities.

**Minor balance sheet items,** such as intangible assets or debt, are assumed to carry a low intrinsic risk. These are modeled in a simplified way and included in the relevant risk category.

### E.1.4.5. DIVERSIFICATION

SCOR is a global Group with significant presence in the Americas, EMEA (Europe, Middle East and Africa) and Asia-Pacific regions. Its portfolio is diversified with a balanced mix of life and property and casualty business. Diversification benefit arises because the risks on different parts of the portfolio are independent of, weakly correlated or negatively correlated with the risks on other parts. This is particularly important for the interaction between the Life and P&C risk categories but there are further areas where SCOR benefits from diversification. SCOR benefits from geographical spread of risks: major adverse events are unlikely to occur simultaneously on a global scale. Within Life underwriting, long-term risks such as trend risks are largely independent of shock risks such as pandemics, and longevity risk is negatively correlated with mortality risk.

At December 31, 2017, the sum of the capital requirements before diversification was EUR 8,955 million. After allowing for diversification between risk categories, the capital requirement decreased by EUR 4,204 million. SCOR can achieve this level of diversification thanks to its specific business mix. The majority of the diversification benefit derives from the balance between the P&C and Life portfolios.

### E.1.4.6. KEY DIFFERENCES BETWEEN THE STANDARD FORMULA AND THE INTERNAL MODEL

The SCR standard formula follows a modular approach where the overall risk to which the (re)insurance entity is exposed is divided into risk module. These risk modules include Life underwriting, Non-Life underwriting, Health underwriting, Market and Operational. The capital requirements for each risk module are calculated using a table of factors applied to exposures. Correlation matrices are applied to the risk modules to calculate the total SCR.

Subject to regulatory approval, (re)insurers are permitted to use their own internal model to calculate their SCR rather than the standard formula. Since 2003 SCOR has used its experience and knowledge to develop an internal model which accurately reflects SCOR`s risk profile as a global reinsurer.

SCOR's internal model is similar to the standard formula in that both use a risk category approach, apply diversification between the risk categories, and calculate the SCR at a 99.5% VaR. However, in contrast to the simplified factor approach of the standard formula, the internal model applies full distribution modeling.

SCOR's internal model structure reflects geographical market specificity by use of appropriate risk factor calibration. The standard formula uses generic diversification factors for all (re) insurers, whereas the SCOR internal model reflects the benefits of risk diversification specific to a global reinsurer as compared to a less diversified local insurance undertaking.

Additional key differences are summarized below by risk category:

- for P&C underwriting, SCOR determines the probability distributions, and models natural catastrophe risk using sophisticated proprietary tools applied to SCOR`s own portfolio. The internal model also captures the specific characteristics of non-proportional reinsurance;
- for Life underwriting, a wider range of risk factors than considered in the standard formula is modeled. Also, for Life underwriting the standard formula only covers risks from business in force, whereas the SCOR internal model also includes risks from future business expected to be written over the next year according to the Business Plan;
- for Market risk, SCOR uses its own ESG which reflects dependencies over the full range of outcomes (not just those at the 99.5th percentile) between the different components of market risk modeled;
- for Credit risk, SCOR models migration and default risk comprehensively for marketable securities and covers default of future profits from cedents. Migration risk reflects a potential loss in the book value of assets due to changes in the credit quality of our counterparties, despite no actual default;
- for Operational risk, SCOR adopts a granular approach, which reflects actual historical operational loss data from key operating areas.

(1) See footnote 2 for details.

### E.1.5. NON-COMPLIANCE WITH THE SOLVENCY CAPITAL REQUIREMENT

SCOR Group and all legal entities belonging to SCOR Group subject to Solvency II have complied with the MCR and the SCR requirement throughout the periods covered by this report.

### E.1.6. ANY OTHER INFORMATION

No other material information is reported regarding SCOR Group's capital management other than that presented above in Section E.1 – SCOR Group.

## E.2. SCOR SE

This section gives an overview of the year-end 2017 internal model capital position for SCOR SE.

The following table shows the key results as at December 31, 2017 and December 31, 2016, respectively.

**SCOR SE**

| *In EUR thousands* | 2017 | 2016 | Variance |
|---|---|---|---|
| Eligible Own Funds (EOF) | 8,983,273 | 9,903,548 | (920,274) |
| Solvency Capital Requirement (SCR) Internal Model | 4,322,802 | 4,497,899 | (175,097) |
| **Excess Capital (EOF – SCR)** | **4,660,471** | **5,405,649** | **(745,177)** |
| **SOLVENCY RATIO** | **208%** | **220%** | **(12%)** |

The Solvency ratio decreased from 220% at year-end 2016 to 208% at year-end 2017. This decrease of 12% in the solvency ratio is the combined effect of lower eligible own funds ((9)% compared to December 31, 2016) and a lower SCR ((4%) compared to December 31, 2016). Further details on the contributors to these changes are given in section E.2.1.1 – Own funds structure and E.2.2.1 – SCR by risk category below.

### E.2.1. OWN FUNDS

This section is linked to Quantitative Reporting Template S.23.01.01 – Own funds, presented in Appendix B.

#### E.2.1.1. OWN FUNDS STRUCTURE

SCOR SE is the holding company of the SCOR Group. The structure of its own funds is similar to that of the Group, as described above. SCOR SE's own funds structure is presented in the table below.

SCOR SE own funds eligible to cover the SCR amounted to EUR 8,983 million at December 31, 2017 (December 31, 2016: EUR 9,904 million).

As at December 31, 2017, SCOR Group own funds (EUR 9,184 million) are higher than those of SCOR SE (on a stand-alone basis) primarily due to the recognition of deferred tax on unrealized gains on participations. In the stand-alone EBS of SCOR SE, a deferred tax liability of EUR 132 million is recorded on SCOR SE's entity investments held directly and indirectly through SGP&C SE and SGL SE, while this is not recognized in the SCOR Group consolidated EBS.

### SCOR SE

| In EUR thousands | As at December 31, 2017 Tier 1 | Tier 2 | Tier 3 | Total |
|---|---|---|---|---|
| **Basic own funds** | **7,524,395** | **1,365,150** | **93,728** | **8,983,273** |
| Ordinary share capital | 1,524,197 | - | - | 1,524,197 |
| Share premium | 809,338 | - | - | 809,338 |
| Reconciliation reserve | 4,328,930 | - | - | 4,328,930 |
| Revaluation reserves | 4,798,985 | - | - | 4,798,985 |
| Net income for the year | 34,758 | - | - | 34,758 |
| Own shares | (196,813) | - | - | (196,813) |
| Foreseeable dividends | (308,000) | - | - | (308,000) |
| Subordinated liabilities | 861,930 | 1,365,150 | - | 2,227,080 |
| Net deferred tax assets | - | - | 93,728 | 93,728 |
| **Total available own funds** | **7,524,395** | **1,365,150** | **93,728** | **8,983,273** |
| **Total eligible own funds to cover the SCR (after limit deductions)** | **7,524,395** | **1,365,150** | **93,728** | **8,983,273** |
| **Total eligible own funds to cover the MCR (after limit deductions)** | **7,524,395** | **216,140** | **-** | **7,740,535** |

### SCOR SE

| In EUR thousands | As at December 31, 2016 Tier 1 | Tier 2 | Tier 3 | Total |
|---|---|---|---|---|
| **Basic own funds** | **8,425,980** | **1,381,416** | **96,152** | **9,903,548** |
| Ordinary share capital | 1,516,589 | - | - | 1,516,589 |
| Share premium | 803,535 | - | - | 803,535 |
| Reconciliation reserve | 5,185,709 | - | - | 5,185,709 |
| Revaluation reserves | 5,097,024 | - | - | 5,097,024 |
| Net income for the year | 646,599 | - | - | 646,599 |
| Own shares | (252,117) | - | - | (252,117) |
| Foreseeable dividends | (305,797) | - | - | (305,797) |
| Subordinated liabilities | 920,147 | 1,381,416 | - | 2,301,563 |
| Net deferred tax assets | - | - | 96,152 | 96,152 |
| **Total available own funds** | **8,425,980** | **1,381,416** | **96,152** | **9,903,548** |
| **Total eligible own funds to cover the SCR (after limit deductions)** | **8,425,980** | **1,381,416** | **96,152** | **9,903,548** |
| **Total eligible own funds to cover the MCR (after limit deductions)** | **8,425,980** | **224,895** | **-** | **8,650,875** |

Total eligible own funds as at December 31, 2017 (EUR 8,983 million) decreased by EUR 920 million compared to the balance as at December 31, 2016 (EUR 9,904 million). The main changes in the composition of own funds during 2017 relate to a lower net income for the year (EUR 612 million) and reductions in the revaluation reserves (EUR 298 million). The main reason for the lower net income for 2017 was no dividends being received from SCOR SE's two key subsidiaries compared with the dividends that were received in 2016. The reduction in the revaluation reserves is mainly due to the changes in the values of SCOR SE's participations, the key drivers of which are the exceptional series of large natural catastrophes which occurred during the second half of the year and the changes in best estimate liabilities.

SCOR SE considers all its basic own funds, identified in line with Solvency II rules and resulting from economic adjustments made to SCOR SE's equity under IFRS, as available and eligible to cover the SCR.

The table above presents the components of basic own funds.

For details on each own fund item's classification by tier, the change in capital instruments, subordinated liabilities and dividend assumptions, see the Group Section E.1.1.1 – Own funds structure. Compared to the SCOR Group EBS, SCOR SE has positive net deferred tax assets recognized in the EBS and classified as tier 3 basic own funds.

### E.2.1.2. ELIGIBILITY OF OWN FUNDS

Regulatory capital under Solvency II is classified into three tiers as described in the Group Section E.1.1.1 – Own funds structure.

The application of certain limits (as described in the Group Section E.1.1.2 – Eligibility of own funds) determines SCOR SE's eligible own funds.

For the purposes of compliance with the SCR, as at December 31, 2017 and 2016 respectively, none of the limits applied to SCOR SE.

For the purposes of compliance with the MCR, tier 1 capital must account for at least 80% of the minimum required capital. The sum of eligible tier 2 and tier 3 capital must account for a maximum of 20% of the MCR. As at December 31, 2017, this limit was exceeded and therefore EUR 1,242 million was not eligible to cover the MCR (December 31, 2016: EUR 1,243 million).

### E.2.1.3. RECONCILIATION WITH SHAREHOLDERS' EQUITY

The table below presents the differences between shareholders' equity in the financial statements of SCOR SE prepared under French GAAP and the net assets over liabilities as calculated for solvency purposes and presented in the EBS (see Appendix A presenting the SCOR Group EBS in QRT S.02.01.02).

#### SCOR SE

**As at December 31, 2017**
*In EUR thousands*

| | |
|---|---|
| **Statutory French GAAP – Shareholders' equity[(1)]** | **3,618,672** |
| **Economic adjustments** | **3,642,334** |
| Other intangible assets | (3,171) |
| Investments | 3,281,824 |
| Net technical balances | 113,109 |
| Net technical balances, excluding risk margin – Life | 39,162 |
| Net technical balances, excluding risk margin – Non-Life | 167,979 |
| Risk margin – Life | (23,806) |
| Risk margin – Non-Life | (70,226) |
| Financial liabilities | (16,447) |
| Deferred taxes | 93,728 |
| Own shares | 17,598 |
| Other assets and liabilities | 155,693 |
| **Excess of assets over liabilities in the Solvency II EBS** | **7,261,006** |
| Subordinated liabilities | 2,227,080 |
| Own shares | (196,813) |
| Deductions for foreseeable dividends | (308,000) |
| **TOTAL AVAILABLE OWN FUNDS** | **8,983,273** |

*(1) IFRS shareholders' equity considering reclassification of own shares to the asset side of the balance sheet.*

The economic adjustments represent revaluations necessary to restate all the assets and liabilities of SCOR SE calculated in accordance with French GAAP to the economic values required under Solvency II rules. For further details on valuation principles and differences, please see Chapter D – Valuation for solvency purposes for SCOR SE.

## E.2.2. SOLVENCY CAPITAL REQUIREMENT AND MINIMUM CAPITAL REQUIREMENT

### E.2.2.1. SCR BY RISK CATEGORY

SCOR SE's total SCR is materially the same as that of SCOR Group and the split of SCOR SE's SCR by risk category is the same as for SCOR Group, as set out in Section E.1.2.1 – SCR by risk category of this report.

### E.2.2.2. MINIMUM CAPITAL REQUIREMENT

The table below presents MCR calculations based on the internal model SCR:

**SCOR SE**

| *In EUR thousands* | December 31, 2017 | December 31, 2016 | Variation | % Variation |
|---|---|---|---|---|
| MCR Minimum (25% of SCR) | 1,080,701 | 1,124,475 | (43,774) | (4%) |
| MCR Linear | 488,954 | 449,548 | 39,407 | 9% |
| MCR Maximum (45% of SCR) | 1,945,261 | 2,024,054 | (78,793) | (4%) |
| **MCR WITH INTERNAL MODEL CAP & FLOOR** | **1,080,701** | **1,124,475** | **(43,774)** | **(4%)** |

Minimum capital requirement (MCR) calculations include non-life and life exposures. The non-life exposures used for the MCR calculation are the net premium amounts written in the previous 12 months and the net best estimate technical provisions, both split by line of business. Predefined regulatory factors are applied to the premium and technical provision elements and added up to obtain the non-life linear MCR. Similarly, the life linear MCR is obtained by applying predefined factors to the net best estimate technical provisions classified by product type as well as to the capital at risk for all life exposures.

The linear MCR is the sum of the linear MCR elements for non-life and life exposures. The MCR is the result of this specified linear formula subject to a floor of 25% and a cap of 45% of the SCR calculated based on the Internal Model.

The MCR for SCOR SE is equal to the floor, being the minimum level of the MCR, i.e. 25% of the Internal Model SCR.

## E.2.3. USE OF THE DURATION-BASED EQUITY RISK SUB-MODULE IN THE CALCULATION OF THE SOLVENCY CAPITAL REQUIREMENT

SCOR SE does not use the duration-based equity risk sub-module in the calculation of the solvency capital requirement.

## E.2.4. DIFFERENCES BETWEEN THE STANDARD FORMULA AND ANY INTERNAL MODEL USED

SCOR applies the same internal model across the Group. The description of the internal model used and differences compared to the standard formula provided in the Group Section E.1.4 – Differences between the standard formula and any internal model used, applies to the entire Group, including SCOR SE.

### E.2.5. NON-COMPLIANCE WITH THE MINIMUM CAPITAL REQUIREMENT AND NON-COMPLIANCE WITH THE SOLVENCY CAPITAL REQUIREMENT

SCOR SE is subject to the same risk control cycle as SCOR Group.

SCOR SE and all legal entities belonging to SCOR SE subject to Solvency II have complied with the MCR and the SCR requirement throughout the periods covered by this report.

### E.2.6. ANY OTHER INFORMATION

SCOR SE is the ultimate parent entity for the SCOR Group. In order to support a global credit rating and to provide equal security on a global basis to all clients, SCOR SE issues direct and indirect parental guarantees to all legal entities and economically carries the full risk and obligations of the subsidiaries. This is fully reflected in the internal model and the capital requirements disclosed. As described in E.1.4.2 – Consolidation approach, SCOR calculates the SCR at both group and individual entity level using the same model, data and standards.

## E.3. SGP&C SE

This section gives an overview of the year-end 2017 capital position for SGP&C SE.

The following table displays the key results as at December 31, 2017 and 2016, respectively.

**SGP&C SE**

| *In EUR thousands* | 2017 | 2016 | Variance |
|---|---|---|---|
| Eligible Own Funds (EOF) | 2,513,686 | 2,774,677 | (260,991) |
| Solvency Capital Requirement (SCR) Internal Model | 1,350,558 | 1,577,622 | (227,064) |
| **Excess Capital (EOF – SCR)** | **1,163,128** | **1,197,055** | **(33,927)** |
| **SOLVENCY RATIO** | **186%** | **176%** | **10%** |

The Solvency ratio increased from 176% at year-end 2016 to 186% at year-end 2017. The ten points increase stems from the combined effect of eligible own funds decrease of (EUR 261 million), mainly driven by foreseeable dividend of EUR 250 million on year-end 2017 SCOR Global P&C SE statutory accounts and a SCR decrease of EUR 227 million. For further information on SCR evolution see section E.3.2 - Solvency capital requirement and minimum capital requirement.

### E.3.1. OWN FUNDS

#### E.3.1.1. OWN FUNDS STRUCTURE

SCOR Global P&C SE is a wholly-owned subsidiary of SCOR SE, gathering under a single legal framework the P&C business arising from European countries. SGP&C SE's own funds structure is presented in the table below.

SGP&C SE own funds eligible to cover the SCR amounted to EUR 2,514 million at December 31, 2017.

## SGP&C SE

| In EUR thousands | As at December 31, 2017 Tier 1 | Tier 2 | Tier 3 | Total |
|---|---|---|---|---|
| **Basic own funds** | **2,454,381** | **35,659** | **23,646** | **2,513,686** |
| Ordinary share capital | 581,560 | - | - | 581,560 |
| Share premium | 987,391 | - | - | 987,391 |
| Reconciliation reserve | 468,270 | - | - | 468,270 |
| Revaluation reserves | 567,206 | - | - | 567,206 |
| Net income for the year | 151,135 | - | - | 151,135 |
| Forseeable dividends | (250,071) | - | - | (250,071) |
| Subordinated liabilities | 417,160 | 35,659 | - | 452,819 |
| **Net deferred tax assets** | **-** | **-** | **23,646** | **23,646** |
| **Total available own funds** | **2,454,381** | **35,659** | **23,646** | **2,513,686** |
| **Total eligible own funds to cover the SCR (after limit deductions)** | **2,454,381** | **35,659** | **23,646** | **2,513,686** |
| **Total eligible own funds to cover the MCR (after limit deductions)** | **2,454,381** | **35,659** | **-** | **2,490,040** |

## SGP&C SE

| In EUR thousands | As at December 31, 2016 Tier 1 | Tier 2 | Tier 3 | Total |
|---|---|---|---|---|
| **Basic own funds** | **2,696,633** | **36,524** | **41,520** | **2,774,677** |
| Ordinary share capital | 581,560 | - | - | 581,560 |
| Share premium | 987,391 | - | - | 987,391 |
| Reconciliation reserve | 703,090 | - | - | 703,090 |
| Revaluation reserves | 359,326 | - | - | 359,326 |
| Net income for the year | 343,764 | - | - | 343,764 |
| Subordinated liabilities | 424,592 | 36,524 | - | 461,116 |
| **Net deferred tax assets** | **-** | **-** | **41,520** | **41,520** |
| **Total available own funds** | **2,696,633** | **36,524** | **41,520** | **2,774,677** |
| **Total eligible own funds to cover the SCR (after limit deductions)** | **2,696,633** | **36,524** | **41,520** | **2,774,677** |
| **Total eligible own funds to cover the MCR (after limit deductions)** | **2,696,633** | **36,524** | **-** | **2,733,157** |

SGP&C SE considers all its basic own funds, identified in line with Solvency II rules and resulting from economic adjustments made to SGP&C SE's equity, as available and eligible to cover the SCR.

The table above presents the components of basic own funds. Net deferred tax assets recognized in the EBS are classified as tier 3 basic own funds. SGP&C SE does not recognize any ancillary own funds.

The reconciliation reserve represents the reserves from the SGP&C SE Audited Financial Statements 2017, net of any adjustments, and the economic valuation differences. The economic valuation differences result from adjustments made to the statutory balance sheet to arrive at economic value of all assets and liabilities recognized in the Solvency II EBS.

As at December 31, 2017 the forseeable dividend amounts to EUR 250 million on year-end 2017 SGP&C SE statutory accounts. As a reminder, there was no dividend payment planned as at December 31, 2016 as the entity made a reserve distribution of EUR 151 million prior to year-end.

The reconciliation reserve is classified as tier 1 basic own funds.

Subordinated liabilities represent loans issued to the benefit of SGP&C SE that meet the own funds recognition criteria. Subordinated liabilities are classified into tiers based on terms and conditions as specified in each contract. Subordinated loans to the benefit of SGP&C SE have been classified into tiers 1 and 2 based on grandfathering rules. Two loans (from SCOR SE and SCOR Holding UK) could be used to meet up to 50% of the solvency margin under Solvency I rules, therefore they can be classified as tier 1 capital under Solvency II for up to 10 years. The loan from SHS AG could be used to meet up to 25% of the solvency margin under Solvency I rules, therefore it can be classified as tier 2 capital under Solvency II for up to 10 years according to the transitional arrangements.

The table below presents the subordinated loans included in basic own funds.

**SGP&C SE**

| | As at December 31, 2017 | | | | | |
|---|---|---|---|---|---|---|
| | | | | | Optional redemption | |
| **Lender/Borrower** *In EUR thousands* | **Outstanding amount** | **Issue date** | **Maturity date** | **Tier** | **First call date** | **Call dates thereafter[2]** |
| SCOR Holding UK (GBP) | 18,000 | 15/12/2014 | Perpetuity | 1[1] | 01/10/2025 | Yearly |
| SGP&C Ireland (EUR) | 16,000 | 01/12/2014 | Perpetuity | 1[1] | 01/10/2025 | Yearly |
| SCOR SE (EUR) | 400,000 | 16/12/2014 | Perpetuity | 1[1] | 01/10/2025 | Yearly |
| SHS (EUR) | 158,653 | 02/11/2010 | 02/11/2020 | 2 | | |

*(1) Benefiting from transitional measures for tiering of subordinated liabilities until 2025.*
*(2) At any interest payment date.*

## E.3.1.2. ELIGIBILITY OF OWN FUNDS

Regulatory capital under Solvency II is classified into three tiers as described in the Group Section E.1.1.1 – Own funds structure.

None of the eligibility limits (as described in the Group Section E.1.1.2 – Eligibility of own funds.) applied to SGP&C SE as at December 31, 2017. Net deferred tax assets are below the tier 3 limit of 15% of the SCR (i.e. EUR 203 million).

## E.3.1.3. RECONCILIATION WITH SHAREHOLDERS' EQUITY

The table below presents the differences between the shareholders' equity in the financial statements of SGP&C SE prepared under French GAAP and the net assets over liabilities as calculated for solvency purposes and presented in the EBS (see Appendix presenting SGP&C SE EBS).

**SGP&C SE**

| **As at December 31, 2017** *In EUR thousands* | |
|---|---|
| **Statutory French GAAP – Shareholders' equity** | **2,267,012** |
| **Economic adjustments** | **43,926** |
| Other intangible assets | (346,654) |
| Investments | 427,085 |
| Net technical balances | 81,818 |
| Net technical balances, excluding risk margin – Non-Life | 251,069 |
| Risk margin – Non-Life | (169,251) |
| Financial liabilities | (150,672) |
| Deferred taxes | 23,646 |
| Other assets and liabilities | 8,703 |
| **Excess of assets over liabilities in the Solvency II EBS** | **2,310,938** |
| Subordinated liabilities | 452,819 |
| Deductions for foreseeable dividends | (250,071) |
| **TOTAL AVAILABLE OWN FUNDS** | **2,513,686** |

The economic adjustments represent revaluations necessary to restate all assets and liabilities of SGP&C SE calculated in accordance with French GAAP to the economic values required under Solvency II rules. For further details on valuation principles and differences, see Section D.1.11 – SGP&C SE – Additional information on the valuation of assets, D.2.4 – SGP&C SE – Additional information on the valuation of technical provisions and D.3.7 – SGP&C SE – Additional information on the valuation of other liabilities.

## E.3.2. SOLVENCY CAPITAL REQUIREMENT AND MINIMUM CAPITAL REQUIREMENT

### E.3.2.1. SCR BY RISK COMPONENT

SGP&C SE applies an internal model which is consistent with that of the Group, therefore the risk categories are the same as those described in the Group SFCR, except in relation to Life and Health risks which are not relevant for SGP&C SE.

The table below shows the standalone 0.5% Value-at-Risk (VaR) for each risk category, and the diversification and tax components. Risk categories are described in Group Section E.1.4.1 – Overview of the internal model.

**SGP&C SE**

| *In EUR thousands* | 0.5% VaR as at December 31, 2017 | 0.5% VaR as at December 31, 2016 | Changes from 2016 to 2017 |
|---|---|---|---|
| P&C underwriting | 1,629,145 | 1,848,495 | (219,350) |
| Market | 465,800 | 585,190 | (119,390) |
| Credit | 64,943 | 167,167 | (102,224) |
| Operational | 40,850 | 42,735 | (1,885) |
| **Required capital before diversification** | **2,200,738** | **2,643,587** | **(442,849)** |
| Diversification | (537,969) | (766,473) | 228,504 |
| Taxes | (312,211) | (299,492) | (12,719) |
| **SCR** | **1,350,558** | **1,577,622** | **(227,064)** |

P&C underwriting standalone risk has decreased by EUR (219) million from December 31, 2016. This was driven by economic developments (primarily a weaker USD compared to EUR), which more than offset the business growth.

Market standalone risk includes invested assets, FX and Interest rate risk, and has decreased by EUR (119) million compared to December 31, 2016. This includes changes from economic developments (primarily a weaker USD compared to EUR) and an increase in risk resulting from changes in the asset mix.

Credit standalone risk has decreased by EUR (102) million compared to December 31, 2016, mainly due to reduced credit spreads. Credit risk benefits from a strong diversification with other risks and thus this reduction has limited effect on the post-diversification risk. Operational standalone risk has remained almost constant during 2017, despite the underlying business growth.

Required capital before diversification between risk categories and tax has decreased by EUR (443) million compared to December 31, 2016.

The loss absorbency benefit of taxes has increased marginally by EUR 13 million compared to December 31, 2016.

### E.3.2.2. MINIMUM CAPITAL REQUIREMENT

The table below presents the MCR calculation based on the internal model SCR:

**SGP&C SE**

| *In EUR thousands* | December 31, 2017 | December 31, 2016 | Variation | % Variation |
|---|---|---|---|---|
| MCR Minimum (25% of SCR) | 337,639 | 394,406 | (56,766) | (14%) |
| MCR Linear | 730,674 | 752,646 | (21,972) | (3%) |
| MCR Maximum (45% of SCR) | 607,751 | 709,930 | (102,179) | (14%) |
| **MCR WITH INTERNAL MODEL CAP & FLOOR** | **607,751** | **709,930** | **(102,179)** | **(14%)** |

The non-life exposures used for the calculation are the net premium amounts written in the previous 12 months and the net best estimate technical provisions both split by lines of business. Predefined regulatory factors are applied to the premium and technical provision elements and added up to obtain the non-life linear Minimum Capital Requirement (MCR). The MCR is the result of this specified linear formula subject to a floor of 25% and a cap of 45% of the SCR calculated based on the internal model.

The MCR for SGP&C SE is equal to the cap, being the maximum level of the MCR, i.e. 45% of the Internal Model SCR.

## E.3.3. USE OF THE DURATION-BASED EQUITY RISK SUB-MODULE IN THE CALCULATION OF THE SOLVENCY CAPITAL REQUIREMENT

SGP&C SE does not use the duration-based equity risk sub-module in the calculation of the solvency capital requirement.

## E.3.4. DIFFERENCES BETWEEN THE STANDARD FORMULA AND ANY INTERNAL MODEL USED

SCOR applies the same internal model across the Group. The description provided in the Group SFCR, Section E.1.4 – Differences between the standard formula and any internal model used, applies to the entire Group including SGP&C SE, but includes aspects such as modeling of life and health risks which are not relevant for SGP&C SE.

## E.3.5. NON-COMPLIANCE WITH THE MINIMUM CAPITAL REQUIREMENT AND NON-COMPLIANCE WITH THE SOLVENCY CAPITAL REQUIREMENT

SGP&C SE is subject to the same risk control cycle as SCOR Group.

SGP&C SE and all legal entities belonging to SGP&C SE subject to Solvency II have been compliant with the MCR and the SCR requirement throughout the periods covered by this report.

## E.3.6. ANY OTHER INFORMATION

No other material information is reported regarding SGP&C SE's capital management other than that presented above in Section E.3 – SGP&C SE.

# E.4. SGL SE

This section gives an overview of the year-end 2017 capital position for SGL SE.

The following table presents the key results as at December 31, 2017 and 2016, respectively.

**SGL SE**

| *In EUR thousands* | 2017 | 2016 | Variance |
|---|---|---|---|
| Eligible Own Funds (EOF) | 4,495,859 | 4,983,400 | (487,542) |
| Solvency Capital Requirement (SCR) Internal Model | 2,727,084 | 3,191,763 | (464,679) |
| **Excess Capital (EOF – SCR)** | **1,768,775** | **1,791,637** | **(22,863)** |
| **SOLVENCY RATIO** | **165%** | **156%** | **9%** |

The Solvency ratio increased from 156% at year-end 2016 to 165% at year-end 2017. This increase of 9% in the solvency ratio is due to a decrease in the SCR ((15%) compared to December 31, 2016), which was more significant than the one in the eligible own funds ((10%) compared to December 31, 2016). Further details on the contributors to these changes are given in section E.4.1.1 – Own funds structure and E.4.2.1 – SCR by risk components below.

## E.4.1. OWN FUNDS

### E.4.1.1. OWN FUNDS STRUCTURE

SGL SE represents the largest part of SCOR's Life division. SGL SE's own funds structure is presented in the table below.

SGL SE own funds eligible to cover the SCR amounted to EUR 4,496 million at December 31, 2017.

**SGL SE**

| | As at December 31, 2017 | | | |
|---|---|---|---|---|
| *In EUR thousands* | Tier 1 | Tier 2 | Tier 3 | Total |
| **Basic own funds** | **3,704,231** | **791,628** | **-** | **4,495,859** |
| Ordinary share capital | 287,040 | - | - | 287,040 |
| Share premium | 179,282 | - | - | 179,282 |
| Reconciliation reserve | 3,032,545 | - | - | 3,032,545 |
| Economic adjustments | 2,773,458 | - | - | 2,773,458 |
| Statutory reserves | 229,603 | - | - | 229,603 |
| Net income for the year | 129,485 | - | - | 129,485 |
| Foreseeable dividends | (100,000) | - | - | (100,000) |
| Subordinated liabilities | 205,364 | 791,628 | - | 996,992 |
| **Total available own funds** | **3,704,231** | **791,628** | **-** | **4,495,859** |
| **Total eligible own funds to cover the SCR (after limit deductions)** | **3,704,231** | **791,628** | **-** | **4,495,859** |
| **Total eligible own funds to cover the MCR (after limit deductions)** | **3,704,231** | **136,354** | **-** | **3,840,585** |

## SGL SE

| In EUR thousands | Tier 1 | Tier 2 | Tier 3 | Total |
|---|---|---|---|---|
| | As at December 31, 2016 | | | |
| **Basic own funds** | **4,179,873** | **803,527** | **-** | **4,983,400** |
| Ordinary share capital | 287,040 | - | - | 287,040 |
| Share premium | 179,282 | - | - | 179,282 |
| Reconciliation reserve | 3,505,728 | - | - | 3,505,728 |
| Economic adjustments | 3,276,125 | - | - | 3,276,125 |
| Statutory reserves | 103,485 | - | - | 103,485 |
| Net income for the year | 126,118 | - | - | 126,118 |
| Subordinated liabilities | 207,823 | 803,527 | - | 1,011,350 |
| **Total available own funds** | **4,179,873** | **803,527** | **-** | **4,983,400** |
| **Total eligible own funds to cover the SCR (after limit deductions)** | **4,179,873** | **803,527** | **-** | **4,983,400** |
| **Total eligible own funds to cover the MCR (after limit deductions)** | **4,179,873** | **803,527** | | **4,983,400** |

SGL SE considers all its basic own funds, identified in line with Solvency II rules and resulting from economic adjustments to SGL SE's equity, as available and eligible to cover the SCR.

The table above presents the components of basic own funds. SGL SE does not recognize any ancillary own funds. Ordinary paid-in share capital and the related share premium of SGL SE are classified as tier 1 basic own funds. The components of the reconciliation reserve are also classified as tier 1 basic own funds.

The reconciliation reserve represents the reserves from the 2017 financial statements of SGL SE, and the economic valuation differences. The reconciliation reserve is adjusted for foreseeable dividends. The economic valuation differences result from adjustments made to the statutory balance sheet to arrive at the economic value of all assets and liabilities recognized in the Solvency II EBS.

As at December 31, 2017, the foreseeable dividend amounts to EUR 100 million. As a reminder, there was no dividend payment planned as at December 31, 2016 as the entity made a reserve distribution of EUR 100 million prior to year-end.

Total eligible own funds as at December 31, 2017 (EUR 4,596 million) decreased by EUR 488 million compared to December 31, 2016 (EUR 4,983 million). The main change in the own funds during 2017 relates to a reduction in the economic adjustments (EUR 503 million). The key driver for the reduction was the negative USD/EUR FX impact on the participations.

Subordinated liabilities represent loans to the benefit of SGL SE that meet the own funds recognition criteria. Subordinated liabilities are classified into tiers based on terms and conditions as specified in each debt instrument's contract. The first loan from SCOR SE could be used to meet up to 50% of the solvency margin under Solvency I rules. Therefore, it can be classified as tier 1 capital under Solvency II until 2025. The second loan from SCOR SE, issued in 2016, meets the Solvency II tier 2 criteria as defined by Article 73 of the Delegated Acts. The loan from SHS AG could be used to meet up to 25% of the solvency margin under Solvency I rules, therefore it can be classified as tier 2 capital under Solvency II until 2025 according to the transitional arrangements.

The table below presents the subordinated loans included in basic own funds.

## SGL SE

| Lender/Borrower<br>*In EUR thousands* | Outstanding amount | Issue date | Maturity date | Tier | Optional redemption: First call date | Optional redemption: Call dates thereafter(2) |
|---|---|---|---|---|---|---|
| | As at December 31, 2017 | | | | | |
| SCOR SE/SGL SE | 201,678 | 09/30/2013 | Perpetuity | 1(1) | 11/30/2018 | Bi-annually |
| SCOR SE/SGL SE | 529,784 | 06/08/2016 | 06/08/2046 | 2 | 06/08/2026 | Yearly |
| SCOR Holding Switzerland/SGL SE | 231,000 | 09/30/2010 | 09/30/2020 | 2(1) | | |

*(1) Benefiting from transitional measures for tiering of subordinated liabilities until 2025.*
*(2) At any interest payment date.*

### E.4.1.2. ELIGIBILITY OF OWN FUN DS

Regulatory capital under Solvency II is classified into three tiers as described in the Group Section E.1.1.1 – Own funds structure).

The application of certain limits (as described in the Group Section E.1.1.2 – Eligibility of own funds) determines the eligible own funds of SGL SE. As at December 31, 2017, none of those limits are exceeded by SGL SE.

### E.4.1.3. RECONCILIATION WITH SHAREHOLDERS' EQUITY

The table below presents the differences between the shareholders' equity in the 2017 and 2016 financial statements of SGL SE prepared under French GAAP and the net assets over liabilities as calculated for solvency purposes and presented in the EBS (see Appendix D, QRT S.02.01.02, presenting SGL SE EBS).

#### SGL SE

**As at December 31, 2017**
*In EUR thousands*

| | |
|---|---|
| **Statutory French GAAP – Shareholders' equity** | **825,410** |
| **Economic adjustments** | **2,773,457** |
| Goodwill | (321,750) |
| Other intangible assets | (4,533) |
| Investments | 2,559,134 |
| Net technical balances | 624,619 |
| Net technical balances, excluding risk margin – Life | 1,323,253 |
| Risk margin – Life | (698,634) |
| Financial liabilities | (25,624) |
| Deferred taxes | (55,104) |
| Other assets and liabilities | (3,285) |
| **Excess of assets over liabilities in the Solvency II EBS** | **3,598,867** |
| Subordinated liabilities | 996,992 |
| **TOTAL AVAILABLE OWN FUNDS** | **4,495,859** |

The economic adjustments represent revaluations necessary to restate all assets and liabilities of SGL SE calculated in accordance with French GAAP to their economic values as required under Solvency II rules. For further details on valuation principles and differences, see Chapter D – Valuation for solvency purposes, Sections D.1.12 – SGL SE – Additional information on the valuation of assets, D.2.5 – SGL SE – Additional information on the valuation of technical provisions and D.3.8 – SGL SE – Additional information on the valuation of other liabilities.

## E.4.2. SOLVENCY CAPITAL REQUIREMENT AND MINIMUM CAPITAL REQUIREMENT

### E.4.2.1. SCR BY RISK COMPONENT

SGL SE applies an internal model which is consistent with that of the Group, therefore the risk categories are the same as those described in the Group SFCR, except in relation to P&C underwriting risks which are not relevant for SGL SE.

The table below shows the standalone 0.5% Value-at-Risk for each risk category, and the diversification and tax components. The risk categories are described in Group Section E.1.4.1 – Overview of the internal model.

**SGL SE**

| *In EUR thousands* | 0.5% VaR as at December 31, 2017 | 0.5% VaR as at December 31, 2016 | Changes from 2016 to 2017 |
|---|---|---|---|
| Life underwriting | 2,969,209 | 3,418,455 | (449,246) |
| Market | 1,362,586 | 1,602,193 | (239,607) |
| Credit | 317,900 | 461,000 | (143,100) |
| Operational | 160,479 | 165,893 | (5,414) |
| **Required capital before diversification** | **4,810,174** | **5,647,541** | **(837,367)** |
| Diversification | (1,728,312) | (2,143,778) | 415,466 |
| Taxes | (354,779) | (312,000) | (42,779) |
| **SCR** | **2,727,084** | **3,191,763** | **(464,679)** |

Life underwriting standalone risk has decreased by EUR (449) million from December 31, 2016. This was driven by economic developments (primarily weaker USD) which more than offset the business update. The business update includes business growth, and which itself was more than offset by a reduction in risk from the actualization of an internal reinsurance arrangement covering SGL SE's Irish subsidiary.

Market standalone risk includes invested assets, FX and interest rate risk, and has decreased by EUR (240) million compared to December 31, 2016. This includes changes in exposure from economic developments (primarily weaker USD) which more than offset the increases from business updates and changes in asset mix.

Credit standalone risk has decreased by EUR (143) million compared to December 31, 2016 due to reduced credit spreads. Credit risk benefits from a strong diversification with other risks and thus this reduction has limited effect on the post-diversification risk.

Operational standalone risk shows a slight decrease from the prior year end.

Required capital before diversification between risk categories and tax has decreased by EUR (837) million compared to December 31, 2016.

The loss absorbency benefit of taxes has increased by EUR (43) million compared to December 31, 2016.

### E.4.2.2. MINIMUM CAPITAL REQUIREMENT

The table below presents the MCR calculation based on the internal model SCR:

**SGL SE**

| *In EUR thousands* | December 31, 2017 | December 31, 2016 | Variation | % Variation |
|---|---|---|---|---|
| MCR Minimum (25% of SCR) | 681,771 | 797,941 | (116,170) | (15%) |
| MCR Linear | 491,133 | 468,276 | 22,857 | 5% |
| MCR Maximum (45% of SCR) | 1,227,188 | 1,436,293 | (209,105) | (15%) |
| **MCR WITH INTERNAL MODEL CAP & FLOOR** | **681,771** | **797,941** | **(116,170)** | **(15%)** |

The life linear Minimum Capital Requirement (MCR) is obtained by applying predefined factors to the net best estimate technical provisions classified by product type as well as to the capital at risk for all life exposures. The MCR is the result of this specified linear formula subject to a floor of 25% and a cap of 45% of the SCR calculated based on the internal model.

The MCR for SGL SE is equal to the floor, being the minimum level of the MCR, i.e. 25% of the internal model SCR.

## E.4.3. USE OF THE DURATION-BASED EQUITY RISK SUB-MODULE IN THE CALCULATION OF THE SOLVENCY CAPITAL REQUIREMENT

SGL SE does not use the duration-based equity risk sub-module in the calculation of the solvency capital requirement.

## E.4.4. DIFFERENCES BETWEEN THE STANDARD FORMULA AND ANY INTERNAL MODEL USED

SGL SE applies the same internal model across the Group. The description provided in the Group Section E.1.4 – Differences between the standard formula and any internal model used, applies to the entire Group, including SGL SE, but includes aspects such as modeling of property and casualty risk, which are not relevant for SGL SE.

## E.4.5. NON-COMPLIANCE WITH THE MINIMUM CAPITAL REQUIREMENT AND NON-COMPLIANCE WITH THE SOLVENCY CAPITAL REQUIREMENT

SGL SE is subject to the same risk control cycle as SCOR Group.

SGL SE and all legal entities belonging to SGL SE subject to Solvency II have been compliant with the MCR and the SCR requirement throughout the periods covered by this report.

## E.4.6. ANY OTHER INFORMATION

No material information is reported regarding SGL SE's capital management other than that presented above in Section E.4 – SGL SE.

# APPENDIX A

# SCOR GROUP PUBLIC DISCLOSURE QRTS

## S.02.01.02 – BALANCE SHEET

### SCOR Group

**Assets as at December 31, 2017**

| *In EUR thousands* | **Solvency II value** |
|---|---|
| **Intangible assets** | **97,667** |
| **Deferred tax assets** | **532,601** |
| **Pension benefit surplus** | **-** |
| **Property, plant and equipment held for own use** | **722,440** |
| **Investments** | **19,087,406** |
| Property (other than for own use) | 861,188 |
| Participations and related undertakings | 61,640 |
| Equities | 682,897 |
| Equities – listed | 106,055 |
| Equities – unlisted | 576,842 |
| Bonds | 15,327,732 |
| Government bonds | 4,329,980 |
| Corporate bonds | 10,079,359 |
| Structured notes | 18,241 |
| Collateralised securities | 900,152 |
| Collective Investments Undertakings | 1,503,443 |
| Derivatives | 114,263 |
| Deposits other than cash equivalents | 533,974 |
| Other investments | 2,269 |
| **Assets held for index-linked and unit-linked contracts** | **-** |
| **Loans and mortgages** | **1,846,282** |
| Loans on policies | 25,385 |
| Loans and mortgages to individuals | - |
| Other loans and mortgages | 1,820,897 |
| **Reinsurance recoverables** | **892,676** |
| Non-Life and Health similar to Non-Life | 1,056,593 |
| Non-Life excluding Health | 1,056,048 |
| Health similar to Non-Life | 545 |
| Life and Health similar to Life, excluding Health and index-linked and unit-linked | (163,917) |
| Health similar to Life | 100,738 |
| Life excluding Health and index-linked and unit-linked | (264,655) |
| Life index-linked and unit-linked | - |
| **Deposits to cedents** | **8,833,588** |
| **Insurance and intermediaries receivables** | **1,329,249** |
| **Reinsurance receivables** | **145,564** |
| **Receivables (trade, not insurance)** | **422,876** |
| **Own shares** | **196,813** |
| **Amounts due in respect of own fund items or initial fund called up but not yet paid in** | **-** |
| **Cash and cash equivalents** | **1,000,659** |
| **Any other assets, not elsewhere shown** | **30,540** |
| **TOTAL ASSETS** | **35,138,361** |

## SCOR Group

**Liabilities as at December 31, 2017**

| *In EUR thousands* | **Solvency II value** |
|---|---|
| **Technical provisions – Non-Life** | **11,510,726** |
| Technical provisions – Non-Life (excluding Health) | 11,296,885 |
| TP calculated as a whole | - |
| Best estimate | 10,795,206 |
| Risk margin | 501,679 |
| Technical provisions – Health (similar to Non-Life) | 213,841 |
| TP calculated as a whole | - |
| Best estimate | 201,349 |
| Risk margin | 12,492 |
| **Technical provisions – Life (excluding index-linked and unit-linked)** | **8,122,880** |
| Technical provisions – Health (similar to Life) | 2,937,622 |
| TP calculated as a whole | - |
| Best estimate | 2,651,761 |
| Risk margin | 285,861 |
| Technical provisions – Life (excluding Health and index-linked and unit-linked) | 5,185,258 |
| TP calculated as a whole | - |
| Best estimate | 2,374,146 |
| Risk margin | 2,811,112 |
| **Technical provisions – index-linked and unit-linked funds** | **-** |
| TP calculated as a whole | - |
| Best estimate | - |
| Risk margin | - |
| **Other technical provisions** | **-** |
| **Contingent liabilities** | **-** |
| **Provisions other than technical provisions** | **21,177** |
| **Pension benefit obligations** | **182,422** |
| **Deposits from reinsurers** | **671,983** |
| **Deferred tax liabilities** | **560,395** |
| **Derivatives** | **27,962** |
| **Debts owed to credit institutions** | **487,200** |
| **Financial liabilities other than debts owed to credit institutions** | **254,684** |
| **Insurance and intermediaries payables** | **791,981** |
| **Reinsurance payables** | **45,652** |
| **Payables (trade, not insurance)** | **2,509,384** |
| **Subordinated liabilities** | **2,227,080** |
| Subordinated liabilities not in basic own funds | - |
| Subordinated liabilities in basic own funds | 2,227,080 |
| **Any other liabilities, not elsewhere shown** | **232,518** |
| **TOTAL LIABILITIES** | **27,646,044** |
| **EXCESS OF ASSETS OVER LIABILITIES** | **7,492,317** |

## S.05.01.02 – NON-LIFE PREMIUMS, CLAIMS AND EXPENSES BY LINE OF BUSINESS

### SCOR Group

| | Line of business* for Non-Life insurance and reinsurance obligations (direct business and accepted proportional reinsurance) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **As at December 31, 2017** *In EUR thousands* | **Income protection insurance** | **Workers' compensation insurance** | **Motor vehicle liability insurance** | **Marine, aviation and transport insurance** | **Fire and other damage to property insurance** | **General liability insurance** | **Credit and suretyship insurance** | **Miscellaneous financial loss** |
| **Premiums written** | | | | | | | | |
| Gross – Direct business | 28,832 | - | 14,835 | 184,119 | 725,992 | 233,403 | 52,524 | (903) |
| Gross – Proportional reinsurance accepted | 25,481 | 556 | 395,399 | 176,749 | 1,618,011 | 462,618 | 317,336 | 63,501 |
| Gross – Non-proportional reinsurance accepted | | | | | | | | |
| Reinsurers' share | 6,060 | - | 267 | 78,125 | 197,646 | 29,273 | 10,035 | 133 |
| Net | 48,253 | 556 | 409,967 | 282,743 | 2,146,357 | 666,748 | 359,825 | 62,465 |
| **Premiums earned** | | | | | | | | |
| Gross – Direct business | 27,974 | - | 11,022 | 215,128 | 652,200 | 204,085 | 27,427 | (901) |
| Gross – Proportional reinsurance accepted | 26,910 | 756 | 460,786 | 177,054 | 1,607,142 | 397,912 | 298,134 | 36,186 |
| Gross – Non-proportional reinsurance accepted | | | | | | | | |
| Reinsurers' share | 6,104 | - | 423 | 86,215 | 194,263 | 27,491 | 5,940 | 78 |
| Net | 48,780 | 756 | 471,385 | 305,967 | 2,065,079 | 574,506 | 319,621 | 35,207 |
| **Claims incurred** | | | | | | | | |
| Gross – Direct business | 24,612 | - | 10,230 | 191,271 | 783,847 | 226,245 | 30,807 | (3,220) |
| Gross – Proportional reinsurance accepted | 13,842 | (7,023) | 291,265 | 86,459 | 1,167,755 | 216,470 | 187,781 | 21,645 |
| Gross – Non-proportional reinsurance accepted | | | | | | | | |
| Reinsurers' share | 9,966 | - | 3,248 | 90,986 | 342,772 | 76,341 | 12,900 | (328) |
| Net | 28,488 | (7,023) | 298,247 | 186,744 | 1,608,830 | 366,374 | 205,688 | 18,753 |
| **Changes in other technical provisions** | | | | | | | | |
| Gross – Direct business | - | - | - | - | - | - | - | - |
| Gross – Proportional reinsurance accepted | - | - | - | - | - | - | - | - |
| Gross – Non-proportional reinsurance accepted | | | | | | | | |
| Reinsurers' share | - | - | - | - | - | - | - | - |
| Net | - | - | - | - | - | - | - | - |
| **Expenses incurred** | **21,248** | **1,160** | **180,719** | **117,608** | **769,384** | **207,249** | **129,633** | **10,822** |
| **Other expenses** | | | | | | | | |
| **TOTAL EXPENSES** | | | | | | | | |

* *The table above presents lines of business applicable to SCOR.*

## S.05.01.02 – NON-LIFE PREMIUMS, CLAIMS AND EXPENSES BY LINE OF BUSINESS (CONTINUED)

### SCOR Group

| As at December 31, 2017<br>*In EUR thousands* | Line of business for accepted non-proportional reinsurance<br>Health | Casualty | Marine, aviation, transport | Property | Total |
|---|---|---|---|---|---|
| **Premiums written** | | | | | |
| Gross – Direct business | | | | | 1,238,802 |
| Gross – Proportional reinsurance accepted | | | | | 3,059,651 |
| Gross – Non-proportional reinsurance accepted | 12,452 | 388,090 | 91,251 | 1,235,354 | 1,727,147 |
| Reinsurers' share | 470 | 4,872 | 6,701 | 291,971 | 625,553 |
| Net | 11,982 | 383,218 | 84,550 | 943,383 | 5,400,047 |
| **Premiums earned** | | | | | |
| Gross – Direct business | | | | | 1,136,935 |
| Gross – Proportional reinsurance accepted | | | | | 3,004,880 |
| Gross – Non-proportional reinsurance accepted | 12,538 | 378,597 | 91,989 | 1,235,247 | 1,718,371 |
| Reinsurers' share | 291 | 4,662 | 6,857 | 285,219 | 617,543 |
| Net | 12,247 | 373,935 | 85,132 | 950,028 | 5,242,643 |
| **Claims incurred** | | | | | |
| Gross – Direct business | | | | | 1,263,792 |
| Gross – Proportional reinsurance accepted | | | | | 1,978,194 |
| Gross – Non-proportional reinsurance accepted | 7,739 | 308,766 | 26,178 | 946,844 | 1,289,527 |
| Reinsurers' share | 148 | 3,417 | 5,959 | 297,521 | 842,930 |
| Net | 7,591 | 305,349 | 20,219 | 649,323 | 3,688,583 |
| **Changes in other technical provisions** | | | | | |
| Gross – Direct business | | | | | - |
| Gross – Proportional reinsurance accepted | | | | | - |
| Gross – Non-proportional reinsurance accepted | - | - | - | - | - |
| Reinsurers' share | - | - | - | - | - |
| Net | - | - | - | - | - |
| **Expenses incurred** | **3,570** | **95,429** | **23,041** | **259,287** | **1,819,150** |
| **Other expenses** | | | | | **64,345** |
| **TOTAL EXPENSES** | | | | | **1,883,495** |

## S.05.01.02 – LIFE PREMIUMS, CLAIMS AND EXPENSES BY LINE OF BUSINESS

### SCOR Group

| As at December 31, 2017<br>*In EUR thousands* | Line of business* for Life reinsurance obligations<br>Health reinsurance | <br>Life reinsurance | Total |
|---|---|---|---|
| **Premiums written** | | | |
| Gross | 1,935,502 | 6,828,285 | 8,763,787 |
| Reinsurers' share | 151,262 | 547,799 | 699,061 |
| Net | 1,784,240 | 6,280,486 | 8,064,726 |
| **Premiums earned** | | | |
| Gross | 1,910,792 | 6,827,144 | 8,737,936 |
| Reinsurers' share | 151,454 | 547,799 | 699,253 |
| Net | 1,759,338 | 6,279,345 | 8,038,683 |
| **Claims incurred** | | | |
| Gross | 1,474,408 | 5,900,955 | 7,375,363 |
| Reinsurers' share | 94,067 | 641,922 | 735,989 |
| Net | 1,380,341 | 5,259,033 | 6,639,374 |
| **Changes in other technical provisions** | | | |
| Gross | - | - | - |
| Reinsurers' share | - | - | - |
| Net | - | - | - |
| **Expenses incurred** | **416,651** | **896,437** | **1,313,088** |
| **Other expenses** | | | **80,512** |
| **TOTAL EXPENSES** | | | **1,393,600** |

* *The table above presents lines of business applicable to SCOR.*

## S.05.02.01 – NON-LIFE PREMIUMS, CLAIMS AND EXPENSES BY COUNTRY

### SCOR Group

| As at December 31, 2017<br>*In EUR thousands* | Home country* | Top 5 countries (by amount of gross premiums written) – Non-Life obligations<br>(US) United States | (GB) United Kingdom | (CN) China | (DE) Germany | (IT) Italy | Total Top 5 and home country |
|---|---|---|---|---|---|---|---|
| **Premiums written** | | | | | | | |
| Gross – Direct business | 72,947 | 395,525 | 680,880 | 403 | 14,231 | 5,752 | 1,169,738 |
| Gross – Proportional reinsurance accepted | 146,140 | 744,026 | 93,717 | 442,207 | 205,817 | 116,763 | 1,748,670 |
| Gross – Non-proportional reinsurance accepted | 165,894 | 455,606 | 96,891 | 36,060 | 80,773 | 46,679 | 881,903 |
| Reinsurers' share | 266,203 | 85,656 | 131,938 | 57,040 | 146 | 1,296 | 542,279 |
| Net | 118,778 | 1,509,501 | 739,550 | 421,630 | 300,675 | 167,898 | 3,258,032 |
| **Premiums earned** | | | | | | | |
| Gross – Direct business | 76,921 | 335,336 | 636,861 | 270 | 13,705 | 6,383 | 1,069,476 |
| Gross – Proportional reinsurance accepted | 138,408 | 671,232 | 107,387 | 460,776 | 212,765 | 119,784 | 1,710,352 |
| Gross – Non-proportional reinsurance accepted | 160,113 | 450,838 | 93,517 | 28,669 | 82,683 | 46,629 | 862,449 |
| Reinsurers' share | 259,494 | 73,019 | 145,089 | 57,001 | 221 | 1,075 | 535,899 |
| Net | 115,948 | 1,384,387 | 692,676 | 432,714 | 308,932 | 171,721 | 3,106,378 |
| **Claims incurred** | | | | | | | |
| Gross – Direct business | 68,613 | 446,067 | 665,795 | 2,789 | 6,392 | 5,213 | 1,194,869 |
| Gross – Proportional reinsurance accepted | 85,767 | 498,478 | 52,371 | 318,564 | 139,732 | 65,173 | 1,160,085 |
| Gross – Non-proportional reinsurance accepted | 59,073 | 553,066 | 104,181 | 10,893 | 29,513 | 37,307 | 794,033 |
| Reinsurers' share | 314,892 | 105,721 | 321,236 | 881 | (1,685) | 240 | 741,285 |
| Net | (101,439) | 1,391,890 | 501,111 | 331,365 | 177,322 | 107,453 | 2,407,702 |
| **Changes in other technical provisions** | | | | | | | |
| Gross – Direct business | - | - | - | - | - | - | - |
| Gross – Proportional reinsurance accepted | - | - | - | - | - | - | - |
| Gross – Non-proportional reinsurance accepted | - | - | - | - | - | - | - |
| Reinsurers' share | - | - | - | - | - | - | - |
| Net | - | - | - | - | - | - | - |
| **Expenses incurred** | **120,184** | **446,158** | **278,331** | **199,602** | **89,357** | **50,715** | **1,184,347** |
| **Other expenses** | | | | | | | **-** |
| **TOTAL EXPENSES** | | | | | | | **1,184,347** |

* *France.*

## S.05.02.01 – LIFE PREMIUMS, CLAIMS AND EXPENSES BY COUNTRY

### SCOR Group

| As at December 31, 2017<br>*In EUR thousands* | Home country* | Top 5 countries (by amount of gross premiums written) – Life obligations<br>(US)<br>United States | (GB)<br>United Kingdom | (KR)<br>Korea, Republic of | (BM)<br>Bermuda | (DE)<br>Germany | Total Top 5 and home country |
|---|---|---|---|---|---|---|---|
| **Premiums written** | | | | | | | |
| Gross | 543,065 | 3,894,669 | 854,630 | 753,568 | 340,196 | 272,489 | 6,658,617 |
| Reinsurers' share | 69,595 | 443,037 | 2,661 | 62,204 | 163 | 2,846 | 580,506 |
| Net | 473,470 | 3,451,632 | 851,969 | 691,364 | 340,033 | 269,643 | 6,078,111 |
| **Premiums earned** | | | | | | | |
| Gross | 543,448 | 3,894,715 | 854,630 | 752,972 | 340,196 | 279,517 | 6,665,478 |
| Reinsurers' share | 69,640 | 443,037 | 2,661 | 62,319 | 163 | 2,851 | 580,671 |
| Net | 473,808 | 3,451,678 | 851,969 | 690,653 | 340,033 | 276,666 | 6,084,807 |
| **Claims incurred** | | | | | | | |
| Gross | 350,871 | 3,804,954 | 783,076 | 689,725 | 14,247 | 269,866 | 5,912,739 |
| Reinsurers' share | 32,718 | 586,319 | 360 | 54,419 | 51 | 2,725 | 676,592 |
| Net | 318,153 | 3,218,635 | 782,716 | 635,306 | 14,196 | 267,141 | 5,236,147 |
| **Changes in other technical provisions** | | | | | | | |
| Gross | - | - | - | - | - | - | - |
| Reinsurers' share | - | - | - | - | - | - | - |
| Net | - | - | - | - | - | - | - |
| **Expenses incurred** | **178,191** | **120,362** | **38,468** | **50,139** | **350,325** | **68,780** | **806,265** |
| **Other expenses** | | | | | | | **61,598** |
| **TOTAL EXPENSES** | | | | | | | **867,863** |

* *France.*

## S.23.01.22 – OWN FUNDS

### SCOR Group

| As at December 31, 2017 *In EUR thousands* | Total | Tier 1 – unrestricted | Tier 1 – restricted | Tier 2 | Tier 3 |
|---|---|---|---|---|---|
| **Basic own funds before deduction for participations in other financial sector** | | | | | |
| Ordinary share capital (gross of own shares) | 1,524,197 | 1,524,197 | | - | |
| Non-available called but not paid in ordinary share capital at Group level | - | - | | - | |
| Share premium account related to ordinary share capital | 838,515 | 838,515 | | - | |
| Initial funds, members' contributions or the equivalent basic own – fund item for mutual and mutual-type undertakings | - | - | | - | |
| Subordinated mutual member accounts | - | | - | - | - |
| Non-available subordinated mutual member accounts at Group level | - | | - | - | - |
| Surplus funds | - | - | | | |
| Non-available surplus funds at Group level | - | - | | | |
| Preference shares | - | | - | - | - |
| Non-available preference shares at Group level | - | | - | - | - |
| Share premium account related to preference shares | - | | - | - | - |
| Non-available share premium account related to preference shares at Group level | - | | - | - | - |
| **Reconciliation reserve** | **4,594,679** | **4,594,679** | | | |
| Subordinated liabilities | 2,227,080 | | 861,930 | 1,365,150 | - |
| Non-available subordinated liabilities at Group level | - | | - | - | - |
| An amount equal to the value of net deferred tax assets | - | | | | - |
| The amount equal to the value of net deferred tax assets not available at the Group level | - | | | | - |
| Other items approved by supervisory authority as basic own funds not specified above | - | - | - | - | - |
| Non available own funds related to other own funds items approved by supervisory authority | - | - | - | - | - |
| Minority interests (if not reported as part of a specific own fund item) | - | - | - | - | - |
| Non-available minority interests at Group level | - | - | - | - | - |
| **Own funds from the financial statements that should not be represented by the reconciliation reserve and do not meet the criteria to be classified as Solvency II own funds** | | | | | |
| Own funds from the financial statements that should not be represented by the reconciliation reserve and do not meet the criteria to be classified as Solvency II own funds | - | - | | | |
| **Deductions** | | | | | |
| Deductions for participations in other financial undertakings, including non-regulated undertakings carrying out financial activities | - | - | - | - | |
| Whereof deducted according to art 228 of the Directive 2009/138/EC | - | - | - | - | - |
| Deductions for participations where there is non-availability of information (Article 229) | - | - | - | - | - |
| Deduction for participations included by using D&A when a combination of methods is used | - | - | - | - | - |
| Total of non-available own fund items | - | - | - | - | - |
| **Total deductions** | **-** | **-** | **-** | **-** | **-** |
| **TOTAL BASIC OWN FUNDS AFTER DEDUCTIONS** | **9,184,471** | **6,957,391** | **861,930** | **1,365,150** | **-** |

## S.23.01.22 – OWN FUNDS (CONTINUED)

### SCOR Group

| As at December 31, 2017<br>*In EUR thousands* | Total | Tier 1 – unrestricted | Tier 1 – restricted | Tier 2 | Tier 3 |
|---|---|---|---|---|---|
| **Ancillary own funds** | | | | | |
| Unpaid and uncalled ordinary share capital callable on demand | - | | | - | |
| Unpaid and uncalled initial funds, members' contributions or the equivalent basic own fund item for mutual and mutual – type undertakings, callable on demand | - | | | - | |
| Unpaid and uncalled preference shares callable on demand | - | | | - | - |
| Letters of credit and guarantees other than under Article 96(2) of the Directive 2009/138/EC | - | | | | |
| Letters of credit and guarantees under Article 96(2) of the Directive 2009/138/EC | - | | | - | |
| Supplementary members calls under first subparagraph of Article 96(3) of the Directive 2009/138/EC | - | | | - | - |
| Supplementary members calls – other than under first subparagraph of Article 96(3) of the Directive 2009/138/EC | - | | | - | - |
| Non available ancillary own funds at Group level | - | | | - | - |
| Other ancillary own funds | - | | | - | - |
| **Total ancillary own funds** | **-** | | | **-** | **-** |
| **Own funds of other financial sectors** | | | | | |
| **Reconciliation reserve** | **-** | **-** | **-** | **-** | |
| Institutions for occupational retirement provision | - | - | - | - | - |
| Non regulated entities carrying out financial activities | - | - | - | - | |
| Total own funds of other financial sectors | - | - | - | - | |
| **Own funds when using the D&A, exclusively or in combination of method 1** | | | | | |
| Own funds aggregated when using the D&A and combination of method | - | - | - | - | - |
| Own funds aggregated when using the D&A and a combination of method net of IGT | - | - | - | - | - |
| Total available own funds to meet the consolidated group SCR (excluding own funds from other financial sector and from the undertakings included via D&A) | 9,184,471 | 6,957,391 | 861,930 | 1,365,150 | - |
| Total available own funds to meet the minimum consolidated group SCR | 9,184,471 | 6,957,391 | 861,930 | 1,365,150 | |
| Total eligible own funds to meet the consolidated group SCR (excluding own funds from other financial sector and from the undertakings included via D&A) | 9,184,471 | 6,957,391 | 861,930 | 1,365,150 | - |
| Total eligible own funds to meet the minimum consolidated group SCR | 8,464,316 | 6,957,391 | 861,930 | 644,995 | |
| **Minimum consolidated group SCR** | **3,224,974** | | | | |
| **Ratio of eligible own funds to minimum consolidated group SCR** | **262.46%** | | | | |
| **Total eligible own funds to meet the group SCR (including own funds from other financial sector and from the undertakings included via D&A)** | **9,184,471** | **6,957,391** | **861,930** | **1,365,150** | **-** |
| **Group SCR** | **4,316,980** | | | | |
| **RATIO OF ELIGIBLE OWN FUNDS TO GROUP SCR INCLUDING OTHER FINANCIAL SECTORS AND THE UNDERTAKINGS INCLUDED VIA D&A** | **212.75%** | | | | |

## S.23.01.22 – OWN FUNDS (CONTINUED)

### SCOR Group

| As at December 31, 2017<br>*In EUR thousands* | Total |
|---|---|
| **Reconciliation reserve** | |
| Excess of assets over liabilities | 7,492,317 |
| Own shares (held directly or indirectly) | 196,813 |
| Foreseeable dividends, distributions and charges | 308,000 |
| Other basic own fund items | 2,362,711 |
| Adjustment for restricted own fund items in respect of matching adjustment portfolios and ring fenced funds | - |
| Other non available own funds | 30,114 |
| **Reconciliation reserve before deduction for participations in other financial sector** | **4,594,679** |
| **Expected profits** | |
| Expected profits included in future premiums (EPIFP) – Life business | 3,751,240 |
| Expected profits included in future premiums (EPIFP) – Non-Life business | 265,949 |
| **TOTAL EXPECTED PROFITS INCLUDED IN FUTURE PREMIUMS (EPIFP)** | **4,017,189** |

## S.25.03.22 – SOLVENCY CAPITAL REQUIREMENT – FOR GROUPS ON FULL INTERNAL MODELS

| Unique number of component | Components description | Calculation of the Solvency Capital Requirement |
|---|---|---|
| P&C underwriting | Non-Life | 3,219,957 |
| Life underwriting | Life | 3,236,448 |
| Market | Credit | 1,867,844 |
| Credit | Asset | 361,455 |
| Operational | | 269,086 |

| | |
|---|---|
| **Calculation of Solvency Capital Requirement (SCR)** | |
| Total undiversified components | 8,954,790 |
| Diversification | (4,204,235) |
| Capital requirement for business operated in accordance with Art. 4 of Directive 2003/41/EC (transitional) | - |
| **Solvency Capital Requirement excluding capital add-on** | **4,316,980** |
| Capital add-ons already set | - |
| **Solvency Capital Requirement** | **4,316,980** |
| **Other information on SCR** | |
| Amount/estimate of the overall loss-absorbing capacity of technical provisions | - |
| Amount/estimate of the overall loss-absorbing capacity of deferred taxes | (433,575) |
| Total amount of Notional Solvency Capital Requirements for remaining part | - |
| Total amount of Notional Solvency Capital Requirements for ring fenced funds (other than those related to business operated in accordance with Art. 4 of Directive 2003/41/EC (transitional)) | - |
| Total amount of Notional Solvency Capital Requirement for matching adjustment portfolios | - |
| Diversification effects due to RFF nSCR aggregation for Article 304 | - |
| Minimum consolidated group Solvency Capital Requirement | 3,224,974 |
| **Information on other entities** | |
| Capital requirement for other financial sectors (Non-insurance capital requirements) | - |
| Capital requirement for other financial sectors (Non-insurance capital requirements) – Credit institutions, investment firms and financial institutions, alternative investment funds managers, UCITS management companies | - |
| Capital requirement for other financial sectors (Non-insurance capital requirements) – Institutions for occupational retirement provisions | - |
| Capital requirement for other financial sectors (Non-insurance capital requirements) – Capital requirement for non-regulated entities carrying out financial activities | - |
| Capital requirement for non-controlled participation requirements | - |
| Capital requirement for residual undertakings | - |

## S.32.01.22 – UNDERTAKINGS IN THE SCOPE OF GROUP

| # | Country | Identification code of the undertaking | Type of code | Legal name of the undertaking | Type of undertaking | Legal form | Category (mutual/non mutual) | Supervisory Authority |
|---|---|---|---|---|---|---|---|---|
| 1 | GUERNSEY | 19141 | Specific code | SCOR CHANNEL LTD | 3 – Reinsurance undertaking | Private limited company | 2 – Non-mutual | Guernsey Financial Services Commission |
| 2 | UNITED KINGDOM | 213800W8TBHPHBJUGG71 | LEI | SCOR UK COMPANY LTD | 3 – Reinsurance undertaking | Private limited company | 2 – Non-mutual | PRA |
| 3 | UNITED KINGDOM | 213800JN6NCZPQPESY30 | LEI | SCOR UK Group LTD | 5 – Insurance holding company | Private limited company | 2 – Non-mutual | Not required |
| 4 | UNITED KINGDOM | 213800A1PT5R11FGW746 | LEI | SCOR UNDERWRITING LTD | 3 – Reinsurance undertaking | Private limited company | 2 – Non-mutual | Not required |
| 5 | IRELAND | 5493004I0CZG2UGXX055 | LEI | SCOR Management Services Ireland Ltd | 99 – Other | Private limited company | 2 – Non-mutual | Not required |
| 6 | SWITZERLAND | 549300MVEPZ34PA36O27 | LEI | AH Real Estate Switzerland AG | 99 – Other | Aktiengesellschaft | 2 – Non-mutual | Not required |
| 7 | BRAZIL | 13.270.050/0001-30 | Specific code | M&S Brasil Participacoes Ltda | 5 – Insurance holding company | Sociedade a responsabilidade Limitada | 2 – Non-mutual | Not required |
| 8 | FRANCE | 969500BUR3L9PILX3R47 | LEI | SCOR Capital Partners | 99 – Other | Société anonyme/sociedad cooperative/aktsiaselts | 2 – Non-mutual | Not required |
| 9 | SINGAPORE | 201541770C | Specific code | SCOR Realty Singapore Pte Ltd | 99 – Other | Private limited company | 2 – Non-mutual | Not required |
| 10 | FRANCE | 815210877 | Specific code | SCOR PROPERTIES II | 99 – Other | Société de placement à prépondérance immobilière et à capital variable | 2 – Non-mutual | Not required |
| 11 | FRANCE | 820924553 | Specific code | 50 rue La Perouse SAS | 99 – Other | Société par Actions Simplifiées Unipersonnelles | 2 – Non-mutual | Not required |
| 12 | FRANCE | 821740735 | Specific code | SAS Euclide | 99 – Other | Société par Actions Simplifiées Unipersonnelles | 2 – Non-mutual | Not required |
| 13 | UNITED STATES | 549300IH5PLDE0Z82O22 | LEI | SCOR Advantage LLC | 99 – Other | Limited Liability Company | 2 – Non-mutual | Not required |
| 14 | FRANCE | 830853867 | Specific code | Marbot Real estate SAS | 99 – Other | Société par Actions Simplifiées | 2 – Non-mutual | Not required |
| 15 | FRANCE | 830942355 | Specific code | Marbot Management SAS | 5 – Insurance holding company | Société par Actions Simplifiées | 2 – Non-mutual | Not required |
| 16 | SWITZERLAND | 549300SKAGDVO8HMJX15 | LEI | SCOR HOLDING (SWITZERLAND) AG | 99 – Other | Aktiengesellschaft | 2 – Non-mutual | Not required |
| 17 | SWITZERLAND | 549300513226S1CFM291 | LEI | SCOR Services Switzerland AG | 10 – Ancillary services undertaking | Aktiengesellschaft | 2 – Non-mutual | Not required |
| 18 | UNITED KINGDOM | 213800JMLIIG1GCXVZ36 | LEI | SCOR HOLDING (UK) LTD | 5 – Insurance holding company | Private limited company | 2 – Non-mutual | Not required |
| 19 | FRANCE | 9695006MKWI4K9CREO15 | LEI | SCOR GLOBAL P&C SE | 3 – Reinsurance undertaking | Société européenne | 2 – Non-mutual | ACPR |
| 20 | SPAIN | 9598001M5QEYPE4FWG84 | LEI | ASEFA SA COMPANIA ESPANOLA DE SEGUROS Y REASEGUROS | 3 – Reinsurance undertaking | Sociedad Anónima | 2 – Non-mutual | Dirección General de Seguros |

## S.32.01.22 – UNDERTAKINGS IN THE SCOPE OF GROUP (CONTINUED)

| | | Criteria of influence | | | | | | Inclusion in the scope of group supervision | | Group solvency calculation |
|---|---|---|---|---|---|---|---|---|---|---|
| | Legal name of the undertaking | % capital share | % used for the establishment of consolidated accounts | % voting rights | Other criteria | Level of influence | Proportional share used for group solvency calculation | Yes/No | Date of decision if art. 214 is applied | Method used and under method 1, treatment of the undertaking |
| 1 | SCOR CHANNEL LTD | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 2 | SCOR UK COMPANY LTD | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 3 | SCOR UK Group LTD | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 4 | SCOR UNDERWRITING LTD | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 5 | SCOR Management Services Ireland Ltd | 100.00% | | 100.00% | | | | | | |
| 6 | AH Real Estate Switzerland AG | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 7 | M&S Brasil Participacoes Ltda | 49.00% | | 49.00% | Shareholders agreement | | | | | |
| 8 | SCOR Capital Partners | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 9 | SCOR Realty Singapore Pte Ltd | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 10 | SCOR PROPERTIES II | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 11 | 50 rue La Perouse SAS | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 12 | SAS Euclide | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 13 | SCOR Advantage LLC | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 14 | Marbot Real estate SAS | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 15 | Marbot Management SAS | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 16 | SCOR HOLDING (SWITZERLAND) AG | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 17 | SCOR Services Switzerland AG | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 18 | SCOR HOLDING (UK) LTD | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 19 | SCOR GLOBAL P&C SE | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 20 | ASEFA SA COMPANIA ESPANOLA DE SEGUROS Y REASEGUROS | 10.00% | 10.00% | 10.00% | Mandate – business – board membership | | 10.00% | | | |

## S.32.01.22 – UNDERTAKINGS IN THE SCOPE OF GROUP (CONTINUED)

| | Country | Identification code of the undertaking | Type of code | Legal name of the undertaking | Type of undertaking | Legal form | Category (mutual/non mutual) | Supervisory Authority |
|---|---|---|---|---|---|---|---|---|
| 21 | FRANCE | 96950056ULJ4JI7V3752 | LEI | SCOR SE | 4 – Composite undertaking | Société européenne | 2 – Non-mutual | ACPR |
| 22 | SOUTH AFRICA | 2008/010172/06 | Specific code | SCOR AFRICA LTD | 4 – Composite undertaking | (Proprietary) limited company | 2 – Non-mutual | FSB |
| 23 | FRANCE | 969500BBLUW1LJDZ3R87 | LEI | IMMOSCOR | 99 – Other | Société Civile Immobilière | 2 – Non-mutual | Not required |
| 24 | FRANCE | 969500MMT8KY705B3S38 | LEI | SCI LE BARJAC | 99 – Other | Société Civile Immobilière | 2 – Non-mutual | Not required |
| 25 | FRANCE | 969500V0NZO2NQ7KM425 | LEI | SAS 5 AVENUE KLEBER | 99 – Other | Société par Actions Simplifiées | 2 – Non-mutual | Not required |
| 26 | UNITED KINGDOM | 213800PVZ898LL2YPT61 | LEI | SCOR Lime Street Ltd | 10 – Ancillary services undertaking | Private limited company | 2 – Non-mutual | Not required |
| 27 | FRANCE | 382 778 975 | Specific code | S.C.I LEON EYROLLES CACHAN SCOR | 99 – Other | Société Civile Immobilière | 2 – Non-mutual | Not required |
| 28 | UNITED KINGDOM | 8461305 | Specific code | SCOR ASIA HOUSE LP | 10 – Ancillary services undertaking | Limited Partnership | 2 – Non-mutual | Not required |
| 29 | FRANCE | 969500O239Q7517M7V49 | LEI | SCOR AUBER | 99 – Other | Société par Actions Simplifiées Unipersonnelles | 2 – Non-mutual | Not required |
| 30 | FRANCE | 969500P17CYK25RRAR44 | LEI | SCI MARCO SPADA | 99 – Other | Société Civile Immobilière | 2 – Non-mutual | Not required |
| 31 | IRELAND | 54930034DJILAVAGB456 | LEI | SCOR GLOBAL P&C IRELAND LTD | 10 – Ancillary services undertaking | Private limited company | 2 – Non-mutual | Not required |
| 32 | IRELAND | 549300MJBW3JUHL89O66 | LEI | SCOR P&C IRELAND HOLDING LTD | 5 – Insurance holding company | Private limited company | 2 – Non-mutual | Not required |
| 33 | FRANCE | 784 698 631 | Specific code | COMPAGNIE PARISIENNE DE PARKINGS | 99 – Other | Société Civile Immobilière | 2 – Non-mutual | Not required |
| 34 | FRANCE | 969500BJLZOGFUSE3D73 | LEI | SCOR INVESTMENTS PARTNERS SE | 8 – Credit institution, investment firm and financial institution | Limited Company | 2 – Non-mutual | AMF |
| 35 | RUSSIAN FEDERATION | 508774666 4 814 | Specific code | SCOR PERESTRAKHOVANIYE | 4 – Composite undertaking | Общества с ограниченнойответственностью (Limited Company) | 2 – Non-mutual | Central Bank of Russia |
| 36 | FRANCE | 549300DNW09YL97XAJ73 | LEI | DB CARAVELLE | 99 – Other | Société par Actions Simplifiées | 2 – Non-mutual | Not required |
| 37 | FRANCE | 5493003NKIV4184YYE90 | LEI | SCI MONTROUGE BRR | 99 – Other | Société Civile Immobilière | 2 – Non-mutual | Not required |
| 38 | FRANCE | 533136016 | Specific code | SCOR PROPERTIES | 99 – Other | Société de placement à prépondérance immobilière et à capital variable | 2 – Non-mutual | Not required |
| 39 | FRANCE | 969500VXO91LDR3LBV25 | LEI | Société Immobilière Coligny SAS | 99 – Other | Société par Actions Simplifiées | 2 – Non-mutual | Not required |
| 40 | FRANCE | 96950077LDS3ZNXLGQ42 | LEI | Société Immobilière Pershing SAS | 99 – Other | Société par Actions Simplifiées | 2 – Non-mutual | Not required |

## S.32.01.22 – UNDERTAKINGS IN THE SCOPE OF GROUP (CONTINUED)

| | | Criteria of influence | | | | | | Inclusion in the scope of group supervision | | Group solvency calculation |
|---|---|---|---|---|---|---|---|---|---|---|
| | Legal name of the undertaking | % capital share | % used for the establishment of consolidated accounts | % voting rights | Other criteria | Level of influence | Proportional share used for group solvency calculation | Yes/No | Date of decision if art. 214 is applied | Method used and under method 1, treatment of the undertaking |
| 21 | SCOR SE | 100.00% | 100.00% | 100.00% | Ultimate parent | | | | | |
| 22 | SCOR AFRICA LTD | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 23 | IMMOSCOR | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 24 | SCI LE BARJAC | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 25 | SAS 5 AVENUE KLEBER | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 26 | SCOR Lime Street Ltd | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 27 | S.C.I. LEON EYROLLES CACHAN SCOR | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 28 | SCOR ASIA HOUSE LP | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 29 | SCOR AUBER | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 30 | SCI MARCO SPADA | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 31 | SCOR GLOBAL P&C IRELAND LTD | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 32 | SCOR P&C IRELAND HOLDING LTD | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 33 | COMPAGNIE PARISIENNE DE PARKINGS | 75.00% | 100.00% | 75.00% | | | 100.00% | | | |
| 34 | SCOR INVESTMENTS PARTNERS SE | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 35 | SCOR PERESTRAKHOVANIYE | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 36 | DB CARAVELLE | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 37 | SCI MONTROUGE BRR | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 38 | SCOR PROPERTIES | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 39 | Société Immobilière Coligny SAS | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 40 | Société Immobilière Pershing SAS | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |

## S.32.01.22 – UNDERTAKINGS IN THE SCOPE OF GROUP (CONTINUED)

| | Country | Identification code of the undertaking | Type of code | Legal name of the undertaking | Type of undertaking | Legal form | Category (mutual/ non mutual) | Supervisory Authority |
|---|---|---|---|---|---|---|---|---|
| 41 | FRANCE | 96950047J5JOCUPMHI30 | LEI | M.R.M. | 99 – Other | Société anonyme/sociedad cooperative/aktsiaselts | 2 – Non-mutual | Not required |
| 42 | FRANCE | 833701261 | Specific code | Mondot Immobilier SAS | 99 – Other | Société par Actions Simplifiées | 2 – Non-mutual | Not required |
| 43 | FRANCE | 969500H9H379A2KWOB47 | LEI | SCI GARIGLIANO | 99 – Other | Société Civile Immobilière | 2 – Non-mutual | Not required |
| 44 | UNITED KINGDOM | 213800NTNR77BK5K7G95 | LEI | Blue Star Syndicate Management Ltd | 10 – Ancillary services undertaking | Private limited company | 2 – Non-mutual | Not required |
| 45 | FRANCE | 96950085V0PVLKJ8BB49 | LEI | SCOR GLOBAL LIFE SE | 3 – Reinsurance undertaking | Société européenne | 2 – Non-mutual | ACPR |
| 46 | NETHERLANDS | 33106831 | Specific code | REMARK Group BV | 10 – Ancillary services undertaking | Besloten Vennoostschap met beperkteaansprakelijkheid | 2 – Non-mutual | Not required |
| 47 | FRANCE | 969500A3MKUUPM2XVQ65 | LEI | MUTRE | 3 – Reinsurance undertaking | Société anonyme/sociedad cooperative/aktsiaselts | 2 – Non-mutual | ACPR |
| 48 | IRELAND | 549300KCPG3666EE4546 | LEI | SCOR GLOBAL LIFE REINSURANCE IRELAND DAC | 3 – Reinsurance undertaking | Private limited company | 2 – Non-mutual | Central Bank of Ireland |
| 49 | AUSTRALIA | 549300U6TCJE8M4VQD28 | LEI | SCOR GLOBAL LIFE AUSTRALIA PTY LTD | 3 – Reinsurance undertaking | (Proprietary) limited company | 2 – Non-mutual | APRA |
| 50 | UNITED STATES | 5493003NKWLHE2RODN39 | LEI | SCOR FINANCIAL LIFE INSURANCE COMPANY | 3 – Reinsurance undertaking | Corporation | 2 – Non-mutual | State of Delaware Insurance |
| 51 | SWITZERLAND | 549300AED21O61ZMTH91 | LEI | SCOR SWITZERLAND AG | 3 – Reinsurance undertaking | Aktiengesellschaft | 2 – Non-mutual | FINMA |
| 52 | UNITED STATES | 549300BX1ZDU6Y793Z89 | LEI | SCOR REINSURANCE COMPANY | 3 – Reinsurance undertaking | Corporation | 2 – Non-mutual | NYDFS |
| 53 | UNITED STATES | 549300706EDP0DBM6R10 | LEI | SCOR U.S. CORPORATION | 99 – Other | Corporation | 2 – Non-mutual | Not required |
| 54 | UNITED STATES | 5493007HTE8SZYSOZJ43 | LEI | GENERAL SECURITY NATIONAL INSURANCE COMPANY | 3 – Reinsurance undertaking | Corporation | 2 – Non-mutual | NYDFS |
| 55 | UNITED STATES | 549300KYQSLWSEO2RR36 | LEI | GENERAL SECURITY INDEMNITY COMPANY OF ARIZONA | 3 – Reinsurance undertaking | Corporation | 2 – Non-mutual | Arizona Department of Insurance |
| 56 | CANADA | 549300O1A1JWA1USJL37 | LEI | SCOR CANADA REINSURANCE COMPANY | 3 – Reinsurance undertaking | Corporation | 2 – Non-mutual | OSFI |
| 57 | BRAZIL | 5493008P41BO4MWZG857 | LEI | SCOR Brasil Participações S.A. | 99 – Other | Sociedade a responsabilidade Limitada | 2 – Non-mutual | Not required |
| 58 | BRAZIL | 549300YJWNISPOU0I343 | LEI | SCOR Brazil Resseguros S.A. | 4 – Composite undertaking | Sociedade a responsabilidade Limitada | 2 – Non-mutual | SUSEP – Brazil Insurance Regulator |
| 59 | CANADA | 549300CUNU3K8MC2R460 | LEI | REVIOS CANADA LTD. | 99 – Other | Corporation | 2 – Non-mutual | Not required |
| 60 | UNITED STATES | 549300YZXF1VIUO2IK19 | LEI | SCOR Global Life USA Reinsurance Company | 3 – Reinsurance undertaking | Corporation | 2 – Non-mutual | Delaware Insurance Department |

## S.32.01.22 – UNDERTAKINGS IN THE SCOPE OF GROUP (CONTINUED)

| | | Criteria of influence | | | | | | Inclusion in the scope of group supervision | | Group solvency calculation |
|---|---|---|---|---|---|---|---|---|---|---|
| | Legal name of the undertaking | % capital share | % used for the establishment of consolidated accounts | % voting rights | Other criteria | Level of influence | Proportional share used for group solvency calculation | Yes/No | Date of decision if art. 214 is applied | Method used and under method 1, treatment of the undertaking |
| 41 | M.R.M. | 60.00% | 100.00% | 60.00% | | | 100.00% | | | |
| 42 | Mondot Immobilier SAS | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 43 | SCI GARIGLIANO | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 44 | Blue Star Syndicate Management Ltd | 100.00% | | 100.00% | | | | | | |
| 45 | SCOR GLOBAL LIFE SE | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 46 | REMARK Group BV | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 47 | MUTRE | 33.00% | 33.00% | 33.00% | Mandate – shareholders agreement | | 33.00% | | | |
| 48 | SCOR GLOBAL LIFE REINSURANCE IRELAND DAC | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 49 | SCOR GLOBAL LIFE AUSTRALIA PTY LTD | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 50 | SCOR FINANCIAL LIFE INSURANCE COMPANY | 100.00% | | 100.00% | | | | | | |
| 51 | SCOR SWITZERLAND AG | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 52 | SCOR REINSURANCE COMPANY | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 53 | SCOR U.S. CORPORATION | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 54 | GENERAL SECURITY NATIONAL INSURANCE COMPANY | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 55 | GENERAL SECURITY INDEMNITY COMPANY OF ARIZONA | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 56 | SCOR CANADA REINSURANCE COMPANY | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 57 | SCOR Brasil Participações S.A. | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 58 | SCOR Brazil Resseguros S.A. | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 59 | REVIOS CANADA LTD. | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 60 | SCOR Global Life USA Reinsurance Company | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |

## S.32.01.22 – UNDERTAKINGS IN THE SCOPE OF GROUP (CONTINUED)

| | Country | Identification code of the undertaking | Type of code | Legal name of the undertaking | Type of undertaking | Legal form | Category (mutual/non mutual) | Supervisory Authority |
|---|---|---|---|---|---|---|---|---|
| 61 | BARBADOS | 549300EUI365W1VSHF93 | LEI | SCOR GLOBAL LIFE REINSURANCE INTERNATIONAL (BARBADOS) LTD. | 3 – Reinsurance undertaking | Private limited company | 2 – Non-mutual | FSC (Financial Services Commission) |
| 62 | CANADA | 549300TK1QWDEBBRT539 | LEI | REVIOS CANADA HOLDING CORP. LTD. | 99 - Other | Corporation | 2 – Non-mutual | Not required |
| 63 | UNITED STATES | 549300TL509R6FPAC224 | LEI | SCOR Global Life Americas Holding Inc. | 5 – Insurance holding company | Corporation | 2 – Non-mutual | Not required |
| 64 | UNITED STATES | 5493000TWAHWPEF04914 | LEI | SCOR LIFE REASSURANCE COMPANY | 3 – Reinsurance undertaking | Corporation | 2 – Non-mutual | State of Delaware Insurance |
| 65 | UNITED STATES | 5493004FBBK6PONS3K45 | LEI | SCOR LIFE ASSURANCE COMPANY | 3 – Reinsurance undertaking | Corporation | 2 – Non-mutual | State of Delaware Insurance |
| 66 | UNITED STATES | 549300QWKNABQNOLEX38 | LEI | SCOR GLOBAL LIFE AMERICAS Reinsurance Company | 3 – Reinsurance undertaking | Corporation | 2 – Non-mutual | Texas Insurance Department |
| 67 | UNITED STATES | 549300H2U2C3NB7RYM40 | LEI | SCOR GLOBAL LIFE REINSURANCE COMPANY OF DELAWARE | 3 – Reinsurance undertaking | Corporation | 2 – Non-mutual | Delaware Insurance Department |
| 68 | UNITED STATES | 549300RQYFY70YSLXV12 | LEI | QUANTITATIVE DATA SOLUTIONS | 99 - Other | Limited Liability Company | 2 – Non-mutual | Not required |
| 69 | UNITED STATES | 549300BD4H7M90WKT443 | LEI | SCOR GLOBAL LIFE USA HOLDINGS, INC. | 5 - Insurance holding company | Corporation | 2 – Non-mutual | Not required |
| 70 | HONG KONG | 549300PS9VM2EJ32DV96 | LEI | SCOR REINSURANCE COMPANY (ASIA) LTD | 4 – Composite undertaking | Private limited company | 2 – Non-mutual | Insurance Authority |
| 71 | HONG KONG | 549300YK3GU0YJ1ZTD51 | LEI | SCOR SERVICES INTERNATIONAL LTD | 10 – Ancillary services undertaking | Private limited company | 2 – Non-mutual | Not required |
| 72 | SINGAPORE | 549300HJN628XFBXRV51 | LEI | SCOR REINSURANCE ASIA-PACIFIC PTE LTD | 3 - Reinsurance undertaking | Private limited company | 2 – Non-mutual | MAS |
| 73 | JAPAN | 0199-01-069291 | Specific code | SCOR SERVICES JAPAN CO. LTD | 10 – Ancillary services undertaking | Kabushiki Kaisha | 2 – Non-mutual | Not required |
| 74 | SINGAPORE | 201008452W | Specific code | SCOR SERVICES ASIA-PACIFIC PTE. LTD | 10 – Ancillary services undertaking | Private limited company | 2 – Non-mutual | MAS |
| 75 | UNITED KINGDOM | 213800DYA5VN7X1U9580 | LEI | The Channel Managing Agency Ltd | 10 – Ancillary services undertaking | Private limited company | 2 – Non-mutual | Lloyd's |
| 76 | FRANCE | 519672844 | Specific code | Gutenberg Technologies France | 99 - Other | Société par Actions Simplifiées | 2 – Non-mutual | Not required |
| 77 | GUERNSEY | 23208 | Specific code | ARISIS LTD | 10 – Ancillary services undertaking | Private limited company | 2 – Non-mutual | Guernsey Financial Services Commission |
| 78 | BELGIUM | 0477.480.421 | Specific code | SCOR SERVICES BELUX | 10 – Ancillary services undertaking | Société privée à responsabilité limitée | 2 – Non-mutual | Not required |
| 79 | SPAIN | CIF B85555696 | Specific code | SCOR TELEMED SLU | 10 – Ancillary services undertaking | Société par Actions Simplifiées Unipersonnelles | 2 – Non-mutual | Not required |
| 80 | FRANCE | 417 934 544 | Specific code | REHALTO SA | 99 - Other | Société par Actions Simplifiées | 2 – Non-mutual | Not required |

## S.32.01.22 – UNDERTAKINGS IN THE SCOPE OF GROUP (CONTINUED)

| | | Criteria of influence | | | | | | Inclusion in the scope of group supervision | | Group solvency calculation |
|---|---|---|---|---|---|---|---|---|---|---|
| | Legal name of the undertaking | % capital share | % used for the establishment of consolidated accounts | % voting rights | Other criteria | Level of influence | Proportional share used for group solvency calculation | Yes/No | Date of decision if art. 214 is applied | Method used and under method 1, treatment of the undertaking |
| 61 | SCOR GLOBAL LIFE REINSURANCE INTERNATIONAL (BARBADOS) LTD. | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 62 | REVIOS CANADA HOLDING CORP. LTD. | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 63 | SCOR Global Life Americas Holding Inc. | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 64 | SCOR LIFE REASSURANCE COMPANY | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 65 | SCOR LIFE ASSURANCE COMPANY | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 66 | SCOR GLOBAL LIFE AMERICAS Reinsurance Company | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 67 | SCOR GLOBAL LIFE REINSURANCE COMPANY OF DELAWARE | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 68 | QUANTITATIVE DATA SOLUTIONS | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 69 | SCOR GLOBAL LIFE USA HOLDINGS, INC. | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 70 | SCOR REINSURANCE COMPANY (ASIA) LTD | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 71 | SCOR SERVICES INTERNATIONAL LTD | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 72 | SCOR REINSURANCE ASIA-PACIFIC PTE LTD | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 73 | SCOR SERVICES JAPAN CO. LTD | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 74 | SCOR SERVICES ASIA-PACIFIC PTE. LTD | 100.00% | 100.00% | 100.00% | | | 100.00% | | | |
| 75 | The Channel Managing Agency Ltd | 100.00% | | 100.00% | | | | | | |
| 76 | Gutenberg Technologies France | 46.00% | | 46.00% | | | | | | |
| 77 | ARISIS LTD | 100.00% | | 100.00% | | | | | | |
| 78 | SCOR SERVICES BELUX | 100.00% | | 100.00% | | | | | | |
| 79 | SCOR TELEMED SLU | 100.00% | | 100.00% | | | | | | |
| 80 | REHALTO SA | 100.00% | | 100.00% | | | | | | |

# APPENDIX B

# SCOR SE PUBLIC DISCLOSURE QRTS

## S.02.01.02 – BALANCE SHEET

### SCOR SE

| Assets as at December 31, 2017<br>*In EUR thousands* | Solvency II value |
|---|---|
| **Intangible assets** | **-** |
| **Deferred tax assets** | **237,755** |
| **Pension benefit surplus** | **-** |
| **Property, plant and equipment held for own use** | **89,192** |
| **Investments** | **8,969,201** |
| Property (other than for own use) | - |
| Participations and related undertakings | 7,537,612 |
| Equities | 3,004 |
| Equities – listed | - |
| Equities – unlisted | 3,004 |
| Bonds | 832,006 |
| Government bonds | 710,567 |
| Corporate bonds | 121,439 |
| Structured notes | - |
| Collateralised securities | - |
| Collective Investments Undertakings | 111,637 |
| Derivatives | 31,268 |
| Deposits other than cash equivalents | 453,678 |
| Other investments | (4) |
| **Assets held for index-linked and unit-linked contracts** | **-** |
| **Loans and mortgages** | **1,842,811** |
| Loans on policies | - |
| Loans and mortgages to individuals | - |
| Other loans and mortgages | 1,842,811 |
| **Reinsurance recoverables** | **377,951** |
| Non-Life and Health similar to Non-Life | 374,838 |
| Non-Life excluding Health | 374,751 |
| Health similar to Non-Life | 87 |
| Life and Health similar to Life, excluding Health and index-linked and unit-linked | 3,113 |
| Health similar to Life | 10,593 |
| Life excluding Health and index-linked and unit-linked | (7,480) |
| Life index-linked and unit-linked | - |
| **Deposits to cedents** | **1,845,662** |
| **Insurance and intermediaries receivables** | **(10,760)** |
| **Reinsurance receivables** | **10,493** |
| **Receivables (trade, not insurance)** | **198,347** |
| **Own shares** | **196,813** |
| **Amounts due in respect of own fund items or initial fund called up but not yet paid in** | **-** |
| **Cash and cash equivalents** | **76,899** |
| **Any other assets, not elsewhere shown** | **156,734** |
| **TOTAL ASSETS** | **13,991,098** |

## S.02.01.02 – BALANCE SHEET (CONTINUED)

### SCOR SE

| Liabilities as at December 31, 2017<br>*In EUR thousands* | Solvency II value |
|---|---|
| **Technical provisions – Non-Life** | **1,780,413** |
| Technical provisions – Non-Life (excl. Health) | 1,769,092 |
| TP calculated as a whole | - |
| Best estimate | 1,699,295 |
| Risk margin | 69,797 |
| Technical provisions – Health (similar to Non-Life) | 11,321 |
| TP calculated as a whole | - |
| Best estimate | 10,892 |
| Risk margin | 429 |
| **Technical provisions – Life (excl. index-linked and unit-linked)** | **1,717,265** |
| Technical provisions – Health (similar to Life) | 1,115,337 |
| TP calculated as a whole | - |
| Best estimate | 1,113,626 |
| Risk margin | 1,711 |
| Technical provisions – Life (excl. Health and index-linked and unit-linked) | 601,928 |
| TP calculated as a whole | - |
| Best estimate | 579,833 |
| Risk margin | 22,095 |
| **Technical provisions – index-linked and unit-linked funds** | **-** |
| TP calculated as a whole | - |
| Best estimate | - |
| Risk margin | - |
| **Other technical provisions** | **-** |
| **Contingent liabilities** | **-** |
| **Provisions other than technical provisions** | **3,929** |
| **Pension benefit obligations** | **81,657** |
| **Deposits from reinsurers** | **434,005** |
| **Deferred tax liabilities** | **144,027** |
| **Derivatives** | **8,022** |
| **Debts owed to credit institutions** | **15,746** |
| **Financial liabilities other than debts owed to credit institutions** | **11,111** |
| **Insurance and intermediaries payables** | **189,576** |
| **Reinsurance payables** | **(14,781)** |
| **Payables (trade, not insurance)** | **74,315** |
| **Subordinated liabilities** | **2,227,080** |
| Subordinated liabilities not in basic own funds | - |
| Subordinated liabilities in basic own funds | 2,227,080 |
| **Any other liabilities, not elsewhere shown** | **57,727** |
| **TOTAL LIABILITIES** | **6,730,092** |
| **EXCESS OF ASSETS OVER LIABILITIES** | **7,261,006** |

## S.05.01.02 – NON-LIFE PREMIUMS, CLAIMS AND EXPENSES BY LINE OF BUSINESS

### SCOR SE

| | Line of business* for Non-Life insurance and reinsurance obligations (direct business and accepted proportional reinsurance) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **As at December 31, 2017** *In EUR thousands* | **Income protection insurance** | **Workers' compensation insurance** | **Motor vehicle liability insurance** | **Marine, aviation and transport insurance** | **Fire and other damage to property insurance** | **General liability insurance** | **Credit and suretyship insurance** | **Miscellaneous financial loss** |
| **Premiums written** | | | | | | | | |
| Gross – Direct business | - | - | - | - | - | - | (1) | - |
| Gross – Proportional reinsurance accepted | 3,004 | 52 | 211,953 | 55,265 | 461,959 | 124,547 | 150,615 | 3,475 |
| Gross – Non-proportional reinsurance accepted | | | | | | | | |
| Reinsurers' share | 55 | - | 145,321 | 13,571 | 119,386 | 18,905 | 67,853 | 1,466 |
| Net | 2,949 | 52 | 66,632 | 41,694 | 342,573 | 105,642 | 82,761 | 2,009 |
| **Premiums earned** | | | | | | | | |
| Gross – Direct business | - | - | - | - | - | - | - | - |
| Gross – Proportional reinsurance accepted | 3,302 | 67 | 223,204 | 56,492 | 418,525 | 119,857 | 131,899 | 1,927 |
| Gross – Non-proportional reinsurance accepted | | | | | | | | |
| Reinsurers' share | 99 | - | 157,765 | 12,982 | 110,936 | 20,926 | 63,129 | 514 |
| Net | 3,203 | 67 | 65,439 | 43,510 | 307,589 | 98,931 | 68,770 | 1,413 |
| **Claims incurred** | | | | | | | | |
| Gross – Direct business | - | - | - | - | - | - | - | - |
| Gross – Proportional reinsurance accepted | 2,755 | 33 | 131,078 | 31,646 | 368,725 | 85,134 | 126,366 | 960 |
| Gross – Non-proportional reinsurance accepted | | | | | | | | |
| Reinsurers' share | 56 | - | 88,078 | 12,286 | 79,817 | 11,805 | 76,745 | 243 |
| Net | 2,699 | 33 | 43,000 | 19,360 | 288,908 | 73,329 | 49,621 | 717 |
| **Changes in other technical provisions** | | | | | | | | |
| Gross – Direct business | - | - | - | - | - | - | - | - |
| Gross – Proportional reinsurance accepted | - | - | - | - | - | - | - | - |
| Gross – Non-proportional reinsurance accepted | | | | | | | | |
| Reinsurers' share | - | - | - | - | - | - | - | - |
| Net | - | - | - | - | - | - | - | - |
| **Expenses incurred** | **1,235** | **43** | **23,756** | **15,625** | **75,091** | **23,767** | **26,073** | **22** |
| **Other expenses** | | | | | | | | |
| **TOTAL EXPENSES** | | | | | | | | |

* *The table above presents lines of business applicable to SCOR.*

## S.05.01.02 – NON-LIFE PREMIUMS, CLAIMS AND EXPENSES BY LINE OF BUSINESS (CONTINUED)

### SCOR SE

| | Line of business for accepted non-proportional reinsurance | | | | |
|---|---|---|---|---|---|
| **As at December 31, 2017** *In EUR thousands* | **Health** | **Casualty** | **Marine, aviation, transport** | **Property** | **Total** |
| **Premiums written** | | | | | |
| Gross – Direct business | | | | | (1) |
| Gross – Proportional reinsurance accepted | | | | | 1,010,870 |
| Gross – Non-proportional reinsurance accepted | 1,114 | 62,878 | 21,465 | 242,962 | 328,419 |
| Reinsurers' share | 9 | 6,140 | 86 | 26,626 | 399,418 |
| Net | 1,105 | 56,738 | 21,379 | 216,336 | 939,870 |
| **Premiums earned** | | | | | |
| Gross – Direct business | | | | | - |
| Gross – Proportional reinsurance accepted | | | | | 955,273 |
| Gross – Non-proportional reinsurance accepted | 990 | 56,713 | 22,416 | 230,759 | 310,878 |
| Reinsurers' share | 9 | 2,170 | 128 | 18,555 | 387,213 |
| Net | 981 | 54,543 | 22,288 | 212,204 | 878,938 |
| **Claims incurred** | | | | | |
| Gross – Direct business | | | | | - |
| Gross – Proportional reinsurance accepted | | | | | 746,697 |
| Gross – Non-proportional reinsurance accepted | 113 | 21,476 | 20,984 | 139,447 | 182,020 |
| Reinsurers' share | 7 | 1,001 | (220) | 9,233 | 279,051 |
| Net | 106 | 20,475 | 21,204 | 130,214 | 649,666 |
| **Changes in other technical provisions** | | | | | |
| Gross – Direct business | | | | | - |
| Gross – Proportional reinsurance accepted | | | | | - |
| Gross – Non-proportional reinsurance accepted | - | - | - | - | - |
| Reinsurers' share | - | - | - | - | - |
| Net | - | - | - | - | - |
| **Expenses incurred** | **120** | **7,911** | **4,815** | **42,961** | **221,419** |
| **Other expenses** | | | | | **57,632** |
| **TOTAL EXPENSES** | | | | | **279,051** |

## S.05.01.02 – LIFE PREMIUMS, CLAIMS AND EXPENSES BY LINE OF BUSINESS

### SCOR SE

| As at December 31, 2017<br>*In EUR thousands* | Line of business* for Life reinsurance obligations<br>Health reinsurance | <br>Life reinsurance | <br>Total |
|---|---|---|---|
| **Premiums written** | | | |
| Gross | 435,537 | 491,101 | 926,638 |
| Reinsurers' share | 71,429 | 11,288 | 82,717 |
| Net | 364,108 | 479,813 | 843,921 |
| **Premiums earned** | | | |
| Gross | 410,095 | 491,101 | 901,196 |
| Reinsurers' share | 53,779 | 11,288 | 65,067 |
| Net | 356,316 | 479,813 | 836,129 |
| **Claims incurred** | | | |
| Gross | 299,164 | 416,021 | 715,185 |
| Reinsurers' share | 40,479 | 10,448 | 50,927 |
| Net | 258,685 | 405,573 | 664,258 |
| **Changes in other technical provisions** | | | |
| Gross | - | - | - |
| Reinsurers' share | - | - | - |
| Net | - | - | - |
| **Expenses incurred** | **118,665** | **92,608** | **211,273** |
| **Other expenses** | | | **47,941** |
| **TOTAL EXPENSES** | | | **259,214** |

* *The table above presents lines of business applicable to SCOR.*

## S.05.02.01 – NON-LIFE PREMIUMS, CLAIMS AND EXPENSES BY COUNTRY

### SCOR SE

| As at December 31, 2017<br>*In EUR thousands* | Home country* | Top 5 countries (by amount of gross premiums written) – Non-Life obligations | | | | | Total Top 5 and home country |
|---|---|---|---|---|---|---|---|
| | | (CN) China | (US) United States | (IN) India | (GB) United Kingdom | (ES) Spain | |
| **Premiums written** | | | | | | | |
| Gross – Direct business | - | - | - | - | - | - | - |
| Gross – Proportional reinsurance accepted | 175,219 | 412,987 | 45,716 | 102,999 | 56,577 | 29,978 | 823,476 |
| Gross – Non-proportional reinsurance accepted | (111,668) | 34,172 | 143,111 | 13,709 | 18,743 | 13,475 | 111,542 |
| Reinsurers' share | - | 363,464 | - | 35,505 | - | 3 | 398,972 |
| Net | 63,551 | 83,695 | 188,827 | 81,203 | 75,320 | 43,450 | 536,046 |
| **Premiums earned** | | | | | | | |
| Gross – Direct business | - | - | - | - | - | - | - |
| Gross – Proportional reinsurance accepted | 173,146 | 430,463 | 35,463 | 48,969 | 50,134 | 29,922 | 768,097 |
| Gross – Non-proportional reinsurance accepted | (112,116) | 21,076 | 143,301 | 11,235 | 18,527 | 13,555 | 95,578 |
| Reinsurers' share | - | 366,749 | - | 20,290 | - | (6) | 387,033 |
| Net | 61,030 | 84,790 | 178,764 | 39,914 | 68,661 | 43,483 | 476,642 |
| **Claims incurred** | | | | | | | |
| Gross – Direct business | - | - | - | - | - | - | - |
| Gross – Proportional reinsurance accepted | 159,505 | 318,134 | 28,203 | 47,719 | 34,028 | 19,777 | 607,366 |
| Gross – Non-proportional reinsurance accepted | (227,417) | 9,762 | 255,301 | 4,522 | 31,255 | 3,596 | 77,019 |
| Reinsurers' share | 1 | 265,164 | 25 | 13,829 | - | - | 279,019 |
| Net | (67,913) | 62,732 | 283,479 | 38,412 | 65,283 | 23,373 | 405,366 |
| **Changes in other technical provisions** | | | | | | | |
| Gross – Direct business | - | - | - | - | - | - | - |
| Gross – Proportional reinsurance accepted | - | - | - | - | - | - | - |
| Gross – Non-proportional reinsurance accepted | - | - | - | - | - | - | - |
| Reinsurers' share | - | - | - | - | - | - | - |
| Net | - | - | - | - | - | - | - |
| **Expenses incurred** | **46,586** | **28,658** | **17,207** | **6,149** | **15,005** | **13,575** | **127,180** |
| **Other expenses** | | | | | | | **-** |
| **TOTAL EXPENSES** | | | | | | | **127,180** |

* *France.*

## S.05.02.01 – LIFE PREMIUMS, CLAIMS AND EXPENSES BY COUNTRY

### SCOR SE

| As at December 31, 2017 *In EUR thousands* | Home country* | Top 5 countries (by amount of gross premiums written) – Life obligations (CN) China | (IT) Italy | (ES) Spain | (IN) India | (IE) Ireland | Total Top 5 and home country |
|---|---|---|---|---|---|---|---|
| **Premiums written** | | | | | | | |
| Gross | 674,623 | 160,285 | 50,325 | 28,279 | 12,957 | 168 | 926,637 |
| Reinsurers' share | - | 76,339 | - | - | 6,378 | - | 82,717 |
| Net | 674,623 | 83,946 | 50,325 | 28,279 | 6,579 | 168 | 843,920 |
| **Premiums earned** | | | | | | | |
| Gross | 673,685 | 142,490 | 49,515 | 28,906 | 6,432 | 168 | 901,196 |
| Reinsurers' share | - | 62,296 | - | - | 2,772 | - | 65,068 |
| Net | 673,685 | 80,194 | 49,515 | 28,906 | 3,660 | 168 | 836,128 |
| **Claims incurred** | | | | | | | |
| Gross | 576,652 | 87,827 | 35,242 | 12,623 | 2,841 | - | 715,185 |
| Reinsurers' share | - | 49,691 | - | - | 1,236 | - | 50,927 |
| Net | 576,652 | 38,136 | 35,242 | 12,623 | 1,605 | - | 664,258 |
| **Changes in other technical provisions** | | | | | | | |
| Gross | - | - | - | - | - | - | - |
| Reinsurers' share | - | - | - | - | - | - | - |
| Net | - | - | - | - | - | - | - |
| **Expenses incurred** | **129,019** | **44,425** | **19,564** | **15,950** | **2,315** | **-** | **211,273** |
| **Other expenses** | | | | | | | **47,941** |
| **TOTAL EXPENSES** | | | | | | | **259,214** |

* *France.*

## S.12.01.02 – LIFE AND HEALTH SLT TECHNICAL PROVISIONS

### SCOR SE

| As at December 31, 2017<br>*In EUR thousands* | Accepted reinsurance (other than health) | Health reinsurance (reinsurance accepted) |
|---|---|---|
| **Technical provisions calculated as a whole** | | |
| Total Recoverables from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default associated to TP calculated as a whole | - | - |
| **Technical provisions calculated as a sum of best estimate (BE) and risk margin (RM)** | | |
| **Best estimate** | | |
| **Gross best estimate** | **579,833** | **1,113,626** |
| Total recoverables from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default | (7,480) | 10,593 |
| Best estimate minus recoverables from reinsurance/SPV and Finite Re – total | 587,313 | 1,103,033 |
| **Risk Margin** | **22,095** | **1,711** |
| **Amount of the transitional on technical provisions** | | |
| Technical provisions calculated as a whole | - | - |
| Best estimate | - | - |
| Risk Margin | - | - |
| **TECHNICAL PROVISIONS – TOTAL** | **601,928** | **1,115,337** |

*The table above presents lines of business applicable to SCOR.*

## S.17.01.02 – NON-LIFE TECHNICAL PROVISIONS

### SCOR SE

| As at December 31, 2017 *In EUR thousands* | Income protection insurance | Workers' compensation insurance | Motor vehicle liability insurance | Marine, aviation and transport insurance | Fire and other damage to property insurance | General liability insurance | Credit and suretyship insurance | Miscellaneous financial loss |
|---|---|---|---|---|---|---|---|---|
| **Technical provisions calculated as a whole** | - | - | - | - | - | - | - | - |
| Total recoverables from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default associated to TP as a whole | - | - | - | - | - | - | - | - |
| **Technical provisions calculated as a sum of BE and RM** | | | | | | | | |
| **Best estimate** | | | | | | | | |
| Premium provisions | | | | | | | | |
| Gross | (1,227) | (18) | 30,329 | (15,028) | (9,489) | (71,883) | (58,233) | (988) |
| Total recoverable from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default | (40) | - | 37,126 | (3,166) | (25,351) | (2,368) | (25,963) | 262 |
| Net best estimate of premium provisions | (1,187) | (18) | (6,797) | (11,862) | 15,862 | (69,515) | (32,270) | (1,250) |
| **Claims provisions** | | | | | | | | |
| Gross | 8,445 | 30 | 142,278 | 64,603 | 267,370 | 326,117 | 212,890 | 4,005 |
| Total recoverable from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default | 126 | - | 86,471 | 19,498 | 127,857 | 21,582 | 116,830 | 166 |
| **Net best estimate of claims provisions** | **8,319** | **30** | **55,807** | **45,105** | **139,513** | **304,535** | **96,060** | **3,839** |
| **Total best estimate – gross** | **7,218** | **12** | **172,607** | **49,575** | **257,881** | **254,234** | **154,657** | **3,017** |
| **Total best estimate – net** | **7,132** | **12** | **49,010** | **33,243** | **155,375** | **235,020** | **63,790** | **2,589** |
| **Risk margin** | **331** | **97** | **11,167** | **4,430** | **28,055** | **20,391** | **4,475** | **376** |
| **Amount of the transitional on technical provisions** | | | | | | | | |
| Technical provisions calculated as a whole | - | - | - | - | - | - | - | - |
| Best estimate | - | - | - | - | - | - | - | - |
| Risk margin | - | - | - | - | - | - | - | - |
| **TECHNICAL PROVISIONS – TOTAL** | | | | | | | | |
| Technical provisions – total | 7,549 | 109 | 183,774 | 54,005 | 285,936 | 274,625 | 159,132 | 3,392 |
| Recoverable from reinsurance contract/SPV and Finite Re after the adjustment for expected losses due to counterparty default – total | 86 | - | 123,597 | 16,332 | 102,506 | 19,214 | 90,867 | 428 |
| Technical provisions minus recoverables from reinsurance/SPV and Finite Re – total | 7,463 | 109 | 60,177 | 37,673 | 183,430 | 255,411 | 68,265 | 2,964 |

*The table above presents lines of business applicable to SCOR.*

## S.17.01.02 – NON-LIFE TECHNICAL PROVISIONS (CONTINUED)

### SCOR SE

| As at December 31, 2017<br>*In EUR thousands* | Accepted non-proportional reinsurance<br>Non-proportional health reinsurance | Non-proportional casualty reinsurance | Non-proportional marine, aviation and transport reinsurance | Non-proportional property reinsurance | Total Non-Life obligation |
|---|---|---|---|---|---|
| **Technical provisions calculated as a whole** | - | - | - | - | - |
| Total recoverables from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default associated to TP as a whole | - | - | - | - | - |
| **Technical provisions calculated as a sum of BE and RM** | | | | | |
| **Best estimate** | | | | | |
| Premium provisions | | | | | |
| Gross | (708) | (51,566) | (15,726) | (215,847) | (410,384) |
| Total recoverable from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default | (6) | (876) | (94) | (76) | (20,552) |
| Net best estimate of premium provisions | (702) | (50,690) | (15,632) | (215,771) | (389,832) |
| **Claims provisions** | | | | | |
| Gross | 4,370 | 598,924 | 66,082 | 425,457 | 2,120,571 |
| Total recoverable from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default | 7 | 2,708 | 283 | 19,863 | 395,391 |
| **Net best estimate of claims provisions** | **4,363** | **596,216** | **65,799** | **405,594** | **1,725,180** |
| **Total best estimate – gross** | **3,662** | **547,358** | **50,356** | **209,610** | **1,710,187** |
| **Total best estimate – net** | **3,661** | **545,526** | **50,167** | **189,823** | **1,335,348** |
| **Risk margin** | **1** | **47** | **7** | **849** | **70,226** |
| **Amount of the transitional on technical provisions** | | | | | |
| Technical provisions calculated as a whole | - | - | - | - | - |
| Best estimate | - | - | - | - | - |
| Risk margin | - | - | - | - | - |
| **TECHNICAL PROVISIONS – TOTAL** | | | | | |
| Technical provisions – total | 3,663 | 547,405 | 50,363 | 210,459 | 1,780,413 |
| Recoverable from reinsurance contract/SPV and Finite Re after the adjustment for expected losses due to counterparty default – total | 1 | 1,832 | 189 | 19,787 | 374,839 |
| Technical provisions minus recoverables from reinsurance/SPV and Finite Re – total | 3,662 | 545,573 | 50,174 | 190,672 | 1,405,574 |

## S.19.01.21 – NON-LIFE INSURANCE CLAIMS INFORMATION

### Total Non-Life Business – Underwriting year

**Gross Claims Paid** *(non-cumulative) (absolute amount)*

| | Development year | | | | | | | | | | | In current year | Sum of years (cumulative) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 & + | | |
| Prior | | | | | | | | | | | 15,683 | 15,683 | 15,683 |
| N-9 | 3,125 | 91,074 | 77,433 | 3,081 | 38,086 | 8,690 | 11,221 | 3,597 | 2,973 | 1,623 | | 1,623 | 240,903 |
| N-8 | 9,372 | 109,641 | 78,860 | 35,690 | 16,496 | 8,949 | 12,229 | 4,077 | 2,680 | | | 2,680 | 277,994 |
| N-7 | 11,759 | 85,230 | 89,628 | 40,047 | 19,699 | 12,918 | 9,750 | 2,657 | | | | 2,657 | 271,688 |
| N-6 | 48,946 | 132,956 | 175,517 | 25,708 | 20,186 | 10,334 | 11,210 | | | | | 11,210 | 424,857 |
| N-5 | 8,311 | 126,315 | 164,038 | 70,698 | 18,590 | 17,407 | | | | | | 17,407 | 405,359 |
| N-4 | 9,202 | 198,684 | 131,509 | 35,700 | 20,396 | | | | | | | 20,396 | 395,491 |
| N-3 | 24,634 | 210,205 | 133,186 | 67,038 | | | | | | | | 67,038 | 435,063 |
| N-2 | 6,049 | 168,235 | 160,206 | | | | | | | | | 160,206 | 334,490 |
| N-1 | 11,600 | 124,162 | | | | | | | | | | 124,162 | 135,762 |
| N | (8,662) | | | | | | | | | | | (8,662) | (8,662) |
| **TOTAL** | | | | | | | | | | | | **414,400** | **2,928,628** |

**Gross undiscounted best estimate Claims Provisions** *(absolute amount)*

| | Development year | | | | | | | | | | | Year end (discounted data) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 & + | |
| Prior | | | | | | | | | | | 298,475 | 275,108 |
| N-9 | - | - | - | - | - | - | - | - | 60,284 | 57,044 | | 53,008 |
| N-8 | - | - | - | - | - | - | - | 65,187 | 58,089 | | | 54,274 |
| N-7 | - | - | - | - | - | - | 70,806 | 65,049 | | | | 61,499 |
| N-6 | - | - | - | - | - | 90,300 | 73,949 | | | | | 69,501 |
| N-5 | - | - | - | - | 115,308 | 114,467 | | | | | | 107,188 |
| N-4 | - | - | - | 130,424 | 106,544 | | | | | | | 100,285 |
| N-3 | - | - | 216,236 | 155,081 | | | | | | | | 145,774 |
| N-2 | - | 405,015 | 263,170 | | | | | | | | | 251,060 |
| N-1 | 429,867 | 606,295 | | | | | | | | | | 590,116 |
| N | 429,535 | | | | | | | | | | | 412,758 |
| **TOTAL** | | | | | | | | | | | | **2,120,571** |

## S.23.01.01 – OWN FUNDS

### SCOR SE

| As at December 31, 2017 *In EUR thousands* | Total | Tier 1 – unrestricted | Tier 1 – restricted | Tier 2 | Tier 3 |
|---|---|---|---|---|---|
| **Basic own funds before deduction for participations in other financial sector** | | | | | |
| Ordinary share capital (gross of own shares) | 1,524,197 | 1,524,197 | | - | |
| Share premium account related to ordinary share capital | 809,338 | 809,338 | | - | |
| Initial funds, members' contributions or the equivalent basic own – fund item for mutual and mutual-type undertakings | - | - | | - | |
| Subordinated mutual member accounts | - | | - | - | - |
| Surplus funds | - | - | | | |
| Preference shares | - | | - | - | - |
| Share premium account related to preference shares | - | | - | - | - |
| **Reconciliation reserve** | **4,328,930** | **4,328,930** | | | |
| Subordinated liabilities | 2,227,080 | | 861,930 | 1,365,150 | - |
| An amount equal to the value of net deferred tax assets | 93,728 | | | | 93,728 |
| Other own fund items approved by the supervisory authority as basic own funds not specified above | - | - | - | - | - |
| **Own funds from the financial statements that should not be represented by the reconciliation reserve and do not meet the criteria to be classified as Solvency II own funds** | | | | | |
| Own funds from the financial statements that should not be represented by the reconciliation reserve and do not meet the criteria to be classified as Solvency II own funds | - | - | | | |
| **Deductions** | | | | | |
| Deductions for participations in financial and credit institutions | - | - | - | - | |
| **TOTAL BASIC OWN FUNDS AFTER DEDUCTIONS** | **8,983,273** | **6,662,465** | **861,930** | **1,365,150** | **93,728** |

## S.23.01.01 – OWN FUNDS (CONTINUED)

### SCOR SE

| **As at December 31, 2017** *In EUR thousands* | **Total** | **Tier 1 – unrestricted** | **Tier 1 – restricted** | **Tier 2** | **Tier 3** |
|---|---|---|---|---|---|
| **Ancillary own funds** | | | | | |
| Unpaid and uncalled ordinary share capital callable on demand | - | | | - | |
| Unpaid and uncalled initial funds, members' contributions or the equivalent basic own fund item for mutual and mutual – type undertakings, callable on demand | - | | | - | |
| Unpaid and uncalled preference shares callable on demand | - | | | - | - |
| A legally binding commitment to subscribe and pay for subordinated liabilities on demand | - | | | | |
| Letters of credit and guarantees under Article 96(2) of the Directive 2009/138/EC | - | | | - | |
| Letters of credit and guarantees other than under Article 96(2) of the Directive 2009/138/EC | - | | | - | |
| Supplementary members calls under first subparagraph of Article 96(3) of the Directive 2009/138/EC | - | | | - | |
| Supplementary members calls – other than under first subparagraph of Article 96(3) of the Directive 2009/138/EC | - | | | - | - |
| Other ancillary own funds | - | | | - | - |
| **Total ancillary own funds** | **-** | | | **-** | **-** |
| **Available and eligible own funds** | **-** | **-** | **-** | **-** | **-** |
| Total available own funds to meet the SCR | 8,983,273 | 6,662,465 | 861,930 | 1,365,150 | 93,728 |
| Total available own funds to meet the MCR | 8,889,545 | 6,662,465 | 861,930 | 1,365,150 | |
| Total eligible own funds to meet the SCR | 8,983,273 | 6,662,465 | 861,930 | 1,365,150 | 93,728 |
| **Total eligible own funds to meet the MCR** | **7,740,534** | **6,662,464** | **861,930** | **216,140** | |
| **SCR** | **4,322,802** | | | | |
| **MCR** | **1,080,701** | | | | |
| **Ratio of Eligible own funds to SCR** | **207.81%** | | | | |
| **Ratio of Eligible own funds to MCR** | **716.25%** | | | | |

## S.23.01.01 – OWN FUNDS (CONTINUED)

### SCOR SE

| **As at December 31, 2017** *In EUR thousands* | **Total** |
|---|---|
| **Reconciliation reserve** | |
| Excess of assets over liabilities | 7,261,006 |
| Own shares (held directly or indirectly) | 196,813 |
| Foreseeable dividends, distributions and charges | 308,000 |
| Other basic own fund items | 2,427,263 |
| Adjustment for restricted own fund items in respect of matching adjustment portfolios and ring fenced funds | - |
| **Reconciliation reserve** | **4,328,930** |
| **Expected profits** | |
| Expected profits included in future premiums (EPIFP) – Life business | 48,023 |
| Expected profits included in future premiums (EPIFP) – Non-Life business | 40,957 |
| **TOTAL EXPECTED PROFITS INCLUDED IN FUTURE PREMIUMS (EPIFP)** | **88,980** |

## S.25.03.21 – SOLVENCY CAPITAL REQUIREMENT – FOR UNDERTAKINGS ON FULL INTERNAL MODELS

See QRT S.25.03.22 – Solvency Capital Requirement – for groups on Full Internal Models in Appendix A.

## S.28.01.01 – MINIMUM CAPITAL REQUIREMENT – ONLY LIFE OR ONLY NON-LIFE INSURANCE OR REINSURANCE ACTIVITY

### SCOR SE

**As at December 31, 2017**

*In EUR thousands*

| LINEAR FORMULA COMPONENT FOR NON-LIFE INSURANCE AND REINSURANCE OBLIGATIONS | | |
|---|---|---|
| $MCR_{NL}$ Result | 317,561 | |
| | **Net (of reinsurance/ SPV) Best estimate and TP calculated as a whole** | **Net (of reinsurance) written premiums in the last 12 months** |
| Medical expense insurance and proportional reinsurance | - | - |
| Income protection insurance and proportional reinsurance | 7,132 | 3,041 |
| Workers' compensation insurance and proportional reinsurance | 12 | 53 |
| Motor vehicle liability insurance and proportional reinsurance | 49,010 | 68,048 |
| Other motor insurance and proportional reinsurance | - | - |
| Marine, aviation and transport insurance and proportional reinsurance | 33,243 | 42,927 |
| Fire and other damage to property insurance and proportional reinsurance | 155,375 | 352,665 |
| General liability insurance and proportional reinsurance | 235,020 | 108,834 |
| Credit and suretyship insurance and proportional reinsurance | 63,790 | 85,025 |
| Legal expenses insurance and proportional reinsurance | - | - |
| Assistance and proportional reinsurance | - | - |
| Miscellaneous financial loss insurance and proportional reinsurance | 2,589 | 2,065 |
| Non-proportional health reinsurance | 3,662 | 1,139 |
| Non-proportional casualty reinsurance | 545,526 | 58,471 |
| Non-proportional marine, aviation and transport reinsurance | 50,167 | 22,042 |
| Non-proportional property reinsurance | 189,823 | 222,927 |

| LINEAR FORMULA COMPONENT FOR LIFE INSURANCE AND REINSURANCE OBLIGATIONS | | |
|---|---|---|
| $MCR_{L}$ Result | 171,393 | |
| | **Net (of reinsurance/ SPV) Best estimate and TP calculated as a whole** | **Net (of reinsurance/ SPV) total capital at risk** |
| Obligations with profit participation – guaranteed benefits | - | |
| Obligations with profit participation – future discretionary benefits | - | |
| Index-linked and unit-linked insurance obligations | - | |
| Other life (re)insurance and health (re)insurance obligations | 1,690,347 | |
| Total capital at risk for all life (re)insurance obligations | | 194,137,794 |

| OVERALL MCR CALCULATION | |
|---|---|
| Linear MCR | 488,954 |
| SCR | 4,322,802 |
| MCR cap | 1,945,261 |
| MCR floor | 1,080,701 |
| Combined MCR | 1,080,701 |
| Absolute floor of the MCR | 3,600 |
| **MINIMUM CAPITAL REQUIREMENT** | **1,080,701** |

# APPENDIX C

# SGP&C SE PUBLIC DISCLOSURE QRTS

## S.02.01.02 – BALANCE SHEET

### SGP&C SE

**Assets as at December 31, 2017**

| *In EUR thousands* | Solvency II value |
|---|---|
| **Intangible assets** | **-** |
| **Deferred tax assets** | **42,346** |
| **Pension benefit surplus** | **-** |
| **Property, plant and equipment held for own use** | **3,117** |
| **Investments** | **5,802,266** |
| Property (other than for own use) | 1 |
| Participations and related undertakings | 2,412,749 |
| Equities | 106,591 |
| Equities – listed | 52,825 |
| Equities – unlisted | 53,766 |
| Bonds | 1,370,510 |
| Government bonds | 405,717 |
| Corporate bonds | 952,437 |
| Structured notes | 12,176 |
| Collateralised securities | 180 |
| Collective Investments Undertakings | 1,861,970 |
| Derivatives | 50,368 |
| Deposits other than cash equivalents | 48 |
| Other investments | 29 |
| **Assets held for index-linked and unit-linked contracts** | **-** |
| **Loans and mortgages** | **431,899** |
| Loans on policies | - |
| Loans and mortgages to individuals | - |
| Other loans and mortgages | 431,899 |
| **Reinsurance recoverables** | **2,558,201** |
| Non-Life and Health similar to Non-Life | 2,558,201 |
| Non-Life excluding Health | 2,531,416 |
| Health similar to Non-Life | 26,785 |
| Life and Health similar to Life, excluding Health and index-linked and unit-linked | - |
| Health similar to Life | - |
| Life excluding Health and index-linked and unit-linked | - |
| Life index-linked and unit-linked | - |
| **Deposits to cedents** | **815,932** |
| **Insurance and intermediaries receivables** | **219,118** |
| **Reinsurance receivables** | **173,240** |
| **Receivables (trade, not insurance)** | **53,507** |
| **Own shares** | **-** |
| **Amounts due in respect of own fund items or initial fund called up but not yet paid in** | **-** |
| **Cash and cash equivalents** | **66,006** |
| **Any other assets, not elsewhere shown** | **17** |
| **TOTAL ASSETS** | **10,165,649** |

## S.02.01.02 – BALANCE SHEET (CONTINUED)

### SGP&C SE

**Liabilities as at December 31, 2017**

| *In EUR thousands* | Solvency II value |
|---|---|
| **Technical provisions – Non-Life** | **6,464,617** |
| Technical provisions – Non-Life (excl. Health) | 6,399,691 |
| TP calculated as a whole | - |
| Best estimate | 6,232,176 |
| Risk margin | 167,515 |
| Technical provisions – Health (similar to Non-Life) | 64,926 |
| TP calculated as a whole | - |
| Best estimate | 63,190 |
| Risk margin | 1,736 |
| **Technical provisions – Life (excl. index-linked and unit-linked)** | **-** |
| Technical provisions – Health (similar to Life) | - |
| TP calculated as a whole | - |
| Best estimate | - |
| Risk margin | - |
| Technical provisions – Life (excl. Health and index-linked and unit-linked) | - |
| TP calculated as a whole | - |
| Best estimate | - |
| Risk margin | - |
| **Technical provisions – index-linked and unit-linked funds** | **-** |
| TP calculated as a whole | - |
| Best estimate | - |
| Risk margin | - |
| **Other technical provisions** | **-** |
| **Contingent liabilities** | **-** |
| **Provisions other than technical provisions** | **9,722** |
| **Pension benefit obligations** | **11,687** |
| **Deposits from reinsurers** | **190,270** |
| **Deferred tax liabilities** | **18,699** |
| **Derivatives** | **8,248** |
| **Debts owed to credit institutions** | **1** |
| **Financial liabilities other than debts owed to credit institutions** | **197,065** |
| **Insurance and intermediaries payables** | **154,187** |
| **Reinsurance payables** | **49,542** |
| **Payables (trade, not insurance)** | **46,099** |
| **Subordinated liabilities** | **623,282** |
| Subordinated liabilities not in basic own funds | 170,463 |
| Subordinated liabilities in basic own funds | 452,819 |
| **Any other liabilities, not elsewhere shown** | **81,292** |
| **TOTAL LIABILITIES** | **7,854,711** |
| **EXCESS OF ASSETS OVER LIABILITIES** | **2,310,938** |

## S.05.01.02 – PREMIUMS, CLAIMS AND EXPENSES BY LINE OF BUSINESS

### SGP&C SE

| | Line of business* for Non-Life insurance and reinsurance obligations (direct business and accepted proportional reinsurance) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **As at December 31, 2017** *In EUR thousands* | **Income protection insurance** | **Workers' compensation insurance** | **Motor vehicle liability insurance** | **Marine, aviation and transport insurance** | **Fire and other damage to property insurance** | **General liability insurance** | **Credit and suretyship insurance** | **Miscellaneous financial loss** |
| **Premiums written** | | | | | | | | |
| Gross – Direct business | - | - | - | - | - | - | - | - |
| Gross – Proportional reinsurance accepted | 21,235 | 223 | 137,579 | 168,491 | 834,618 | 232,518 | 155,313 | 48,078 |
| Gross – Non-proportional reinsurance accepted | | | | | | | | |
| Reinsurers' share | 10,590 | 114 | 79,749 | 101,301 | 386,560 | 115,056 | 77,037 | 3,446 |
| Net | 10,645 | 109 | 57,830 | 67,190 | 448,058 | 117,462 | 78,276 | 44,632 |
| **Premiums earned** | | | | | | | | |
| Gross – Direct business | - | - | - | - | - | - | - | - |
| Gross – Proportional reinsurance accepted | 22,989 | 421 | 164,367 | 180,528 | 842,979 | 221,189 | 136,977 | 27,654 |
| Gross – Non-proportional reinsurance accepted | | | | | | | | |
| Reinsurers' share | 11,506 | 212 | 91,474 | 107,634 | 380,417 | 108,666 | 67,988 | 2,506 |
| Net | 11,483 | 209 | 72,893 | 72,894 | 462,562 | 112,523 | 68,989 | 25,148 |
| **Claims incurred** | | | | | | | | |
| Gross – Direct business | - | - | - | - | - | - | - | - |
| Gross – Proportional reinsurance accepted | 12,396 | (2,358) | 119,231 | 111,110 | 718,026 | 156,364 | 66,341 | 18,287 |
| Gross – Non-proportional reinsurance accepted | | | | | | | | |
| Reinsurers' share | 5,595 | (1,116) | 61,973 | 64,029 | 352,715 | 79,705 | 38,954 | 1,242 |
| Net | 6,801 | (1,242) | 57,258 | 47,081 | 365,311 | 76,659 | 27,387 | 17,045 |
| **Changes in other technical provisions** | | | | | | | | |
| Gross – Direct business | - | - | - | - | - | - | - | - |
| Gross – Proportional reinsurance accepted | - | - | - | - | - | - | - | - |
| Gross – Non-proportional reinsurance accepted | | | | | | | | |
| Reinsurers' share | - | - | - | - | - | - | - | - |
| Net | - | - | - | - | - | - | - | - |
| **Expenses incurred** | **4,097** | **407** | **22,826** | **21,810** | **120,113** | **31,838** | **29,906** | **6,638** |
| **Other expenses** | | | | | | | | |
| **TOTAL EXPENSES** | | | | | | | | |

* *The table above presents lines of business applicable to SCOR.*

## S.05.01.02 – PREMIUMS, CLAIMS AND EXPENSES BY LINE OF BUSINESS (CONTINUED)

### SGP&C SE

| As at December 31, 2017 *In EUR thousands* | Line of business for accepted non-proportional reinsurance: Health | Casualty | Marine, aviation, transport | Property | Total |
|---|---|---|---|---|---|
| **Premiums written** | | | | | |
| Gross – Direct business | | | | | - |
| Gross – Proportional reinsurance accepted | | | | | 1,598,055 |
| Gross – Non-proportional reinsurance accepted | 7,253 | 222,527 | 72,930 | 917,254 | 1,219,964 |
| Reinsurers' share | 2,719 | 115,978 | 44,461 | 659,423 | 1,596,434 |
| Net | 4,534 | 106,549 | 28,469 | 257,831 | 1,221,585 |
| **Premiums earned** | | | | | |
| Gross – Direct business | | | | | - |
| Gross – Proportional reinsurance accepted | | | | | 1,597,104 |
| Gross – Non-proportional reinsurance accepted | 7,310 | 223,916 | 74,463 | 912,050 | 1,217,739 |
| Reinsurers' share | 2,719 | 115,150 | 44,318 | 654,005 | 1,586,595 |
| Net | 4,591 | 108,766 | 30,145 | 258,045 | 1,228,248 |
| **Claims incurred** | | | | | |
| Gross – Direct business | | | | | - |
| Gross – Proportional reinsurance accepted | | | | | 1,199,397 |
| Gross – Non-proportional reinsurance accepted | 3,352 | 226,162 | 44,295 | 749,082 | 1,022,891 |
| Reinsurers' share | 1,397 | 97,713 | 29,486 | 606,987 | 1,338,680 |
| Net | 1,955 | 128,449 | 14,809 | 142,095 | 883,608 |
| **Changes in other technical provisions** | | | | | |
| Gross – Direct business | | | | | - |
| Gross – Proportional reinsurance accepted | | | | | - |
| Gross – Non-proportional reinsurance accepted | - | - | - | - | - |
| Reinsurers' share | - | - | - | - | - |
| Net | - | - | - | - | - |
| **Expenses incurred** | **1,330** | **29,239** | **9,465** | **65,331** | **343,000** |
| **Other expenses** | | | | | **9,113** |
| **TOTAL EXPENSES** | | | | | **352,113** |

## S.05.02.01 – PREMIUMS, CLAIMS AND EXPENSES BY COUNTRY

### SGP&C SE

| As at December 31, 2017<br>*In EUR thousands* | Home country* | Top 5 countries (by amount of gross premiums written) – Non-Life obligations | | | | | Total Top 5 and home country |
|---|---|---|---|---|---|---|---|
| | | (US)<br>United States | (GB)<br>United Kingdom | (DE)<br>Germany | (IT)<br>Italy | (ES)<br>Spain | |
| **Premiums written** | | | | | | | |
| Gross – Direct business | - | - | - | - | - | - | - |
| Gross – Proportional reinsurance accepted | 277,337 | 150,155 | 204,658 | 203,971 | 120,540 | 64,470 | 1,021,131 |
| Gross – Non-proportional reinsurance accepted | 44,870 | 401,102 | 113,929 | 80,427 | 46,340 | 28,412 | 715,080 |
| Reinsurers' share | 265,270 | 266,582 | 178,918 | 156,745 | 83,971 | 48,348 | 999,834 |
| Net | 56,937 | 284,675 | 139,669 | 127,653 | 82,909 | 44,534 | 736,377 |
| **Premiums earned** | | | | | | | |
| Gross – Direct business | - | - | - | - | - | - | - |
| Gross – Proportional reinsurance accepted | 269,493 | 140,537 | 205,212 | 210,296 | 124,476 | 64,482 | 1,014,496 |
| Gross – Non-proportional reinsurance accepted | 41,125 | 403,748 | 109,563 | 81,725 | 46,278 | 28,750 | 711,189 |
| Reinsurers' share | 258,980 | 253,053 | 173,833 | 160,545 | 85,709 | 48,308 | 980,428 |
| Net | 51,638 | 291,232 | 140,942 | 131,476 | 85,045 | 44,924 | 745,257 |
| **Claims incurred** | | | | | | | |
| Gross – Direct business | - | - | - | - | - | - | - |
| Gross – Proportional reinsurance accepted | 264,794 | 177,954 | 149,125 | 138,110 | 70,655 | 43,763 | 844,401 |
| Gross – Non-proportional reinsurance accepted | (105,341) | 656,032 | 138,132 | 29,550 | 38,231 | 9,146 | 765,750 |
| Reinsurers' share | 214,930 | 392,902 | 174,811 | 80,293 | 56,235 | 26,449 | 945,620 |
| Net | (55,477) | 441,084 | 112,446 | 87,367 | 52,651 | 26,460 | 664,531 |
| **Changes in other technical provisions** | | | | | | | |
| Gross – Direct business | - | - | - | - | - | - | - |
| Gross – Proportional reinsurance accepted | - | - | - | - | - | - | - |
| Gross – Non-proportional reinsurance accepted | - | - | - | - | - | - | - |
| Reinsurers' share | - | - | - | - | - | - | - |
| Net | - | - | - | - | - | - | - |
| **Expenses incurred** | **52,981** | **51,807** | **42,784** | **37,744** | **23,136** | **12,657** | **221,109** |
| **Other expenses** | | | | | | | **-** |
| **TOTAL EXPENSES** | | | | | | | **221,109** |

* *France.*

## S.17.01.02 – NON-LIFE TECHNICAL PROVISIONS

### SGP&C SE

| As at December 31, 2017 *In EUR thousands* | Income protection insurance | Workers' compensation insurance | Motor vehicle liability insurance | Marine, aviation and transport insurance | Fire and other damage to property insurance | General liability insurance | Credit and suretyship insurance | Miscellaneous financial loss |
|---|---|---|---|---|---|---|---|---|
| **Technical provisions calculated as a whole** | - | - | - | - | - | - | - | - |
| Total recoverables from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default associated to TP as a whole | - | - | - | - | - | - | - | - |
| **Technical provisions calculated as a sum of BE and RM** | | | | | | | | |
| **Best estimate** | | | | | | | | |
| Premium provisions | | | | | | | | |
| Gross | (6,104) | (587) | (41,411) | (16,148) | (130,352) | (66,914) | (40,222) | 9,543 |
| Total recoverable from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default | (4,658) | (318) | (35,108) | (29,001) | (78,805) | (76,048) | (37,632) | (2,167) |
| Net best estimate of premium provisions | (1,446) | (269) | (6,303) | 12,853 | (51,547) | 9,134 | (2,590) | 11,710 |
| **Claims provisions** | | | | | | | | |
| Gross | 33,846 | 10,425 | 264,115 | 330,030 | 1,025,967 | 866,207 | 193,200 | 29,920 |
| Total recoverable from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default | 17,427 | 5,198 | 139,022 | 109,289 | 586,247 | 374,917 | 99,259 | 4,770 |
| Net best estimate of claims provisions | 16,419 | 5,227 | 125,093 | 220,741 | 439,720 | 491,290 | 93,941 | 25,150 |
| **Total best estimate – gross** | **27,743** | **9,838** | **222,704** | **313,881** | **895,615** | **799,292** | **152,977** | **39,462** |
| **Total best estimate – net** | **14,973** | **4,958** | **118,790** | **233,594** | **388,173** | **500,424** | **91,351** | **36,859** |
| **Risk margin** | **731** | **211** | **6,115** | **10,482** | **21,480** | **25,101** | **4,833** | **1,886** |
| **Amount of the transitional on technical provisions** | | | | | | | | |
| Technical provisions calculated as a whole | - | - | - | - | - | - | - | - |
| Best estimate | - | - | - | - | - | - | - | - |
| Risk margin | - | - | - | - | - | - | - | - |
| **TECHNICAL PROVISIONS – TOTAL** | | | | | | | | |
| Technical provisions – total | 28,473 | 10,049 | 228,819 | 324,364 | 917,095 | 824,394 | 157,811 | 41,349 |
| Recoverable from reinsurance contract/SPV and Finite Re after the adjustment for expected losses due to counterparty default – total | 12,769 | 4,880 | 103,914 | 80,288 | 507,442 | 298,869 | 61,627 | 2,603 |
| Technical provisions minus recoverables from reinsurance/SPV and Finite Re – total | 15,704 | 5,169 | 124,905 | 244,076 | 409,653 | 525,525 | 96,184 | 38,746 |

*The table above presents lines of business applicable to SCOR.*

## S.17.01.02 – NON-LIFE TECHNICAL PROVISIONS (CONTINUED)

### SGP&C SE

| | Accepted non-proportional reinsurance | | | | |
|---|---|---|---|---|---|
| **As at December 31, 2017** *In EUR thousands* | **Non-proportional health reinsurance** | **Non-proportional casualty reinsurance** | **Non-proportional marine, aviation and transport reinsurance** | **Non-proportional property reinsurance** | **Total Non-Life obligation** |
| **Technical provisions calculated as a whole** | - | - | - | - | - |
| Total recoverables from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default associated to TP as a whole | - | - | - | - | - |
| **Technical provisions calculated as a sum of BE and RM** | | | | | |
| **Best estimate** | | | | | |
| Premium provisions | | | | | |
| Gross | (4,473) | (106,227) | (28,997) | (138,372) | (570,264) |
| Total recoverable from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default | (1,590) | (77,137) | (26,104) | (267,023) | (635,591) |
| Net best estimate of premium provisions | (2,883) | (29,090) | (2,893) | 128,651 | 65,327 |
| **Claims provisions** | | | | | |
| Gross | 30,082 | 2,962,461 | 186,752 | 932,625 | 6,865,630 |
| Total recoverable from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default | 10,726 | 1,039,797 | 113,284 | 693,856 | 3,193,792 |
| Net best estimate of claims provisions | 19,356 | 1,922,664 | 73,468 | 238,769 | 3,671,838 |
| **Total best estimate – gross** | **25,609** | **2,856,234** | **157,756** | **794,253** | **6,295,366** |
| **Total best estimate – net** | **16,473** | **1,893,574** | **70,575** | **367,420** | **3,737,165** |
| **Risk margin** | **794** | **68,390** | **3,863** | **25,365** | **169,251** |
| **Amount of the transitional on technical provisions** | | | | | |
| Technical provisions calculated as a whole | - | - | - | - | - |
| Best estimate | - | - | - | - | - |
| Risk margin | - | - | - | - | - |
| **TECHNICAL PROVISIONS – TOTAL** | | | | | |
| Technical provisions – total | 26,403 | 2,924,624 | 161,618 | 819,618 | 6,464,617 |
| Recoverable from reinsurance contract/SPV and Finite Re after the adjustment for expected losses due to counterparty default – total | 9,136 | 962,660 | 87,180 | 426,833 | 2,558,201 |
| Technical provisions minus recoverables from reinsurance/SPV and Finite Re – total | 17,267 | 1,961,964 | 74,438 | 392,785 | 3,906,416 |

## S.19.01.21 – NON-LIFE INSURANCE CLAIMS INFORMATION

### Total Non-Life Business – Underwriting year

**Gross Claims Paid** *(non-cumulative) (absolute amount)*

| | Development year | | | | | | | | | | | In current year | Sum of years (cumulative) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 & + | | |
| Prior | | | | | | | | | | | 123,128 | 123,128 | 123,128 |
| N-9 | 58,071 | 399,954 | 179,351 | 108,623 | 86,884 | 31,754 | 29,208 | 12,304 | 11,160 | 8,878 | | 8,878 | 926,187 |
| N-8 | 74,681 | 354,276 | 209,091 | 71,363 | 60,429 | 33,142 | 29,690 | 14,677 | 10,175 | | | 10,175 | 857,524 |
| N-7 | 70,121 | 338,848 | 188,015 | 101,255 | 51,992 | 53,174 | 26,060 | 22,079 | | | | 22,079 | 851,544 |
| N-6 | 139,887 | 828,025 | 483,265 | 209,167 | 112,203 | 53,706 | 52,825 | | | | | 52,825 | 1,879,078 |
| N-5 | 36,738 | 682,962 | 369,259 | 152,400 | 77,495 | 58,660 | | | | | | 58,660 | 1,377,514 |
| N-4 | (39,805) | 687,742 | 435,010 | 185,583 | 90,090 | | | | | | | 90,090 | 1,358,620 |
| N-3 | 43,950 | 597,743 | 292,866 | 177,862 | | | | | | | | 177,862 | 1,112,421 |
| N-2 | 30,826 | 524,620 | 349,128 | | | | | | | | | 349,128 | 904,574 |
| N-1 | (110,803) | 557,472 | | | | | | | | | | 557,472 | 446,669 |
| N | 70,241 | | | | | | | | | | | 70,241 | 70,241 |
| **TOTAL** | | | | | | | | | | | | **1,520,538** | **9,907,500** |

**Gross undiscounted best estimate Claims Provisions** *(absolute amount)*

| | Development year | | | | | | | | | | | Year end (discounted data) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 & + | |
| Prior | | | | | | | | | | | 1,787,736 | 1,664,251 |
| N-9 | - | - | - | - | - | - | - | - | 184,279 | 172,612 | | 161,009 |
| N-8 | - | - | - | - | - | - | - | 200,364 | 183,589 | | | 171,548 |
| N-7 | - | - | - | - | - | - | 236,605 | 211,748 | | | | 200,336 |
| N-6 | - | - | - | - | - | 358,712 | 288,700 | | | | | 272,859 |
| N-5 | - | - | - | - | 445,573 | 642,117 | | | | | | 620,829 |
| N-4 | - | - | - | - | 441,794 | | | | | | | 417,940 |
| N-3 | - | - | 768,915 | 560,929 | | | | | | | | 531,706 |
| N-2 | - | 1,130,555 | 806,463 | | | | | | | | | 768,079 |
| N-1 | 1,072,060 | 1,097,720 | | | | | | | | | | 1,052,963 |
| N | 1,049,131 | | | | | | | | | | | 1,004,110 |
| **TOTAL** | | | | | | | | | | | | **6,865,630** |

## S.23.01.22 – OWN FUNDS

### SGP&C SE

| As at December 31, 2017<br>*In EUR thousands* | Total | Tier 1 – unrestricted | Tier 1 – restricted | Tier 2 | Tier 3 |
|---|---|---|---|---|---|
| **Basic own funds before deduction for participations in other financial sector** | | | | | |
| Ordinary share capital (gross of own shares) | 581,560 | 581,560 | | - | |
| Share premium account related to ordinary share capital | 987,391 | 987,391 | | - | |
| Initial funds, members' contributions or the equivalent basic own – fund item for mutual and mutual-type undertakings | - | - | | - | |
| Subordinated mutual member accounts | - | | - | - | - |
| Surplus funds | - | - | | | |
| Preference shares | - | | - | - | - |
| Share premium account related to preference shares | - | | - | - | - |
| **Reconciliation reserve** | **468,270** | **468,270** | | | |
| Subordinated liabilities | 452,819 | | 417,160 | 35,659 | - |
| An amount equal to the value of net deferred tax assets | 23,646 | | | | 23,646 |
| Other own fund items approved by the supervisory authority as basic own funds not specified above | - | - | - | - | - |
| **Own funds from the financial statements that should not be represented by the reconciliation reserve and do not meet the criteria to be classified as Solvency II own funds** | | | | | |
| Own funds from the financial statements that should not be represented by the reconciliation reserve and do not meet the criteria to be classified as Solvency II own funds | - | - | | | |
| **Deductions** | | | | | |
| Deductions for participations in financial and credit institutions | - | - | - | - | |
| **TOTAL BASIC OWN FUNDS AFTER DEDUCTIONS** | **2,513,686** | **2,037,221** | **417,160** | **35,659** | **23,646** |

## S.23.01.22 – OWN FUNDS (CONTINUED)

### SGP&C SE

| As at December 31, 2017 *In EUR thousands* | Total | Tier 1 – unrestricted | Tier 1 – restricted | Tier 2 | Tier 3 |
|---|---|---|---|---|---|
| **Ancillary own funds** | | | | | |
| Unpaid and uncalled ordinary share capital callable on demand | - | | | - | |
| Unpaid and uncalled initial funds, members' contributions or the equivalent basic own fund item for mutual and mutual – type undertakings, callable on demand | - | | | - | |
| Unpaid and uncalled preference shares callable on demand | - | | | - | - |
| A legally binding commitment to subscribe and pay for subordinated liabilities on demand | | | | | |
| Letters of credit and guarantees under Article 96(2) of the Directive 2009/138/EC | - | | | - | |
| Letters of credit and guarantees other than under Article 96(2) of the Directive 2009/138/EC | - | | | - | |
| Supplementary members calls under first subparagraph of Article 96(3) of the Directive 2009/138/EC | - | | | - | |
| Supplementary members calls – other than under first subparagraph of Article 96(3) of the Directive 2009/138/EC | - | | | - | - |
| Other ancillary own funds | - | | | - | - |
| **Total ancillary own funds** | **-** | | | **-** | **-** |
| **Available and eligible own funds** | | | | | |
| Total available own funds to meet the SCR | 2,513,686 | 2,037,221 | 417,160 | 35,659 | 23,646 |
| Total available own funds to meet the MCR | 2,490,040 | 2,037,221 | 417,160 | 35,659 | |
| Total eligible own funds to meet the SCR | 2,513,686 | 2,037,221 | 417,160 | 35,659 | 23,646 |
| **Total eligible own funds to meet the MCR** | **2,490,040** | **2,037,221** | **417,160** | **35,659** | |
| **SCR** | **1,350,558** | | | | |
| **MCR** | **607,751** | | | | |
| **Ratio of Eligible own funds to SCR** | **186.12%** | | | | |
| **Ratio of Eligible own funds to MCR** | **409.71%** | | | | |

## S.23.01.22 – OWN FUNDS (CONTINUED)

### SGP&C SE

| **As at December 31, 2017**<br>*In EUR thousands* | **Total** |
|---|---|
| **Reconciliation reserve** | |
| Excess of assets over liabilities | 2,310,938 |
| Own shares (held directly or indirectly) | - |
| Foreseeable dividends, distributions and charges | 250,071 |
| Other basic own fund items | 1,592,597 |
| Adjustment for restricted own fund items in respect of matching adjustment portfolios and ring fenced funds | - |
| **Reconciliation reserve** | **468,270** |
| **Expected profits** | |
| Expected profits included in future premiums (EPIFP) – Life business | - |
| Expected profits included in future premiums (EPIFP) – Non-Life business | 40,204 |
| **TOTAL EXPECTED PROFITS INCLUDED IN FUTURE PREMIUMS (EPIFP)** | **40,204** |

## S.25.03.21 – SOLVENCY CAPITAL REQUIREMENT – FOR UNDERTAKINGS ON FULL INTERNAL MODELS

### SGP&C SE

**As at December 31, 2017**
*In EUR thousands*

| Unique number of component | Components description | Calculation of the Solvency Capital Requirement |
|---|---|---|
| P&C underwriting | | 1,629,145 |
| Market | | 465,800 |
| Credit | | 64,943 |
| Operational | | 40,850 |
| **Calculation of Solvency Capital Requirement (SCR)** | | |
| Total undiversified components | | 2,200,738 |
| Diversification | | (537,969) |
| Capital requirement for business operated in accordance with Art. 4 of Directive 2003/41/EC (transitional) | | - |
| **Solvency Capital Requirement excluding capital add-on** | | **1,350,558** |
| Capital add-ons already set | | - |
| **Solvency Capital Requirement** | | **1,350,558** |
| **Other information on SCR** | | |
| Amount/estimate of the overall loss-absorbing capacity of technical provisions | | - |
| Amount/estimate of the overall loss-absorbing capacity of deferred taxes | | (312,211) |
| Total amount of Notional Solvency Capital Requirements for remaining part | | - |
| Total amount of Notional Solvency Capital Requirements for ring fenced funds (other than those related to business operated in accordance with Art. 4 of Directive 2003/41/EC (transitional)) | | - |
| Total amount of Notional Solvency Capital Requirement for matching adjustment portfolios | | - |
| Diversification effects due to RFF nSCR aggregation for Article 304 | | - |

## S.28.01.01 – MINIMUM CAPITAL REQUIREMENT – ONLY LIFE OR ONLY NON-LIFE INSURANCE OR REINSURANCE ACTIVITY

### SGP&C SE

**As at December 31, 2017**

*In EUR thousands*

| LINEAR FORMULA COMPONENT FOR NON-LIFE INSURANCE AND REINSURANCE OBLIGATIONS | | |
|---|---|---|
| $MCR_{NL}$ Result | 730,674 | |
| | **Net (of reinsurance/ SPV) Best estimate and TP calculated as a whole** | **Net (of reinsurance) written premiums in the last 12 months** |
| Medical expense insurance and proportional reinsurance | - | - |
| Income protection insurance and proportional reinsurance | 14,974 | 10,946 |
| Workers' compensation insurance and proportional reinsurance | 4,958 | 112 |
| Motor vehicle liability insurance and proportional reinsurance | 118,790 | 59,461 |
| Other motor insurance and proportional reinsurance | - | - |
| Marine, aviation and transport insurance and proportional reinsurance | 233,593 | 69,084 |
| Fire and other damage to property insurance and proportional reinsurance | 388,173 | 460,755 |
| General liability insurance and proportional reinsurance | 500,424 | 120,788 |
| Credit and suretyship insurance and proportional reinsurance | 91,351 | 80,491 |
| Legal expenses insurance and proportional reinsurance | - | - |
| Assistance and proportional reinsurance | - | - |
| Miscellaneous financial loss insurance and proportional reinsurance | 36,859 | 45,905 |
| Non-proportional health reinsurance | 16,473 | 4,662 |
| Non-proportional casualty reinsurance | 1,893,574 | 109,562 |
| Non-proportional marine, aviation and transport reinsurance | 70,576 | 29,271 |
| Non-proportional property reinsurance | 367,420 | 265,031 |

| LINEAR FORMULA COMPONENT FOR LIFE INSURANCE AND REINSURANCE OBLIGATIONS | | |
|---|---|---|
| $MCR_{L}$ Result | - | |
| | **Net (of reinsurance/ SPV) Best estimate and TP calculated as a whole** | **Net (of reinsurance/ SPV) total capital at risk** |
| Obligations with profit participation – guaranteed benefits | - | |
| Obligations with profit participation – future discretionary benefits | - | |
| Index-linked and unit-linked insurance obligations | - | |
| Other life (re)insurance and health (re)insurance obligations | - | |
| Total capital at risk for all life (re)insurance obligations | | - |

| OVERALL MCR CALCULATION | |
|---|---|
| Linear MCR | 730,674 |
| SCR | 1,350,558 |
| MCR cap | 607,751 |
| MCR floor | 337,639 |
| Combined MCR | 607,751 |
| Absolute floor of the MCR | 3,600 |
| **MINIMUM CAPITAL REQUIREMENT** | **607,751** |

# APPENDIX D

# SGL SE PUBLIC DISCLOSURE QRTS

## S.02.01.02 – BALANCE SHEET

### SGL SE

**Assets as at December 31, 2017**
*In EUR thousands*

| | Solvency II value |
|---|---|
| **Intangible assets** | **-** |
| **Deferred tax assets** | **94,540** |
| **Pension benefit surplus** | **-** |
| **Property, plant and equipment held for own use** | **6,687** |
| **Investments** | **5,683,480** |
| Property (other than for own use) | - |
| Participations and related undertakings | 3,921,856 |
| Equities | 42,949 |
| Equities – listed | - |
| Equities – unlisted | 42,949 |
| Bonds | 1,065,060 |
| Government bonds | 419,358 |
| Corporate bonds | 639,587 |
| Structured notes | 6,065 |
| Collateralised securities | 50 |
| Collective Investments Undertakings | 632,061 |
| Derivatives | 17,705 |
| Deposits other than cash equivalents | 2,149 |
| Other investments | 1,700 |
| **Assets held for index-linked and unit-linked contracts** | **-** |
| **Loans and mortgages** | **387,403** |
| Loans on policies | - |
| Loans and mortgages to individuals | - |
| Other loans and mortgages | 387,403 |
| **Reinsurance recoverables** | **1,374,059** |
| Non-Life and Health similar to Non-Life | - |
| Non-Life excluding Health | - |
| Health similar to Non-Life | - |
| Life and Health similar to Life, excluding Health and index-linked and unit-linked | 1,374,059 |
| Health similar to Life | 1,212,545 |
| Life excluding Health and index-linked and unit-linked | 161,514 |
| Life index-linked and unit-linked | - |
| **Deposits to cedents** | **6,320,053** |
| **Insurance and intermediaries receivables** | **105,740** |
| **Reinsurance receivables** | **(348)** |
| **Receivables (trade, not insurance)** | **91,574** |
| **Own shares** | **-** |
| **Amounts due in respect of own fund items or initial fund called up but not yet paid in** | **-** |
| **Cash and cash equivalents** | **82,527** |
| **Any other assets, not elsewhere shown** | **1,539** |
| **TOTAL ASSETS** | **14,147,254** |

## S.02.01.02 – BALANCE SHEET (CONTINUED)

### SGL SE

**Liabilities as at December 31, 2017**

| *In EUR thousands* | Solvency II value |
|---|---|
| **Technical provisions – Non-Life** | **-** |
| Technical provisions – Non-Life (excl. Health) | - |
| TP calculated as a whole | - |
| Best estimate | - |
| Risk margin | - |
| Technical provisions – Health (similar to Non-Life) | - |
| TP calculated as a whole | - |
| Best estimate | - |
| Risk margin | - |
| **Technical provisions – Life (excl. index-linked and unit-linked)** | **6,876,895** |
| Technical provisions – Health (similar to Life) | 2,901,897 |
| TP calculated as a whole | - |
| Best estimate | 2,648,138 |
| Risk margin | 253,759 |
| Technical provisions – Life (excl. Health and index-linked and unit-linked) | 3,974,998 |
| TP calculated as a whole | - |
| Best estimate | 3,530,123 |
| Risk margin | 444,875 |
| **Technical provisions – index-linked and unit-linked funds** | **-** |
| TP calculated as a whole | - |
| Best estimate | - |
| Risk margin | - |
| **Other technical provisions** | **-** |
| **Contingent liabilities** | **-** |
| **Provisions other than technical provisions** | **283** |
| **Pension benefit obligations** | **16,966** |
| **Deposits from reinsurers** | **2,080,424** |
| **Deferred tax liabilities** | **149,644** |
| **Derivatives** | **4,452** |
| **Debts owed to credit institutions** | **-** |
| **Financial liabilities other than debts owed to credit institutions** | **168,289** |
| **Insurance and intermediaries payables** | **162,890** |
| **Reinsurance payables** | **(16,613)** |
| **Payables (trade, not insurance)** | **82,408** |
| **Subordinated liabilities** | **996,992** |
| Subordinated liabilities not in basic own funds | - |
| Subordinated liabilities in basic own funds | 996,992 |
| **Any other liabilities, not elsewhere shown** | **25,757** |
| **TOTAL LIABILITIES** | **10,548,387** |
| **EXCESS OF ASSETS OVER LIABILITIES** | **3,598,867** |

## S.05.01.02 – PREMIUMS, CLAIMS AND EXPENSES BY LINE OF BUSINESS

### SGL SE

| As at December 31, 2017<br>*In EUR thousands* | Line of business* for Life reinsurance obligations<br>Health reinsurance | <br>Life reinsurance | Total |
|---|---|---|---|
| **Premiums written** | | | |
| Gross | 1,385,373 | 2,517,908 | 3,903,281 |
| Reinsurers' share | 430,912 | 1,110,682 | 1,541,594 |
| Net | 954,461 | 1,407,226 | 2,361,687 |
| **Premiums earned** | - | - | - |
| Gross | 1,375,346 | 2,518,166 | 3,893,512 |
| Reinsurers' share | 429,867 | 1,110,682 | 1,540,549 |
| Net | 945,479 | 1,407,484 | 2,352,963 |
| **Claims incurred** | - | - | - |
| Gross | 1,068,838 | 2,109,339 | 3,178,177 |
| Reinsurers' share | 320,618 | 963,828 | 1,284,446 |
| Net | 748,220 | 1,145,511 | 1,893,731 |
| **Changes in other technical provisions** | - | - | - |
| Gross | - | - | - |
| Reinsurers' share | - | - | - |
| Net | - | - | - |
| **Expenses incurred** | **188,148** | **318,207** | **506,355** |
| **Other expenses** | | | **39,993** |
| **TOTAL EXPENSES** | | | **546,348** |

* *The table above presents lines of business applicable to SCOR.*

## S.05.02.01 – PREMIUMS, CLAIMS AND EXPENSES BY COUNTRY

### SGL SE

| As at December 31, 2017<br>*In EUR thousands* | Home country* | Top 5 countries (by amount of gross premiums written) – Life obligations<br>(GB)<br>United Kingdom | (KR)<br>Korea, Republic of | (IE)<br>Ireland | (DE)<br>Germany | (CA)<br>Canada | Total Top 5 and home country |
|---|---|---|---|---|---|---|---|
| **Premiums written** | | | | | | | |
| Gross | 543,030 | 621,550 | 441,827 | 394,691 | 252,579 | 203,061 | 2,456,738 |
| Reinsurers' share | 284,131 | 539,786 | 138,024 | 160,289 | 7,978 | 9,686 | 1,139,894 |
| Net | 258,899 | 81,764 | 303,803 | 234,402 | 244,601 | 193,375 | 1,316,844 |
| **Premiums earned** | | | | | | | |
| Gross | 543,412 | 621,550 | 443,248 | 394,692 | 259,620 | 203,061 | 2,465,583 |
| Reinsurers' share | 284,344 | 539,786 | 138,024 | 160,290 | 7,982 | 9,686 | 1,140,112 |
| Net | 259,068 | 81,764 | 305,224 | 234,402 | 251,638 | 193,375 | 1,325,471 |
| **Claims incurred** | | | | | | | |
| Gross | 350,914 | 577,171 | 413,618 | 405,456 | 241,887 | 155,100 | 2,144,146 |
| Reinsurers' share | 180,479 | 512,154 | 134,175 | 172,107 | 5,700 | (2,877) | 1,001,738 |
| Net | 170,435 | 65,017 | 279,443 | 233,349 | 236,187 | 157,977 | 1,142,408 |
| **Changes in other technical provisions** | | | | | | | |
| Gross | - | - | - | - | - | - | - |
| Reinsurers' share | - | - | - | - | - | - | - |
| Net | - | - | - | - | - | - | - |
| **Expenses incurred** | **(16,374)** | **24,218** | **11,747** | **28,704** | **61,994** | **22,860** | **133,149** |
| **Other expenses** | | | | | | | **18,795** |
| **TOTAL EXPENSES** | | | | | | | **151,944** |

* *France.*

## S.12.01.02 – LIFE AND HEALTH SLT TECHNICAL PROVISIONS

### SGL SE

| **As at December 31, 2017**<br>*In EUR thousands* | **Accepted reinsurance (other than health)** | **Health reinsurance (reinsurance accepted)** |
|---|---|---|
| **Technical provisions calculated as a whole** | | |
| Total Recoverables from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default associated to TP calculated as a whole | - | - |
| **Technical provisions calculated as a sum of best estimate (BE) and risk margin (RM)** | | |
| **Best estimate** | | |
| **Gross best estimate** | **3,530,123** | **2,648,138** |
| Total recoverables from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default | 161,514 | 1,212,545 |
| Best estimate minus recoverables from reinsurance/SPV and Finite Re – total | 3,368,609 | 1,435,593 |
| **Risk Margin** | **444,875** | **253,759** |
| **Amount of the transitional on technical provisions** | | |
| Technical provisions calculated as a whole | - | - |
| Best estimate | - | - |
| Risk Margin | - | - |
| **TECHNICAL PROVISIONS – TOTAL** | **3,974,998** | **2,901,897** |

*The table above presents lines of business applicable to SCOR*

## S.23.01.01 – OWN FUNDS

### SGL SE

| As at December 31, 2017<br>*In EUR thousands* | Total | Tier 1 – unrestricted | Tier 1 – restricted | Tier 2 | Tier 3 |
|---|---|---|---|---|---|
| **Basic own funds before deduction for participations in other financial sector** | | | | | |
| Ordinary share capital (gross of own shares) | 287,040 | 287,040 | | - | |
| Share premium account related to ordinary share capital | 179,282 | 179,282 | | - | |
| Initial funds, members' contributions or the equivalent basic own – fund item for mutual and mutual-type undertakings | - | - | | - | |
| Subordinated mutual member accounts | - | | - | - | - |
| Surplus funds | - | - | | | |
| Preference shares | - | | - | - | - |
| Share premium account related to preference shares | - | | - | - | - |
| **Reconciliation reserve** | **3,032,545** | **3,032,545** | | | |
| Subordinated liabilities | 996,992 | | 205,364 | 791,628 | - |
| An amount equal to the value of net deferred tax assets | - | | | | - |
| Other own fund items approved by the supervisory authority as basic own funds not specified above | - | - | - | - | - |
| **Own funds from the financial statements that should not be represented by the reconciliation reserve and do not meet the criteria to be classified as Solvency II own funds** | | | | | |
| Own funds from the financial statements that should not be represented by the reconciliation reserve and do not meet the criteria to be classified as Solvency II own funds | - | - | | | |
| **Deductions** | | | | | |
| Deductions for participations in financial and credit institutions | - | - | - | - | |
| **TOTAL BASIC OWN FUNDS AFTER DEDUCTIONS** | **4,495,859** | **3,498,867** | **205,364** | **791,628** | **-** |

## S.23.01.01 – OWN FUNDS (CONTINUED)

### SGL SE

| As at December 31, 2017<br>*In EUR thousands* | Total | Tier 1 – unrestricted | Tier 1 – restricted | Tier 2 | Tier 3 |
|---|---|---|---|---|---|
| **Ancillary own funds** | | | | | |
| Unpaid and uncalled ordinary share capital callable on demand | - | | | - | |
| Unpaid and uncalled initial funds, members' contributions or the equivalent basic own fund item for mutual and mutual – type undertakings, callable on demand | - | | | - | |
| Unpaid and uncalled preference shares callable on demand | - | | | - | - |
| A legally binding commitment to subscribe and pay for subordinated liabilities on demand | | | | | |
| Letters of credit and guarantees under Article 96(2) of the Directive 2009/138/EC | - | | | - | |
| Letters of credit and guarantees other than under Article 96(2) of the Directive 2009/138/EC | - | | | - | |
| Supplementary members calls under first subparagraph of Article 96(3) of the Directive 2009/138/EC | - | | | - | |
| Supplementary members calls – other than under first subparagraph of Article 96(3) of the Directive 2009/138/EC | - | | | - | - |
| Other ancillary own funds | - | | | - | - |
| **Total ancillary own funds** | **-** | | | **-** | **-** |
| **Available and eligible own funds** | | | | | |
| Total available own funds to meet the SCR | 4,495,859 | 3,498,867 | 205,364 | 791,628 | - |
| Total available own funds to meet the MCR | 4,495,859 | 3,498,867 | 205,364 | 791,628 | |
| Total eligible own funds to meet the SCR | 4,495,859 | 3,498,867 | 205,364 | 791,628 | - |
| **Total eligible own funds to meet the MCR** | **3,840,587** | **3,498,869** | **205,364** | **136,354** | |
| **SCR** | **2,727,084** | | | | |
| **MCR** | **681,771** | | | | |
| **Ratio of Eligible own funds to SCR** | **164.86%** | | | | |
| **Ratio of Eligible own funds to MCR** | **563.33%** | | | | |

## S.23.01.01 – OWN FUNDS (CONTINUED)

### SGL SE

| **As at December 31, 2017** *In EUR thousands* | Total |
|---|---|
| **Reconciliation reserve** | |
| Excess of assets over liabilities | 3,598,867 |
| Own shares (held directly or indirectly) | - |
| Foreseeable dividends, distributions and charges | 100,000 |
| Other basic own fund items | 466,322 |
| Adjustment for restricted own fund items in respect of matching adjustment portfolios and ring fenced funds | - |
| **Reconciliation reserve** | **3,032,545** |
| **Expected profits** | |
| Expected profits included in future premiums (EPIFP) – Life business | 693,104 |
| Expected profits included in future premiums (EPIFP) – Non-Life business | - |
| **TOTAL EXPECTED PROFITS INCLUDED IN FUTURE PREMIUMS (EPIFP)** | **693,104** |

## S.25.03.21 – SOLVENCY CAPITAL REQUIREMENT – FOR UNDERTAKINGS ON FULL INTERNAL MODELS

### SGL SE

**As at December 31, 2017**
*In EUR thousands*

| Unique number of component | Components description | Calculation of the Solvency Capital Requirement |
|---|---|---|
| Life underwriting | | 2,969,209 |
| Market | | 1,362,586 |
| Credit | | 317,900 |
| Operational | | 160,479 |
| **Calculation of Solvency Capital Requirement (SCR)** | | |
| Total undiversified components | | 4,810,174 |
| Diversification | | (1,728,312) |
| Capital requirement for business operated in accordance with Art. 4 of Directive 2003/41/EC (transitional) | | - |
| **Solvency Capital Requirement excluding capital add-on** | | **2,727,084** |
| Capital add-ons already set | | - |
| **Solvency Capital Requirement** | | **2,727,084** |
| **Other information on SCR** | | |
| Amount/estimate of the overall loss-absorbing capacity of technical provisions | | - |
| Amount/estimate of the overall loss-absorbing capacity of deferred taxes | | (354,779) |
| Total amount of Notional Solvency Capital Requirements for remaining part | | - |
| Total amount of Notional Solvency Capital Requirements for ring fenced funds (other than those related to business operated in accordance with Art. 4 of Directive 2003/41/EC (transitional)) | | - |
| Total amount of Notional Solvency Capital Requirement for matching adjustment portfolios | | - |
| Diversification effects due to RFF nSCR aggregation for Article 304 | | - |

## S.28.01.01 – MINIMUM CAPITAL REQUIREMENT – ONLY LIFE OR ONLY NON-LIFE INSURANCE OR REINSURANCE ACTIVITY

### SGL SE

**As at December 31, 2017**

*In EUR thousands*

| LINEAR FORMULA COMPONENT FOR NON-LIFE INSURANCE AND REINSURANCE OBLIGATIONS | | |
|---|---|---|
| $MCR_{NL}$ Result | - | |
| | **Net (of reinsurance/SPV) Best estimate and TP calculated as a whole** | **Net (of reinsurance) written premiums in the last 12 months** |
| Medical expense insurance and proportional reinsurance | - | - |
| Income protection insurance and proportional reinsurance | - | - |
| Workers' compensation insurance and proportional reinsurance | - | - |
| Motor vehicle liability insurance and proportional reinsurance | - | - |
| Other motor insurance and proportional reinsurance | - | - |
| Marine, aviation and transport insurance and proportional reinsurance | - | - |
| Fire and other damage to property insurance and proportional reinsurance | - | - |
| General liability insurance and proportional reinsurance | - | - |
| Credit and suretyship insurance and proportional reinsurance | - | - |
| Legal expenses insurance and proportional reinsurance | - | - |
| Assistance and proportional reinsurance | - | - |
| Miscellaneous financial loss insurance and proportional reinsurance | - | - |
| Non-proportional health reinsurance | - | - |
| Non-proportional casualty reinsurance | - | - |
| Non-proportional marine, aviation and transport reinsurance | - | - |
| Non-proportional property reinsurance | - | - |

| LINEAR FORMULA COMPONENT FOR LIFE INSURANCE AND REINSURANCE OBLIGATIONS | | |
|---|---|---|
| $MCR_L$ Result | 491,133 | |
| | **Net (of reinsurance/SPV) Best estimate and TP calculated as a whole** | **Net (of reinsurance/ SPV) total capital at risk** |
| Obligations with profit participation – guaranteed benefits | - | |
| Obligations with profit participation – future discretionary benefits | - | |
| Index-linked and unit-linked insurance obligations | - | |
| Other life (re)insurance and health (re)insurance obligations | 4,804,202 | |
| Total capital at risk for all life (re)insurance obligations | | 557,492,152 |

| OVERALL MCR CALCULATION | |
|---|---|
| Linear MCR | 491,133 |
| SCR | 2,727,084 |
| MCR cap | 1,227,188 |
| MCR floor | 681,771 |
| Combined MCR | 681,771 |
| Absolute floor of the MCR | 3,600 |
| **MINIMUM CAPITAL REQUIREMENT** | **681,771** |

Design and production: côtécorp.
Tel. +33 (0)1 55 32 29 74

The Art & Science of Risk


**SCOR SE**
European Company
With a share capital
of EUR 1,524,196,637.05
RCS Paris B 562 033 357

**Corporate Office**
5, avenue Kléber
75116 Paris
France

**Mail address**
5 avenue Kléber
75795 Paris Cedex 16 – France
Telephone: +33 (0)1 58 44 70 00
Fax: +33 (0)1 58 44 85 00

**www.scor.com**