# SCOR 2020 Investor Day

September 9, 2020





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#### **Financial information:**

The Group's financial information contained in this presentation is prepared on the basis of IFRS and interpretations issued and approved by the European Union. Unless otherwise specified, prior-year balance sheet, income statement items and ratios have not been reclassified. The calculation of financial ratios (such as book value per share, return on investments, return on invested assets, Group cost ratio, return on equity, combined ratio and life technical margin) are detailed in the Appendices of the H1 2020 presentation (see page 22). The first half 2020 financial information included in this presentation has been subject to the completion of a limited review by SCOR's independent auditors. Unless otherwise specified, all figures are presented in Euros. Any figures for a period subsequent to June 30, 2020 should not be taken as a forecast of the expected financials for these periods. The Solvency II results are unaudited.











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## SCOR 2020 Investor Day

13:00 – 13:15	Introduction
13:15 – 13:50	SCOR Global Life is ready to build the future and partners (and Q&A)
13:50 – 14:25	SCOR Global P&C is uniquely positioned to opportunities (and Q&A)
14:25 — 14:30	Break
14:30 – 15:00	SCOR Global Investments demonstrates its Covid-19 pandemic and executes on "Quant
15:00 – 15:10	SCOR delivers on the Tech ambition of "Quatowards sustainability (and Q&A)
15:10 – 15:35	SCOR's robust ERM framework supports the growth opportunities (and Q&A)
15:35 – 16:00	SCOR has the financial strength and agility to opportunities (and Q&A)
16:00 – 16:05	Closing remarks



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	Denis Kessler
e of Life insurance with its clients	Paolo De Martin Brona Magee
capture profitable growth	Jean-Paul Conoscente Laurent Rousseau
ability to navigate through the tum Leap" (and Q&A)	François de Varenne
antum Leap" and progresses	Romain Launay
e Group in capturing profitable	Frieder Knüpling
to capture profitable growth	Mark Kociancic
	Denis Kessler





SCOR is well positioned to capture profitable growth opportunities

> **Denis Kessler** Chairman & CEO

September 9, 2020





## Investor Day 2020

#### Key industry issues

## SCOR's key positive messages for today



Impact of Covid-19

 SCOR is absorbing the impact of Covid-19 and SCOR Global Life claims experience is emerging better than expected, and better than booked in H1 2020



- value creation assets



- strong growth with positive pricing dynamics
- and the depth of its global franchise



 SCOR extracts value first and foremost from underwriting SCOR's defensive stance has protected the portfolio, and SCOR is reinvesting in

SCOR has a very positive view of the P&C hardening market and is expecting

SCOR will benefit from this improving environment thanks to its optimal solvency.





## The Covid-19 pandemic and the way it is managed reveal an increase in risk aversion within modern societies



Indelible marks on the collective unconscious



Risk aversion on the rise

Public risk management at the forefront

Search for maximal protection of human assets

- Risk occurrence to be increasingly traumatic
- Risks feared more deeply
- Calls for protection and prevention to grow
- consequences
- Necessity for governments to lower the probability of such events

- Pressure from governments on the insurance and reinsurance industry

- Considerable rise in spending on health and in demand for health care
- Preservation of human life and reduction of suffering at all costs



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Shock leading to multidimensional impacts – whether health-related, economic, financial, social or geopolitical – and triggering a chain reaction on a global scale (as opposed to natural catastrophes, industrial accidents, etc.) Risk that is both collective and individualized and that is simultaneously exogenous and endogenous Invisible danger triggering both individual and collective fears, and creating a deep sense of "vulnerability"

Pressure on governments to be better prepared to protect their populations and to intervene financially to limit the

• Necessity to limit their impact for the overall population and for each individual when they do occur Necessity for better crisis-containment responses, better coordination and improved communication

• Substantial rise in the value placed on life and physical integrity throughout the world Greater propensity to protect human assets, both qualitatively and quantitively





# The Covid-19 pandemic impacts the risk universe and should be beneficial for the long-term growth of the insurance and reinsurance industry

### **Direct impact**

- Strong new demand for pandemic covers globally
- Burgeoning of initiatives to set up public-private partnerships to ensure greater resilience against future pandemics ("Pandemic Re", governments' "backstop" schemes, etc.)

### New macroeconomic environment

- Massive interventions from governments and central banks
- Interest rates at historic lows
- Inflation control no longer a concern

Covid-19 and the persisting low yield environment will act as catalysts and drive stronger growth for the insurance and reinsurance industry



#### **Indirect impact**

- Growing risk aversion to drive higher global demand for risk covers, both on the Life side and on the P&C side
- Increasing protection gap to be filled globally
- Further catalyst for a revision of the cost of risk on the P&C market





## SCOR is well positioned to capture profitable growth opportunities



SCOR is well-placed in this new beneficial environment for the reinsurance industry



Absorption of the Covid-19 pandemic shock



Clear profitable growth opportunities ahead



Strong balance sheet with superior rating and optimal solvency



Global scalable platform powered by the use of new technologies







U.S. Covid-19 mortality impact projected to reduce significantly over 2021 as vaccine is anticipated to become available



#### **SCOR Global P&C** Covid-19 claims developing as expected

- Impact booked in Q2 2020 at EUR 248 million (net of retro and reinstatement premium, pre-tax)
- SCOR prudent booking approach confirmed
  - Credit, Surety & Political risks: claims activity similar to or lower than observed during Great Financial Crisis
  - Property Business Interruption (BI) risks: although preliminary at this stage, several court decisions confirming adherence to contract wordings
- No change in assessment
- Paid claims as of August 28, 2020: ca. EUR 3 million





#### Key market trends indicate a generalized hardening of the P&C market

- Increasing risk aversion and demand for reliable (re)insurance solutions
- Accelerating primary markets hardening driven by capacity shortage in specialty lines
- Market trending towards an across-the-board hardening by contrast with a Cat-driven turn
- Lower retro capacity making the case for higher reinsurance gross returns
- Clarifying T&Cs (e.g. peril exclusions, hours clauses)
- Hardening expected to be significant, progressive, and long-lasting

### Updating 2021E EGPI<sup>1)</sup> growth assumption to 15%<sup>2)</sup>



- Estimated Gross Premium Income, Underwriting Year
- 2) Could be revised down if market not improving as expected At constant exchange rates

# SCOR Global P&C is ideally positioned to benefit from the (re)insurance market

#### **SCOR Global P&C has a recognized Tier 1 status**

- Tier 1 diversified & global reinsurance franchise able to access risks locally, with disciplined and consistent underwriting mindset across cycles
- Specialty Insurance niche and technical underwriting unit with recognized expertise for complex risks (e.g. energy, construction, space)
- Pioneer user of retrocession and ILS instruments, which has always kept its "gross underwriting" DNA
- Building of a Tier 1 U.S. franchise, with underweight exposure to long-tail lines
- Client-driven organization able to source business directly, to influence T&Cs, to design new products







### The pandemic accelerates the epochal transformation of Life insurance

- Life insurance becoming more desirable, with higher awareness of the importance of Life and Health products
- Increasing interest in consumers in their own health
- Acceleration of digital opportunities
- Medical underwriting getting disrupted and creating the need for alternative approaches (Electronic Health Record, e-UW, predictive modeling, etc.)
- SCOR Global Life well positioned to benefit from these new trends



SCOR Global Life is confident and ready to build the future of Life insurance with

### **Transforming the value proposition from** simple risk-taker to partnering for impact

- A well established and diversified franchise combining growth and profitability
- Generating strong value in markets where SCOR Global Life can have an impact
- Continuing to offer innovative solutions through the consumer journey with a strong foundation of data and knowledge
- Transforming Life insurance from a product to an experience in true boundaryless ecosystems









1) Of which EUR ~2.6 billion returned to shareholders through dividends and share buy-back

2) Financial Strength Rating of "A+" (different scale from other rating agencies) - Long-Term Issuer Credit Ratings (ICR) of "aa-" (same scale as the other rating agencies)



**Tier 1 global footprint** 



- Nimble organization
- Go-to market approach: worldwide presence with 38 offices
- Global talent pool: 475 qualified actuaries and 102 PhDs



**EUR 250m investment in technologies** across "Quantum Leap" to digitize operations, of which EUR 113m has already been deployed

**Blockchain** 



Digitize data exchanges all along the (re)insurance value chain

Automate regular and repetitive tasks



Leverage scalable approach for computation, modeling & analysis



**Big data** 

Optimize processes & enhance modelling

> Extract more value from abundant data



## SCOR remains committed to its "Quantum Leap" targets

## **Profitability (RoE) target**



## **RoE above 800 bps** over the 5-year risk-free<sup>1)</sup> rates over the cycle



## **Solvency target**



## **Solvency ratio** in the optimal 185% to 220% range



## SCOR reaffirms its strategy based on Consistency and Transformation to capture profitable opportunities and enhance value creation

## QUANTUN/LEAP 2019/2021 Transformation Accelerating investment in technology to enhance operational efficiencies ... • ... and expanding capabilities to better serve clients Filtering all businesses through value creation metrics

## Consistency

- Focusing on the twofold objective of profitability and solvency, with equal weight
- Respecting an upper mid-level risk appetite
- Ensuring strict adherence to cornerstones
- Focusing on technical profitability
- Maintaining a prudent asset management



Actively preparing IFRS 17

Enhancing value creation through accelerating growth in a new and supportive environment







## Video #1





SCOR Global Life is ready to build the future of Life Insurance with its clients and partners

> Paolo De Martin CEO of SCOR Global Life

Brona Magee Deputy CEO of SCOR Global Life

> Scor Investor Day September 9, 2020



Life



## IR Day 2020

## Life

# 1 SCOR Global Life is a well established and diversified franchise, combining growth and profitability

The Covid-19 pandemic shows the strength of the organization and the resilience of the business

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Life

Transforming the value proposition – confidently delivering on "Quantum Leap"





## We are SCOR Global Life





Extending Protection & Peace of Mind

Making Life insurance Relevant & Desirable

Building the future of Life insurance together



(-1/-)

Improving Health & Well-Being

Expanding Risk Knowledge

Inspiring
 Purpose-Driven Communities

Keeping our Financial Promises

...Because Life is Precious, we Value Life





## SCOR Global Life is a well established global diversified franchise





- 1) Including Critical Illness, Disability, Long-Term Care
- 2) Resources as of July 31, 2020

3) SCOR own research & estimates



## Combining growth with strong profitability and productivity

### Meeting growth assumptions with strong profitability and value creation...

(Actuals – rebased at 2016 FX)



#### ... with consistently improving productivity





1) Value of New Business after risk margin and tax – 2016 VNB estimated, used only for comparison purposes





## Delivering innovative solutions, inspired by an exciting vision of the future

#### Our vision of the future

Because Life is precious, we Value Life



value

creating long term

Impact

**Providing solutions for cradle-to-grave insurance needs** 



Implementing solutions that improve health and odds facing death or illness



**Developing world-class, relevant, sophisticated risk** expertise



Inspiring clients and partners and learning from them



Being intentional about how teams organize themselves & their work

#### **Building the future of life insurance with clients**



1) NMG Consulting Global Life & Health Reinsurance Study 2019 – Brand associations for SCOR

2) NMG Consulting Global Life & Health Reinsurance Study 2019 – Business Capabilities Review – Product Innovation – SCOR's Priority clients





## "Quantum Leap" plan prepares SCOR Global Life for a changing world



SCOR Global Life has built an organization ready for the unexpected



# ...with a strong foundation based on an agile organisation



Changing the way of working with each other, creating communities and fostering agility across the organisation



**Increasing the focus on data and knowledge,** with the implementation of an innovative IT architecture and a new agile Data Analytics Solutions team



Creating and empowering 9 macro-markets and eliminating regional layers to be closer to the markets, leveraging on local expertise



Accelerating our work on operational transformation, improving operational efficiency with technology and innovation



## IR Day 2020

## Life



Transforming the value proposition – confidently delivering 3 on "Quantum Leap"



Life

SCOR Global Life is a well established and diversified franchise, combining growth

2 The Covid-19 pandemic shows the strength of the organization and the resilience of the business







## The Covid-19 pandemic shows the resilience of our business

#### The Covid-19 pandemic world





The impact of the Covid-19 crisis cannot be accurately assessed at this stage, given the uncertainty related both to the magnitude and duration of the Covid-19 pandemic and to the possible effects of future governmental actions and/or legal developments 1) Infection Fatality Rate



# Confirming lower exposure to Covid-19 for reinsured population; positive outlook for medical development

### Lower exposure for reinsured population

- Impact on our reinsured portfolio significantly lower than the general population:
  - Healthier lives underwriting selection
  - Higher socio-economic groups benefit from better healthcare and better adherence to containment measures
  - Lower proportion of older lives
  - In several markets, products reinsured are not exposed
- Main exposure coming from U.S. mortality book
- Claims outside U.S. expected to be not material €16m reported (up to August 31st)





- Emerging claims experience confirms strong difference between general population and insured population
- Situation closely monitored using a detailed and evolving proprietary epidemiological model assessment at state level
- More recent surge in Q3, heavily driven by Southern states, has started to stabilize and decline
- Significant uncertainty remains moving into fall/winter period, though potential for reduced flu impact from containment measures





The impact of the Covid-19 crisis cannot be accurately assessed at this stage, given the uncertainty related both to the magnitude and duration of the Covid-19 pandemic and to the possible effects of future governmental actions and/or legal developments 1) New York Times Coronavirus Vaccine Tracker

#### Claims emergence in U.S. better than expected



### **Positive outlook for medical** development

- Strong progress on vaccine development 36 vaccine in clinical trials on humans, 9 in phase 3 trials<sup>1)</sup>
- Advances in medical treatments continue to reduce the lethality of the virus – expect further developments here
- Testing strategy potential move to low cost, high frequency testing to focus on infectious people
- Constantly reviewing our understanding with recognized experts







#### US proprietary epidemiological modeling



SCOR Life The Art & Science of Risk

The impact of the Covid-19 crisis cannot be accurately assessed at this stage, given the uncertainty related both to the magnitude and duration of the Covid-19 pandemic and to the possible effects of future governmental actions and/or legal developments; 1) Covid-19 reported deaths; 2) Estimate of excess mortality prepared by SCOR based on analysis of US population death statistics published by the Centre for Disease Control (CDC) 3) 5-day moving average for the Actuals – source Johns Hopkins University; 4) R0 reached at peak – does not represent the entire period; additional 0.1% IFR reduction linked to vaccine introduction

# U.S. Covid-19 mortality impact projected to reduce significantly over 2021 as vaccine is expected to become available



#### Introducing vaccine availability in our medium-term forecast:

Please note: timing and efficacy of future vaccines remain highly uncertain. Below assumptions rely on expert judgment.

#### **Key assumptions:**

- Inoculation starting point: probability weighted Q1 2021 60% / Q2 2021 25% / Q3 2021 10% / no vaccine in 2021 5%
- Vaccine take-up: 55% total over first year available: 15% inoculated by end of first available quarter / 20% in the second / 15% in the third / 5% in the fourth
- Vaccine effectiveness: 50% to reflect the fact that a better candidate would take longer to develop and a less effective vaccine might not be authorized

#### **Further underlying assumptions:**

- Vaccine gives immunity for at least 1 year vaccines assumed to be repeated as necessary to maintain immunity
- Vaccine is assumed to provide sterilizing immunity vaccine take-up anticipated higher if only functional immunity
- Vaccine approval process ensures vaccine's safety
- Vaccine availability does not change risk behavior of individuals





#### Q2 incurred claims emerging better than expected



- Confirming significantly lower deaths in our reinsured portfolio compared to general population
- Covid-19 claims are emerging better than previously expected, with an actual over expected claims ratio of 62% as of August 31
- Covid-19 claims emergence characterized by low face amounts

Note: Claims still developing - still subject to volatility particularly from potential large claims



# U.S. Covid-19 claims emerging better than expected – improving outlook, business expected to return to Quantum Leap assumption range in H2-2021



• Full-year 2021 Technical Margin estimated at between 6.5% and 7.0%

Note: Estimates are subject to significant uncertainty and will be monitored closely and updated regularly





## Video #2



# Our customers also spoke up



### IR Day 2020

## Life

SCOR Global Life is a well established and diversified franchise, combining growth and profitability

2 The Covid-19 pandemic shows the strength of the organization and the resilience of the business

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Life

Transforming the value proposition – confidently delivering on "Quantum Leap"



## The pandemic accelerates the epochal transformation of the industry ReMark. Global Consumer Survey

Life insurance has become more desirable	<ul> <li>Raised awareness of the im</li> <li>41% of consumers on avera</li> <li>Increasing demand from a v</li> </ul>
Consumers are increasingly interested in their health	<ul> <li>Heightened awareness of the 76% of people state that Calsay they will become more for 83% of people say they will</li> </ul>
Digital opportunities are accelerating	<ul> <li>Online banking and insurant</li> <li>Digital players see boom in</li> <li>With instant digitalization, co</li> <li>Older consumers embrace of</li> </ul>
Medical underwriting is disrupted	<ul> <li>Traditional medical undervision discomfort</li> <li>Temporary solutions now ur</li> <li>Alternative underwriting appreciate classifier</li> </ul>



mportance of Life and Health-related insurance products rage have changed their minds on insurance as a direct result of Covid-19 wider and younger population

the importance of managing chronic conditions (diabetes, high blood pressure etc.) Covid-19 has encouraged them to be more proactive about managing their health, 69% of it and active

Il have an increased focus on personal hygiene (hand-washing etc.)

nce transactions have increased by 45% worldwide vs. one year before<sup>1)</sup> n demand while traditional agents adapt to digital processes companies have access to far more customer data e digital technology

rwriting becomes difficult due to health professional unavailability and consumer

Temporary solutions now under pressure to become permanent Alternative underwriting approaches (Electronic Health Records (EHR), e-Underwriting, Predictive models) now needed to allow risk classification in a non-intrusive manner



## Confidently executing and delivering on "Quantum Leap"





#### Maximizing global relevance and impact

Creating impact and value, recognizing the different dynamics in different markets

Pillar 1

#### Leveraging leadership position in the U.S.

Making life insurance more accessible while optimizing the inforce book

Pillar 2



**Accelerating the transformational journey** 



**Responding to an industry in transformation** 



Unleashing the preciousness of life through data & knowledge

Transforming our value proposition through innovation

Pillar 3

**Keeping our financial promises** 

Continuing to meet financial promises

Pillar 4

Foundation





## "Quantum Leap" is about transforming our value proposition







## Developing and offering innovative solutions all along the customer journey



SCOR Life

Partnership

Partnership & Investment





#### **Developing social media platforms** for product distribution





In China, designing & building an entire insurance product ecosystem



From marketing to post-sales care management



Distribution realized via social media platforms

#### **Implementing an alternative** digital application channel





In the U.S., developing an alternative digital application channel





Using eDirect Messages with embedded personal URLs



Enabling policy cross-selling & upgrades

#### **Designing & building an online** sales portal





In Malaysia, designing & building an online sales portal for one of our clients



Offering through this portal a full suite of Life & Health products



Empowered by Velogica




## Transforming Life insurance from a product to an experience – Korea example

### **Providing so much more than just financial** protection



#### **Creating awareness of the need for cancer insurance** using sales app and gamification

- Optimal insurance benefit selection based on A.I. risk prediction
- Mental Health check and food & lifestyle suggestions

#### Maintaining constant engagement for policyholders to stay healthy with preventive care

- Regular check-ups & coaching supported by technology
- Specific disease scanning including genetic tests



#### Providing the best possible care in the event of illness

- Home care service
- Specific care such as pain relief, depression, rehabs





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## New value proposition drives our focus on markets where we can have an impact





- Continued growth potential and a large protection gap with increased awareness of the value of Life insurance
- Asia is leading the transformation of our value proposition
- Strong focus on product development, data driven solutions and digital support

- Continuing to create long-term value in mature markets with innovative solutions
- Maintaining a cautious approach to underwriting, while the pandemic is still in circulation
- Exited Israel, Greece, Middle East and Turkey, with an expected minimal impact on VNB and technical result



# Maintaining discipline in





## Growing in Asia-Pacific, leveraging innovation and product development

#### Maximizing impact and creating value

Protection GWP in EUR bn – at current FX





Note: Growth rate at constant FX

1) Value of New Business after risk margin and tax; 2) Normalized for a one-off deal; 3) NMG Consulting Global Life & Health Reinsurance Study 2019 - Asia-Pacific - SCOR's Target Markets







## Leveraging our leadership position in the U.S. to make insurance more accessible

#### **Developing innovative propositions and partnerships** GWP in EUR bn + 0% to 2% p.a. 🗸 At current fx 4.5 4.5 4.4 0.2 02FinSol 4.3 4.3 4.2 Protection 2019 2021E 2020E **VNB**<sup>1)</sup> (in EUR m) 65m<sup>2)</sup> ~65m ~85m Bringing more protection to more people with a new proposition 64 business 🐤 Health IQ Haven Life Covr Strong investment in data analytics to build the future of underwriting <u>.</u>କ୍ରୁ Continuing to develop our Health and Wellness engagement offering The profitability of new business is resilient to Covid-19 and we retain disciplined pricing, learning from inforce analysis



1) Value of New Business after risk margin and tax; 2) 2019 VNB adjusted to a like to like basis with 2020E and 2021E models; 3) Single and Joint Life Actuals/Expected by Exposure Year, per date of death, seasonally adjusted



### Impact of Covid-19 is manageable, expecting to fully return to "Quantum Leap" long-term financial assumptions by H2 2021





Note: Growth rate at constant FX

1) Value of New Business after Risk Margin and Taxes - The sum of the VNBs on prior slides does not match the total VNB on this slide due to retrocession and U.S. Financial Solutions; 2) Net Technical Margin; 3) 2019 GWP at EUR 9.2bn as reported - EUR 9.0bn excluding market exits of EUR 0.2bn; 4) Includes Medical, Critical Illness, Disability and Long-Term Care



## Confident and ready to build the future of Life Insurance with our clients and partners

#### SCOR Global Life has shown its resilience – absorbing the financial impact of the pandemic

- A well established and diversified franchise, combining growth and profitability
- An agile organization well prepared for a changing world, driven by a clear vision of the future and a strong focus on data and knowledge
- Efficiently tackling the operational challenges of the entry and active phases of the pandemic by taking quick and decisive actions
- Successfully absorbing the financial impact of Covid-19 and expecting to return to Quantum Leap long-term financial assumptions by H2 2021



#### **Transforming the value proposition –** from simple risk taker to partnering for impact

- Well positioned to benefit from an epochal change in the Life insurance industry
- Developing and offering innovative solutions throughout the customer journey with a strong foundation of data and knowledge
- Transforming life insurance from a product to an experience in true boundaryless ecosystems
- Growing and generating strong value in markets where we can have an impact

#### ...Because Life is Precious, we Value Life













SCOR Global P&C is uniquely positioned to capture profitable growth opportunities

> Jean-Paul Conoscente CEO of SCOR Global P&C

Laurent Rousseau Deputy CEO of SCOR Global P&C

> Scor Investor Day September 9, 2020

SCOR

P&C



### IR Day 2020

### P&C



P&C

### 1 A new and supportive P&C market environment

- 2 SCOR Global P&C ambitious growth plan
  - (3) SCOR Global P&C delivering on "Quantum Leap"





### SCOR Global P&C's Covid-19 claims are developing as expected

Q2 2020 Assessment (July 26, 2020)

 Impact booked by SCOR Global P&C in Q2 2020 at EUR 248 million (net of retro and reinstatement premium, pre-tax)

 Cedents actively monitoring / reducing exposure with efficient impacts of governmental measures (likely to be prolonged) & Political risks (CSPR) • Claims activity similar or lower than observed during Great Financial Crisis Property Several situations brought to courts and **Business** juries with several decisions confirming Interruption adherence to contract wordings **(BI)** • Very preliminary at this stage business

Credit, Surety, **Other Lines of** 



#### September 9, 2020: No change, Q2 2020 booking confirmed





### Covid-19 characteristics lead now to a reinforcement of the P&C (re)insurance market hardening which is expected to be significant, generalized, and long-lasting

Market hardening drivers	Casualty crisis (end of 90s) Global	World Trade Center (2001) Local	Katrina Rita Wilma (2005) Local	Covid-19 (2020) Global
Total insured losses	c. USD 120bn <sup>1)</sup>	c. 40bn USD	c. 100bn USD	[40bn – 100bn] USD
Impacted lines of business	Casualty	Multiple	Property Cat	Multiple
Market capacity withdrawal / capital shortfall	Shortfall	Withdrawal	Withdrawal	Overall excess
Market reserves' adequacy level	Shortfall	Significant shortfall	Adequate	Depleted due to Cat and US casualty claims activity
Social inflation	Existing and accelerating trend	Existing and accelerating trend	No trend	Existing and accelerating trend
Interest rates level <sup>2)</sup>	Upper mid single digit %	Mid single digit %	Mid single digit %	Close to 0%
Subsequent (re)insurance rate reaction	Double-digit on casualty lines	Mid double-digit impact on commercial (re)insurance rates overall	Mid double-digit impact limited to Property Cat	Significant, progressive, and sustained, impacting all Lines of Business



1) As illustrated by Asbestos and Environmental market losses in the 1990s, AM Best and V.J. Dowling estimates

2) US 10-year treasury coupon rate

**Despite market's overall excess** capacity, Covid-19 should mark a turning point and reinforce hardening features:

- Technical results need to compensate the financial income lost from permanent low interest rates
- Covid-19 is large, global, spread over time, bringing a high level of uncertainty and impacting all Lines of Business
- Market hardening should continue in 2021 and beyond, with an expected acceleration across all Lines of Business and geographies













## Looking forward, the outlook for the P&C (re)insurance market is very positive

#### Increased demand for (re)insurance

- Larger need for primary insurance and corporations linked to expanded risk universe and post-crisis increased risk aversion
- Increased demand for Tier 1 reinsurance to protect earnings and capital from uncertainties (flight-to-quality)

### **Readjustment on the supply side**

- Decrease in solvency positions
- Lower financial returns
- Three years of heavy CAT loads, social inflation and impact of Covid-19
- Limited influx from 3<sup>rd</sup> party capital

Market environment conducive to profitable top-line growth, with prudence required by industry on legacy assessment





 Since 2019, strong and global rate hardening in Property and most of the Specialty lines, with 3<sup>rd</sup> party lines trending towards rates adequacy

### Reinsurance rates



- Beginning of a reinsurance hard market in 2020, with rate and terms improvements materializing across geographies and Lines of Business
- Expected to continue in 2021 and potentially beyond







### IR Day 2020

### P&C

A new and supportive P&C market environment

3)



P&C

### 2 SCOR Global P&C ambitious growth plan

SCOR Global P&C delivering on "Quantum Leap"





## SCOR Global P&C leveraged the hardening market in 2020 to actively prune its portfolio and focus on value-creating segments and clients



### **Segments / treaties pruned in 2020**

- Lloyd's 3<sup>rd</sup> party capital provision, due to various syndicates underperformance
- Engineering, due to underlying business inadequate pricing & return for reinsurers
- Handful of large U.S. & Chinese treaties, with inadequate returns
- Lower CAT layers where SCOR Global P&C's view of claims (including the effects of climate change) did not match market views

#### Impact on 2020 portfolio

- Lloyds 3<sup>rd</sup> Party Capital Provision reduced by ~50%
- Engineering treaty portfolio reduced by ~18%
- US proportional treaty portfolio reduced by ~10%
- China treaty portfolio reduced by ~35%
- Redeployment of lower layer Japanese CAT capacities across entire program in favor of higher layers



Redeploy capital on value-creating segments and clients

#### Segments / geographies growth areas in 2020

- U.S. Property CAT in June / July
- India Property Treaty portfolio
- Specialty Insurance Property: large commercial lines insurance and facultative reinsurance

#### Impact on 2020 portfolio

- Growth in U.S. CAT portfolio by 12% at the mid-year renewals
- Growth in Indian reinsurance portfolio by 30% at April renewals<sup>1)</sup>
- Growth in Specialty Insurance Property Energy portfolio by 18%

The pruning of the portfolio is today completed, providing a strong basis for profitable future organic growth



# SCOR Global P&C will seize the market hardening, offset Covid-19 impact, and expects to exceed "Quantum Leap" growth assumptions

### **SCOR Global P&C EGPI<sup>1)</sup> assumption**

In EUR billions (rounded)





Note: FX rate as of December 31, 2019.

1) EGPI (Estimated Gross Premium Income), Underwriting Year

2) Could be revised down if market not improving as expected - At constant exchange rates

- In 2020, the top line is negatively impacted by the Covid-19 outbreak
  - Insurable values are dependent upon the economic cycle (e.g. Specialty lines such as Aviation, Marine or Credit)
- The depth and breadth of the hardening market is such that it should continue beyond 2021 in both Reinsurance and in Specialty Insurance:
  - Double-digit growth rates on an underwriting year basis for both Reinsurance and Specialty Insurance
  - No Covid-19-related top-line impacts assumed
  - Growth arises from increased rates and portfolio footprint
- Growth will continue to be managed according to market conditions and adjusted accordingly
- Combined ratio trending down to ~95% and below



### **Reinsurance:** SCOR Global P&C has a competitive advantage with respect to the key transforming trends impacting the reinsurance markets

#### Identified areas of opportunities **Current growth** SCOR Global P&C opportunities strengths Short-tail vs. ~75% of total premium Short-tail Long-tail short & mid-tail lines ~25% of total premiums **Continued** in specialty insurance Insurance vs. strong 2 Reinsurance insurance ~70% of reinsurance rates trends business is proportional Personal vs. Personal Lines: c. 20% Personal lines, Large 3 Commercial and large Commercial: book tilted vs. SMEs industrial risks towards large corporate Lines

**Traditional** channels Structured vs **Traditional** 5 Reinsurance

**Digital vs.** 

**Alternative Solutions** 

Digital

channels

Global dedicated team across Reinsurance and Specialty Insurance

Dedicated business unit

"P&C Ventures"



4

- Limited impact of low interest rates on expected profitability thanks to mid- and short-tail driven book
- Remains underweight in long-tail lines, where re-reserving is expected in the market
- ✓ Portfolio structure allows a strong capture of expected continued insurance rate improvements
- ✓ Portfolio composition geared towards these better performing segments in mature markets
- Recognized as a key player in innovation and Insurtech partnerships markets through P&C Ventures
- Active engagement with incumbents and start-ups to design the future of insurance
- ✓ Ability to provide capital as well as earning protection solutions across the globe
- ✓ Third party capital dedicated initiative





### **Reinsurance:** SCOR Global P&C demonstrates consistent improvement and growing relevance, and is well positioned for further growth

#### **SCOR Global P&C - Positioning in the reinsurance market**

NMG Consulting study 2020: BCI performance and market penetration



Aggregation of key capabilities areas as perceived by insurers:

- Thought leadership & innovation
- Relationship management & Partnerships
- Ease of doing business and approach to contracts
- Client management & Importance to clients
- Technical Expertise (Underwriting, Claims, Actuarial)
- Lines of business capabilities

Rating of the expe doing business with reinsurer (independe and financial str



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	84	86
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### Well-recognized as a top-tier reinsurer

- Amidst a polarizing market, SCOR Global P&C has constantly increased clients and risk proximity
- A leading reinsurer, SCOR Global P&C clearly stands within the Top-tier across a global scope
- Recognized by clients as one of the few players able to service them through a comprehensive and global risktaking platform (Reinsurance, Specialty Insurance, and risk services through P&C Partners), alongside underwriting and commercial expertise
- Capability to understand clients' needs and provide welladapted risk transfer solutions in a timely manner

→ Continuous improvement of SCOR Global P&C business capability index and 15-point improvement in promoter score<sup>1)</sup> over the last two years

#### Progressively gaining market positions

- Expansion of client dialogues across markets
- Development of traditional and alternative/ innovative programs leading to new relationships and business

#### Progressive improvement of market penetration with further room to grow





### Specialty Insurance: In large commercial risks, SCOR Global P&C is leveraging its global underwriting platform, and making the most of the rate hardening environment

- growth and underwriting discipline. SCOR Business Solutions crossed the EUR 1 billion premium-mark in 2019<sup>1</sup>
- key lines of business benefiting from improved rate adequacy





1) EUR 0.6 billion reached in H1 2020

2) SCOR Business Solutions, FX at constant rates as of December 31, 2019

SCOR Global P&C is a meaningful large commercial risks specialty insurer taking advantage of market dislocations after ca. 5 years of limited

Strong rate increases in large commercial risks are expected to continue in 2021 and beyond. SCOR Global P&C should continue growing on

#### SGP&C will continue making the most of market hardening in the coming years **Profitable future growth actions** Keep capitalizing on our strengths: Property for **Property 8** Energy Construction technical occupancies Power Fully leverage SGP&C's wholly-owned Lloyd's syndicate SCOR Channel, which turnaround is nearing completion – key strategic 2 enabler now allowing to maximize growth opportunities from SGP&C's integrated Specialty Insurance platform Broaden the platform, as long-tail lines 5 **Financial** hardening picks up Liability Marine Lines









### **Specialty Insurance:** Through MGAs, SCOR Global P&C is targeting niche segments supporting the expansion of its book in a controlled manner

Selecting partners to support SCOR Global P&C's strategic goals

- With a true product and / or delivery<sup>1</sup> differentiation
- Which value SGP&C's technical expertise, relationships' depth / breadth and / or alignment of culture and strategy



- A focus on niche business diversifying the treaties or single risks portfolios
- A broadening of geographical scope (e.g. EMEA, Latin America)



2) EGPI (Estimated Gross Premium Income), Underwriting year

Exerting the right level of control thanks to robust systems & tools

Thanks to the Specialty Insurance's portfolio underwriting platform:



#### Automate big data processing

- Automatically process the data received from MGAs through robots
- Generate dashboard directly to the Operations and Underwriting teams, with an increased frequency and data quality



#### Enhance control processes and risk management

Onboarding an increasing number of MGAs on the platform from 2020 onwards, in order to leverage its monitoring / control capabilities









A new and supportive P&C market environment

SCOR Global P&C ambitious growth plan

## 3 SCOR Global P&C delivering on "Quantum Leap"





### SCOR Global P&C is actively delivering "Quantum Leap" strategic developments

### **Key Pillars**

**Redeploy capital on** value-creative segments and clients

**Grow P&C Partners** as an innovation enabler, catalyst, and accelerator and foster operational excellence

Build a 360° risk taking platform

#### Achievements to date

- Reinsurance
- Specialty Insurance agile platform development
- Atlas CAT Bond
- Cyber accumulation / pricing tools
- Ventures
- Telematics pool
- Project BOOST & DART
- Climate change comprehensive study
- expanding the range of products offered



2

3

Profitable developments at January, April & June/July renewals in both Specialty Insurance and

Atropos fronted transactions with 2 European and 4 large Japanese cedents over 1/1 and 1/4

Recognized expertise, with a greater alignment of underwriting roles and risk approaches while

• AgroBrasil acquisition confirms niche MGA strategy and ESSOR leadership in Brazilian agriculture Ongoing delivery of the Specialty Insurance single & portfolio risks' underwriting platforms development

SCOR Global P&C is delivering "Quantum Leap" initiatives and is ready to accelerate



### Video #3







### SCOR Global P&C expects to exceed "Quantum Leap" assumptions in 2021





- 1) EGPI (Estimated Gross Premium Income), Underwriting Year
- 2) Could be revised down if market not improving as expected At constant exchange rates
- 3) Value of New Business after Risk Margin and tax









### 5-minute break



Contributing to the welfare and resilience of Society since 1970 and over the coming decades

Under our latest strategic plan, "Quantum Leap", we are shaping the reinsurance of future to push back the frontiers of insurability. And through the Art & Science of Risk, to contribute to the welfare and resilience of Society for the next 50 years.

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Pushing back the frontiers of insurability since 1970 and over the coming decades

5 Years Score The Art & Science of Risk

COR has been helping its clients navigate through a constantly changing risk universe global Tier 1 reinsurer, major risks are our raw material. We face shocks and we absorb istrophes, industrial accidents, pandemics... Our shock-absorbing capacity is based on the state of t oody's and by Standard & Poor's, bears witnes We value proximity to clients, we value expertise and we strive to ad

Under our latest strategic plan, "Quantum Leap", we are shaping the reinsurance company of the future to push back the frontiers of insurability. And through the Art & Science of Risk, we fully intend to contribute to the welfare and resilience of Society for the next 50 years.

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Contributing to the welfare and resilience of Society since 1970 and over the coming decades Under our latest strategic plan, "Quantum Leap", we are shaping the reinsurance company of the future to push back the frontiers of insurability. And through the Art & Science of Risk, we fully intend

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SCOR Global Investments demonstrates its ability to navigate through the Covid-19 pandemic and executes on "Quantum Leap"

> François de Varenne CEO of SCOR Global Investments

> > SCOR Investor Day September 9, 2020







### Investments

### The economic and financial environment is impacted by the broad effect of the Covid-19 pandemic

## 2





SCOR Global Investments demonstrates its ability to maximize value creation while safeguarding the portfolio

3) SCOR Global Investments delivers on "Quantum Leap"





## Global economic and financial outlook



- by a risk-on environment
- Despite better economic recovery perspectives, interest rates trading near their lowest level with no significant reassessment of inflation expectations
- Massive central bank support and government actions
- Uncertainty regarding the shape of the recovery
- Jackson Hole confirmation of a clear priority given by the Fed to employment through a flexible approach targeting 2% inflation on average, "over time", meaning rates potentially lower for longer

#### Eurozone

#### • Structural fracture between Northern and Southern countries exacerbated by the Covid-19 crisis but European Union EUR 750 billion plan and debt sharing mechanism helping to ease tensions

Economic and social activity restarting after lockdown

#### **United States**

- Unprecedent actions from the Fed with dovishness anchored in the monetary policy
- Oil shock adding another temporarily negative pressure on U.S. economy
- Impact of U.S. presidential election on financial markets?







### Credit dashboard: positive effect of massive central banks and governments support

#### Indicators

Leverage	Deteriorating at a lower pace
Earnings generation	Recovering but still far from its pre-0
Documentation and structuration	Less aggressive structures going fo
Upgrade / downgrade ratio	Still deteriorating but at a lower pace
Expected default rate	Downward revision of initial estimate speculative grade area
Central bank intervention	Unprecedent with trillions provided t
Market volatility	Still above average but decreasing
Geopolitical risks	Over the short term, the pandemic is momentum, particularly if Trump is r



Current status

Covid levels orward

ce

tes released in April 2020, currently expected to reach on average 5-10% in the

to ease market tensions

is overwhelming geopolitical factors, but U.S.-China tensions could gain new re-elected







## Credit spreads normalization is continuing at a high pace



- Credit spreads are wider overall compared to pre-Covid-19 crisis levels
- However, looking at a longer historical perspective, credit spreads are back to 2016 levels

Downward revision of initial default rates estimates released in April 2020, explained by massive central banks support and government actions



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## Investments

1 The economic and financial environment is impacted by the broad effect of the Covid-19 pandemic

3)

2 SCOR Global Investments demonstrates its ability to maximize value creation while safeguarding the portfolio





SCOR Global Investments delivers on "Quantum Leap"





### SCOR entered the Covid-19 outbreak with a defensive portfolio and took immediate measures to safeguard portfolio value

Resilience and strong shockabsorbing capacity

> Robust and defensive investment portfolio

Voluntary freeze of reinvestment activity between March and May 2020

SCOR Investments

- demonstrated their resilience throughout the Covid-19 outbreak
- Impairment charge<sup>1)</sup> remains limited to EUR 14 million in H1 2020 and includes:
  - EUR 9 million of impairments on the listed equities portfolio
  - EUR 4 million of impairments on the real estate portfolio
- the invested assets portfolio
- duration positioning (3.2 years) and its exceptional liquidity
- Exposure to sectors affected by current crisis remains limited:
  - Airlines, retail, leisure hotel and entertainment sectors: 2.4%<sup>2</sup>)
  - Oil & gas sector: 1.7%<sup>2)</sup>, resulting from SCOR's sustainable investment process
- Very limited exposure to listed equities of  $0.7\%^{2}$
- in cash or very short term
- Strict management of sovereign debt exposure

Impairment charge excluding regular IFRS amortization of real estate assets. Excludes third-parties interest
As of Q1 2020, in percentage of invested assets

Thanks to voluntary de-risking actions undertaken since 2019 and a sustainable investment process, invested assets have

Unrealized gains increase by EUR 172 million since the beginning of the year, benefiting from the resilience and high credit quality of

Very granular fixed income portfolio benefitting from its very high quality and robust credit profile (A+ average rating), its short

Reinvestment activity put on hold from early March 2020 until May 2020, with financial cash-flows emerging from invested assets kept

Strong focus on counterparty risk, liquidity being invested in short-dated government bonds with no exposure to money-market funds





### Portfolio positioning at the end of Q2 2020 reflects voluntary de-risking actions undertaken until May 2020

#### Total invested assets: EUR 20.7 billion at 30/06/2020



- Total investments reach EUR 28.8 billion, with total invested assets of EUR 20.7 billion and funds withheld<sup>1)</sup> of EUR 8.1 billion
- Asset allocation reflects current environment and a more cautious positioning of the fixed income portfolio:
  - Liquidity at 13% (vs. 5% in Q4 2018)
  - Corporate bonds at 41% (vs. 49% in Q4 2018)
- Fixed income portfolio of very high quality, with an average rating of A+, and a duration at 3.1 years<sup>2)</sup>

	Average rating	Effect
Short-term investments	AA+	
Government bonds & assimilated	AA	
Covered bonds & Agency MBS	AAA	
Corporate bonds	A-	2
Structured & securitized products	A+	
Global – Fixed income	A+	3







### Portfolio positioning at the end of Q2 2020 reflects voluntary de-risking actions undertaken until May 2020



SCOR Investments





### SCOR Global Investments implements differentiated asset allocations by currency block



# SCOR invested assets portfolio is highly liquid, with financial cash flows of EUR 8.7 billion expected over the next 24 months

### Invested assets portfolio split by liquidity

As of 30/06/2020



**SCOR** Investments 1) Investible cash: includes current cash balances, and future coupons and redemptions


# The invested assets portfolio remains well positioned within its risk limits

#### "Quantum Leap" Strategic Asset Allocation (SAA)

In % of invested assets

	Q2 2020	Min	Max
Cash	10%	<b>5.0%</b> <sup>1)</sup>	-
Fixed Income	78%	70.0%	-
Short-term investments	3%	5.0% <sup>1)</sup>	-
Government bonds & assimilated	24%	-	100.0%
Covered bonds & Agency MBS	8%	-	20.0%
Corporate bonds	41%	-	50.0%
Structured & securitized products	2%	-	10.0%
Loans	4%	-	10.0%
Equities <sup>2)</sup>	2%	-	10.0%
Real estate	3%	-	10.0%
Other investments <sup>3)</sup>	3%	-	10.0%
Capital intensity	7.8%	< 8.	5%



1) Minimum cash + short-term investments is 5% 2) Including listed equities, convertible bonds, convex equity strategies 3) Including alternative investments, infrastructure, ILS strategies, private and non-listed equities 4) Estimated on the economic balance sheet as at the end of each year. Effective and neutral duration computed using the enhanced duration methodology starting from 2015



# Since early June 2020, SCOR Global Investments has initiated a progressive and prudent reinvestment strategy

#### **Key features of reinvestment program**

- After a full reinvestment freeze voluntarily implemented from early March 2020 until May 2020 to safeguard portfolio value, reinvestment activity has resumed since June 2020
- Depending on market conditions, this reinvestment program will focus mostly on credit markets and on value-creation assets
- EUR 700m (~3.5% of invested assets) expected to be reinvested by the end of the year, focusing mostly on investment grade corporate bonds while avoiding the riskiest sectors (energy, autos, hotel, leisure)

- Strong focus and discipline on credit risk monitoring and sector selection will be maintained



#### **Projected asset allocation**

In % of invested assets

	Q2 2020	Q4 202
Cash	10%	6%
Fixed income	78%	800
Short-term investments	3%	2%
Government bonds & assimilated	24%	239
Covered bonds & agency MBS	8%	9%
Corporate bonds	41%	449
Structured & securitized products	2%	2%
Loans	4%	4%
Equities	2%	2%
Real estate	3%	3%
Other investments	3%	5%

• This reinvestment program would bring the corporate bonds allocation up to  $\sim$ 44-45% by the end of 2020 from 41% at the end of Q2 2020





# SCOR Global Investments delivers a robust financial contribution

#### **Evolution of reinvestment yield**<sup>1)</sup>





2) Including updated allowance for impairments

4) Impairment charge excluding regular IFRS amortization of real estate assets



# Investments

1 The economic and financial environment is impacted by the broad effect of the Covid-19 pandemic

2 SCOR Global Investments demonstrates its ability to maximize value creation while safeguarding the portfolio

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SCOR Global Investments delivers on "Quantum Leap"





# SCOR Global Investments delivers on "Quantum Leap"

#### SCOR Global Investments roadmap for "Quantum Leap"







Maximizing value creation while safeguarding portfolio value



Fully leveraging SCOR's positioning as a leading player in ILS



offering and best in class returns

- Acting as a sustainable investor to better manage risks and generate superior long-term returns
- Enhancing portfolio diversification towards value-creation assets to increase portfolio returns
- Keeping SCOR IP's strong momentum in third-party asset gathering through a comprehensive product





# A five-pillar approach underpins SCOR's sustainable investing strategy



8	2019	2020
ap on ition	First climate scenario analysis	Running additional scenario analysis
	Carbon neutrality by 2050 $$ in the	coal by 2030 in OECD and 2040 ne rest of the world implemented nrough a best in class strategy
	Joining the UN PRI <sup>1)</sup> Sustainable investing policy voting criteria	Joining the Net Zero Asset Owner Alliance
f AuM n green	6.9% of AuM invested in green	Mapping of the – portfolio to the EU – – – – taxonomy
ne TEG ainable	Joining the AMF Climate and Sustainable Commission	



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- Financing transition to a low carbon economy part of SCOR's duties as a responsible investor
- Balanced approach between urgency for action on climate, respect of "do no significant harm" and objective to enhance access to development
- SCOR has already agreed to:
  - Phase out coal: alignment with the EU for exiting coal by 2030 in EU and OECD, and by 2040 in the rest of the world
  - Carbon neutrality by 2050: ---member of the UN convened Net Zero Asset Owner Alliance
- Screening being more mature, SCOR Global Investments takes first steps towards best in class strategy





# SCOR accelerates its journey toward carbon neutrality in its investment portfolio





#### **Evolution of value-creation asset allocation**

In % of invested assets<sup>1)</sup>



- SGI is well on track to diversify the portfolio towards value-creation assets, consistent with "Quantum Leap" roadmap
- Those investments are expected to generate superior returns in the medium to long term
- Most investments committed in 2019 and 2020 will be deployed post Covid-19 crisis, with good return prospects

SCOR Investments

1) Until Q4 2019, private debt was included in "Loans" and reclassified to "Other Investments" since Q1 2020. Undrawn commitments relate to external asset managers only (i.e. do not capture undrawn commitments on internal funds managed by SCOR IP) 2) On Value-Creation Asset classes, only relate to externally managed funds (i.e. EUR 300m of new commitments)

# Investments in value-creation assets should increase future portfolio returns



After a voluntary freeze of reinvestment activity between March and May 2020, deployment onto value-creation assets has resumed

#### SCOR's corporate bond portfolio is defensively positioned with a strong bias towards quality

#### SCOR corporate bond portfolio against the investment universe<sup>1</sup>)

Q2 2020 corporate bonds split by rating

	Benchmark	SCOR	Delta
AAA	1.2%	2.4%	1.2%
AA	6.4%	11.5%	5.1%
A	34.7%	46.0%	11.3%
BBB	41.4%	34.1%	-7.3%
HY & NR	16.3%	5.9%	-10.4%

- SCOR's corporate bond portfolio exhibits a strong bias towards quality, with notably a strong underweight on BBB, High Yield and non-rated securities
- SCOR's corporate bond portfolio is very granular with more than 600 issuers
- (-7% vs. investment universe) and on high yield and non-rated issuers (-10% vs. investment universe)
- SCOR BBB-rated corporate bonds portfolio is very granular and designed to minimize idiosyncratic risk

		# issuers	exposure
BBB+	1,768	109	16
BBB	890	85	10
BBB-	241	43	5
Total	2,898	241	12
issuers issuer	B bucket is very we and an average in rated categories of	dividual exposure	e size of EUR 12m

SCOR's portfolio overweighs strongly AAA-A-rated issuers (+18% vs. investment universe), and conversely underweight BBB-rated issuers



# SCOR's corporate bond portfolio is defensively positioned with a strong bias towards quality

#### Industry sector exposure

- Limited exposure of 2.4%<sup>1)</sup> to sectors directly affected by the Covid-19 crisis (airlines, retail, leisure, hotel and entertainment sectors)
- Limited exposure to the oil & gas sector of 1.7%<sup>1)</sup>, resulting from SCOR's sustainable investment process
- Looking more broadly at the industry sector exposure within SCOR's corporate bonds portfolio vs. the investment universe:
  - More defensive exposure with a higher average rating than the investment universe in each industry sector
  - Consumer cyclical exposure benefitting from a BBB+ average rating (vs. BBB- for the investment universe) with a short duration of 3.9 years
  - Strong underweight to the financial sector, SCOR's bank corporate bonds exposure being only made of GSIB / DSIB<sup>3</sup>) issuers, with a strong system of limits
- the investment universe
- The portfolio also benefits from a shorter duration positioning compared to the investment universe and a strong granularity
- SCOR is materially underweighted the banking sector which is monitored with specific processes and dedicated risk limits



- Data as of Q2 2020, expressed in % of invested assets
- 2) Investment universe defined as 64% Bloomberg Barclays US IG&HY Corp + 36% Bloomberg Barclays EUR IG&HY Corp. Data as of 13/05/2020
- 3) Global / Domestic Systematically Important Bank

### SCOR's industry sector exposure vs. investment universe<sup>2</sup>)

Q2 2020 corporate bonds split by sector

Industry sector	SCOR		Investment universe		Over/u	
	%	Rating	%	Rating	weig	
Basic Materials	2.6%	BBB+	3.2%	BBB-	-0.6	
Communications	11.6%	BBB+	11.3%	BBB-	0.29	
Consumer, Cyclical	10.8%	BBB+	8.5%	BBB-	2.39	
Consumer, Non-cyclical	23.3%	A-	18.4%	BBB	4.99	
Diversified	0.0%	BB-	0.1%	BBB-	0.09	
Energy	4.8%	А	7.9%	BBB	-3.1	
Financial	24.8%	A-	29.0%	BBB+	-4.3	
Industrial	11.0%	A-	8.3%	BBB	2.79	
Technology	7.8%	A+	6.5%	A-	1.39	

• In each industry sector, SCOR's corporate bonds portfolio exhibits a consistent bias towards quality with a higher average rating compared to





#### SCOR's credit portfolio is designed to be very resilient, even faced with a credit crisis comparable to the Great Financial Crisis

#### Rating transition risk

- Taking as a footprint scenario the two-year transition tables issued by Standard & Poor's during the 2008-2009 Great Financial Crisis, and applying this to SCOR's Q2 2020 corporate bonds portfolio, the fixed income portfolio average rating would remain very high at A+
- The credit quality downgrade would result in a limited decrease of the average rating of SCOR's corporate bond portfolio from A- to BBB+
- SCOR's High yield bucket increase would be contained (high yield and non-rated securities would represent ~18% of the corporate bonds portfolio vs. 5.5% today)

#### Credit impairment risk

- At this point, defaults remain immaterial and future developments will be heavily dependent on the evolution of the pandemic and on possible effects of future governmental actions and central banks support
- Taking the same GFC<sup>1</sup> footprint scenario, and applying this to SCOR's Q2 2020 corporate bond and loan portfolio, would lead to a potential impairment risk of only c. EUR 20m above normal allowance for credit impairments, over a two-year horizon<sup>3)</sup>





**Great Financial Crisis** 

- 2) Source: Standard & Poor's Global Fixed Income Research and Standard & Poor's CreditPro, SCOR estimates
- 3) Source: Moody's ImpairmentCalc, SCOR estimates

#### GFC<sup>1)</sup>-like shock impact on fixed income average rating

Average rating per asset class<sup>2)</sup>

	Q2 2020	After	a GFC-like sh
Short-term investments	AA+		AA+
Government bonds & assimilated	AA	GFC	AA
Covered bonds & Agency MBS	AAA	footprint scenario	AAA
Corporate bonds	A-		BBB+
Structured & securitized products	A+		A+
Global – Fixed income	<b>A+</b>		<b>A+</b>

GFC-like shock impact on corporate bonds rating structure

Corporate bonds split by rating <sup>2)</sup>		
Rating	Q2 2020	After a GFC-like sh
AAA	2.4%	1.9%
AA	11.5%	6.8%
А	46.0%	38.3%
BBB	34.1%	34.9%
< BBB	4.4%	6.4%
NR	1.5%	11.8%
Average rating	A-	BBB+









# Positioning SCOR Investment Partners' as a leading player in ILS thanks to superior and stress-tested track record of its investment solutions



#### Coriolis integration is well on track, with the objective to have a single integrated ILS platform fully operational by year-end 2020

AuM: Assets under Management

**SCOR** Investments

- 1) Coriolis Capital assets under management included from September 2019 onwards (USD 716m as of 30/09/2019)
- 2) Atropos B USD share class. Inception date: 31/08/2011. Performance as of 31/07/2020

#### Joint developments with SCOR **Global P&C since January 2020**

- Use of SCOR Global P&C fronting capacity for ILS OTC transactions on behalf of SCOR Investment Partners
- Coordinated market approach of SCOR Global P&C client base between SCOR Global P&C underwriting teams and **SCOR Investment Partners origination** team
- Design of investment solutions managed by SCOR Investment Partners using SCOR Global P&C underwriting capacity



# Keeping SCOR Investment Partners strong momentum in third-party asset gathering

#### **SCOR IP's third-party AuM evolution<sup>1)</sup>**

AuM in EUR billion



- Strong asset gathering in 2019, with EUR 0.7 billion of net inflows (excluding the integration of Coriolis Capital)
- Continued momentum since the beginning of 2020, with inflows of EUR 0.2 billion YTD illustrating the successful positioning of SCOR Investment Partners

#### **Breakdown of AuM by client type**<sup>2)</sup>

In % of AuM, data as of Q2 2020



#### **Breakdown of AuM by client geography**<sup>2)</sup>

#### In % of AuM, data as of Q2 2020













SCOR delivers on the Tech ambition of "Quantum Leap" and progresses towards sustainability

> **Romain Launay** Chief Operating Officer

Scor Investor Day September 9, 2020





# SCOR is well on track to achieve Quantum Leap's Tech ambition

# ~EUR 250 million planned investment in technology over "Quantum Leap"



Support ambitious and varied business developments



Build on solid IT foundations with a global architecture and no legacy system



Reinforce SCOR as a data-driven company



Contribute to the Group's operational efficiency



Stay at the forefront of regulatory developments (IFRS 17, IFRS 9, etc.)



#### After 1 year, EUR 113 million invested

- All projects in "Quantum Leap" portfolio now launched in all areas
- On-going migration of IT assets into a modern public multi-cloud
- Finance platform moved to SAP S4 HANA with Big Data capabilities
- New Data Science Platform made available to SCOR data scientists
- Automation factory in place, leveraging Robotic Process Automation (RPA) and Business Process Modeling (BPM) technologies
- BOOST project launched to further digitalize P&C back-office
- F1 initiative launched to automate Life processes. In the Covid-19 context, first productive deployments achieved in a few weeks
- IFRS 17 and IFRS 9 programs on track through implementation of robust IT assets





# SCOR is delivering at a strong pace in each area of the "Quantum Leap" technical ambitions



#### **Big Data / Advanced analytics**

- ✓ Cat platform opened to multi-models to provide advanced analytics Q4 2019
- ✓ Finance platform fully moved to SAP S4 Hana, including analytics July 2020
- ✓ First deployment of new integrated Big data platform to support reinsurance analytics July 2020
- Insurance data capture capabilities enhanced through further deployment of MGA platform (P&C Claims Oct 2019) and first release of hElios portal (Life policies, Q4 2019)





# SCOR leverages its new Data Science platform to expand its analytical capabilities and offering



- New Data Science Platform implemented in Q1 2020 to prototype & develop products and data services for both internal and external clients
- Encompasses state-of-the-art technologies to acquire, structure, store and catalog valuable data at scale in a secure way, around the globe
- SCOR's Data Science Platform also provides an exposition layer allowing to deliver applications (e.g. Covid-19 spread simulator) and client services through APIs (e.g. VITAE health risk calculator) faster than ever









# Thanks to its Automation Factory, SCOR maximizes the use of robotics to increase operational excellence

#### **SCOR Automation Factory**

- A transversal team of Robotic Process Automation (RPA) & Business Process Modeling (BPM) experts
- A wide spectrum of solutions ranging from single task automation to full business process automation, embedding in-house Artificial Intelligence & Machine Learning-based services
- > 36 processes fully automated in production through Bots and 25 more to come by the end of 2020







# Full digitization of UK Life claims assessment process

- From a paper-based to fully digitalized claims assessment process monitored in real time for SCOR UK office
- A 5-week project, go-live on June 4, 2020



• 44% time saving achieved for claims assessment





# SCOR is proud of the values upheld by its employees

#### #WorkingWellTogether





### Supporting equal opportunities

(Share of women within employees appointed to the Partnership)



#### **Diversity & Inclusion**





> 60 nationalities in 38 offices worldwide







SCOR actively reduces its carbon footprint







- 1) Scope 1 and 2 of the GHG protocol
- 2) All measured emissions excluding "financed emissions"
- 3) Index base 100 2014

#### ... with 2/3 of electricity from renewable sources



#### 24.2k tons of CO<sub>2</sub> compensated in 2019







# SCOR's journey towards sustainability is recognized by non-financial rating agencies







Note: ISS-ESG: as of July 2020, Sustainalytics: as of June 2020, MSCI: as of June 2020 1) Leader within the industry





SCOR confirmed as a constituent of the Ethibel Sustainability Index (ESI) Excellence Europe in May 2020













SCOR's robust ERM framework supports the Group in capturing profitable growth opportunities

> Frieder Knüpling Chief Risk Officer

> Scor Investor Day September 9, 2020





### IR Day 2020

## ERM

### 1 SCOR relies on a mature ERM framework based on a strong risk culture

2 SCOR's solvency position remains strong after accounting for all known current and future Covid-19 impacts

3 So fro



SCOR identifies the challenges and opportunities from emerging and rapidly changing risks





# SCOR's excellence in risk management is rooted in a strong risk culture



#### **Tone from the Top**

Vision given and example set by corporate leadership regarding:

- Company "identity" including corporate values
- Acceptable business conduct and ethics

#### Accountability

Monitored *via*:

- Internal Control System
- Code of Conduct
- Personal objective setting
- ERM framework



# **RISK CULTURE**

#### Communication

Risk culture is spread throughout SCOR *via*:

- **Risk committees**
- Internal and industry working groups

#### Competency

Recruiting the right people and raising employees' awareness via:

- **Risk Tales**
- ERM e-learning
- Induction program for new employees









## SCOR controls its risk profile with a comprehensive set of strong Risk Management mechanisms





The continuous improvement of ERM mechanisms ensures that SCOR's Risk Management remains best-in-class



#### **Key ERM mechanisms**

- Risk appetite framework
- Capital shield strategy
- Solvency management
- Exposure monitoring
- Risk analyses
- Internal model
- Internal controls
- Reserving
- ALM







# SCOR's Risk appetite framework is an integral part of each strategic plan

#### Risk appetite framework for "Quantum Leap"

	Solvency Capitalization level: Solvency target drive
Risk Preferences	<ul> <li>SCOR pursues an approach of thorough risk selection</li> <li>To actively seek risks related to reinsurance and se</li> <li>To assume a moderate level of interest rate risk, cr</li> </ul>
Risk Appetite	<ul> <li>SCOR maintains throughout "Quantum Leap":</li> <li>A high level of diversification</li> <li>An upper mid-level risk appetite</li> <li>A robust Capital Shield Strategy</li> </ul>

Risk
Tolerances

Solvency target	Capitalization level: Solvency target drivi
	Risk drivers (probabilistic): Post-tax net 1:200 annual aggregate loss
	Minimum duration of invested assets 2.0 y
System	≤ 10pts fall in the Solvency Ratio for FX
of limits	Extreme scenarios (probabilistic): Post-tax net 1:200 per-event loss ≤ 10% E
	Investments: Sub limits for invested assets: Capital inte
Limits per r	isk in the underwriting and investment guid
Footprint se	<b>cenarios <i>(deterministic)</i></b> complement the s



to optimize its risk profile and aims: elected primary insurance redit risk, FX and other market risks

ving a process of gradual escalation and management responses

 $x \le x\%$  Eligible Own Funds where x varies according to the risk driver years

Eligible Own Funds

ensity, Strategic Asset Allocation and minimum average rating delines

system of limits



# SCOR's capital shield ensures exposures remain within risk tolerance limits



• SCOR's capital shield strategy ensures efficient protection for the Group's shareholders by using different protection layers.



#### **Contingent capital facility**

- SCOR's current innovative EUR 300 million contingent capital facility protects the solvency of the Group from either extreme Nat Cat or Life events
- The contingent capital is a pre-defined mechanism to raise new capital and replenish equity in case of extreme events

#### **Solvency buffer**

• SCOR has defined a solvency scale with clear and well-defined buffers safeguarding the Group's franchise

#### **Capital market solutions**

- SCOR has significant experience in ILS<sup>1)</sup> over the last 10 years.
- SCOR's outstanding ILS currently provide USD 750 million capacity protection, including a USD 200 million Cat bond (effective April 30, 2020) covering North Atlantic Hurricane and North America Earthquake.

#### **Traditional retrocession**

 SCOR's wide range of protections includes proportional and non-proportional covers (Per event/Aggregate) with long-term partners of high credit quality



# SCOR's strong capital management and steering of the risk profile help to maintain the solvency ratio in its optimal range





Possible management responses (examples)	Escalation level
ecial dividends quisitions ares / hybrid debt idend growth rate risk profile, including capital shield strategy wth of profitable business	Board/AGM
No specific risk or capital management actions	Executive Committee
ectiveness in underwriting and investment composition of the risk portfolio rocession and risk-mitigation instruments (including ILS) curitizations	Executive Committee
debt dend and / or dividends by other means (e.g. shares) risk profile, including more protective capital shield prowth of business curitizations	Board/AGM
vate placement / large capital relief deal hts issue (as approved by the AGM) activities	Board/AGM
mission of a recovery plan to the supervisor	Board/AGM



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# SCOR closely monitors risk drivers and extreme scenario exposures against strict risk tolerance limits

Limit

#### 1-in-200 year loss as of Q2 2020

E.U. wind

in EUR millions

10% EOF (EUR 980m) 520 U.S. earthquake 670 North Atlantic hurricane<sup>1)</sup> 620 220 Japan earthquake 350





Note: The losses include expected new business for 2020 and are calculated net of all risk-transfer instruments (retro, ILS, contingent capital) and after tax. See Appendix for more details

- 1) North Atlantic Hurricane is defined here to include losses from landfalls in the U.S., Caribbean, Canada and the east coast of Mexico
- 2) For clarity, 1-in-200 year event is not reflective of the current Covid-19 event







# SCOR is further strengthening its expertise on pandemic risk with insights from Covid-19

- Some features of Covid-19 are likely to influence the future view of pandemic risk









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## IR Day 2020

# ERM







SCOR relies on a mature ERM framework based on a strong risk culture

2 SCOR's solvency position remains strong after accounting for all known current and future Covid-19 impacts

> SCOR identifies the challenges and opportunities from emerging and rapidly changing risks





# SCOR's capital position is resilient against the impact of Covid-19 on claims and financial markets





Eligible Own Funds

2) Solvency Capital Requirements

- **Covid-19 impact**: The Covid-19 impact includes the impact of all currently expected excess claims
- **Operating impact**: Strong contribution to solvency driven by both new business and by performance of portfolio excluding Covid-19
- Market variances: Sharp fall in interest rates, in particular swap rates, together with a rise in credit spreads and FX movements have led to increases in SCR and fall in EOF
- Other capital management: Includes the expected call of the CHF 125m debt in Q4 2020 and the normal 6- month accrual of a dividend for 2020
- Unadjusted solvency ratio: No use of volatility adjustments or transitional measures



# SCOR delivers strong underlying capital generation

EUR m (rounded)	EOF <sup>1)</sup>
Opening balance at YE 2019	10 337
Regulatory and other model changes	-59
<b>Operating impact (excluding Covid-19)</b>	+481
New business contribution	+318
Expected in-force contribution	+247
Assumption changes and experience variances	+73
Debts costs	-46
Other (including holding costs)	-110
Covid-19 operating impact	-491
Market variances	-524
Capital management	+48
No dividend for 2019 fiscal year	+335
Dividend accrued (6 months of 2020 dividend)	-167
Hybrid debt call Q4 2020	-120
Closing balance at H1 2020	9 791





- Strong expected in-force contribution from:
  - Release to profit of risk margin for risk expired
  - Unwind of discount
  - Expected return on invested assets
- Excluding Covid-19 impacts, moderate, overall positive, impact from assumption changes and experience variance
- Market variances lead to fall in EOF from sharp interest rate falls, rise in credit spreads and FX movements



# SCOR's balanced risk profile leads to an excellent diversification benefit

#### H1 2020 risk capital breakdown by risk category

In EUR millions, rounded






## SCOR leverages an excellent balance between Life and P&C underwriting risks to ensure a market-leading diversification benefit





Source: Company reports; Note: totals may be different from 100% due to rounding Peers: Allianz, Generali, Hannover Re, Munich Re

1) Obtained as the sum of the capital required by each category. SCOR's source: HY 2020, peers: YE 2019



# All sensitivities as of H1 2020 within or above the optimal range





- All sensitivities remain within or above the optimal range of the solvency ratio
- Increase in IR-sensitivities driven by sharp decrease in interest rates during H1 2020
- Low sensitivity to other market and credit risks



y ratio uring H1 2020



# SCOR expects a significant positive impact from the proposed changes to Risk Margin methodology

#### **Risk Margin is a significant item on SCOR's balance sheet**

#### Background

- The Risk Margin is calculated as the present-value of cost of capital for future non-hedgeable (non-market) SCRs, discounted at Solvency II risk-free rates
- It does not allow for diversification between legal entities

#### Influence of interest rates

- Highly sensitive to interest rates given impact of interest rates on SCR plus discounting – duration in excess of 20 years
- Fall in USD risk-free rates during H1 2020 has led to significant increase
- Given strong dependency on interest rates in Risk Margin formula, duration increases further upon reduction in interest rates (convexity) – key driver for increase in interest rate sensitivity during H1 2020

#### Industry view

- Cost of capital rate of 6% too high; 3-4% more appropriate/still prudent
- Diversification between legal entities should be fully recognized in group solvency calculation (as for SCR)
- Risk Margin overly interest rate sensitive difficult to fully match

#### Due to its focus on underwriting risk, SCOR is well positioned to benefit significantly from the Solvency II review of the Risk Margin

- Current ideas being tested by EIOPA would lead to reduction of Risk Margin by ~22%pts and increase in solvency ratio by ~20%pts (as of Q2 2020)
- Interest rate sensitivity would decrease
- not be permitted





Industry views only partially addressed so far - average effective Cost of Capital rate would still exceed industry proposals, and diversification between legal entities







#### IR Day 2020

## ERM









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HYPER CONNECTIVITY



## SCOR supports research that improves understanding of the risk universe and unexpected impacts on the industry

#### The SCOR Foundation funds research into the importance of **Biodiversity for the (re)insurance industry**

- The SCOR Foundation is funding a project in conjunction with the *Muséum national* d'Histoire naturelle de Paris, investigating the importance of biodiversity for (re)insurers
- The specific objectives of the research project are to:
  - Provide an overview of current scientific research investigating the relationships between present and future human activity and biodiversity
  - Identify the specific activities of (re)insurers (including those related to both underwriting and investments) and highlight those that are most likely have either a positive or negative impact on biodiversity
  - Identify the risks that biodiversity loss generates for future human activity, and particularly on the activities of the (re)insurance industry and conversely, the positive impacts that activities to protect biodiversity are likely to have on the (re)insurance industry and humanity in general

In contributing to this research, SCOR recognizes the importance of a proactive approach to understanding potential impacts of significant emerging risks on the industry, in addition to investigating the relationships between biodiversity and other major emerging trends and risks, such as climate change and emerging health threats.









# SCOR is committed to transparent disclosure on climate risk

#### **SCOR publishes its Climate Report**

- On May 20, 2020 SCOR published its first Climate Report, responding to the recommendations of the Financial Stability Board's TCFD<sup>1</sup> that will be adopted over a three-year period.
- The report discloses SCOR's current governance structure, strategy, risk management and key metrics and targets in relation to the risks and opportunities created by climate change risks.

#### **Report overview:**

- **Governance**: SCOR has an established governance system that considers social and environmental issues arising from business activities and broader corporate social responsibility (CSR) initiatives.
- **Strategy:** SCOR considers climate change to be a major long-term threat to the stability of society. SCOR is working to expand the frontiers of insurability, to contribute to the scientific understanding of climate change and to improve climate risk modelling techniques to support societal resilence.
- Risk Management: Identification and assessment of the exposure of its underwriting activities, investments and operations to physical and transition climate risks; description of current processes in place to manage these risks.
- Metrics and targets: SCOR's main climate-related metrics and targets are focused on the YE 2019 carbon footprint of its invested asset portfolio and the greenhouse gas emissions associated with the Group's operations.



	Property & Casualty	Life	Investments
Business potentially impacted	Property: e.g., resulting from a change in frequency and/or severity of floods, storm surge, landslides, drought, wildfires, social unrest Casualty, e.g., in lines such as EIL <sup>(1)</sup> , E&O <sup>(2)</sup> and D&O <sup>(3)</sup> resulting from climate litigations Agricultural, Credit and Surety, Marine and Aviation resulting from the transition to a low carbon economy	Life: mortality experience could deteriorate through various outcomes resulting from climate change Health: morbidity deterioration linked to climate change could negatively impact various health-related products Longevity: reduced life expectancy driven by climate change would reflect favorably under longevity products	Potential stranded assets in the following industry sectors: • Oil & Gas (exploration, production, drilling, services, transportation) • Coal • Auto manufacturers • Auto parts & equipment • Airlines • Transportations Initiatives to support transition to a low carbon economy: • Investments in renewable energy companies • Infrastructure financing • Real Estate investments in energy efficient buildings • Green bonds
Insurability	Pooling mechanisms and/or public/private ventures Rising inequalities/closing the protection gap		
Affordability	Premiums (insurance, reinsurance and retrocession) may rise as to be uneconomic or unaffordable for the customer		
Risk of accumulation	As a result of increased severity and/or frequency of events in exposed areas		Transition to low carbon economy will have a cumulative impact on all investments linked directly or indirectly to fossil energy

# TOGETHER



# SCOR is assessing and managing the impacts of climate change across all areas of its activity

- Calibration of catastrophe models using recent claims data to take account of changes in frequency/severity of natural perils underwritten
- Development of more sophisticated catastrophe models to better quantify impacts of climate change on natural perils (e.g. Wildfire, Flood)
- Incorporating research into impacts of climate change on health into underwriting, pricing & reserve valuation (e.g. increasing air pollution)
- Developing a transition risks sensitivity framework for single risk underwriting





1) The 2° Investing Initiative is a global think tank for developing climate and long-term risk metrics and related policy options in financial markets. 2) The emissions calculated for the Group's Operations follow three scopes of the Greenhouse Gas Protocol: Scope 1 – direct emissions from the combustion of fossil fuel; Scope 2 – indirect emissions from electricity consumption, steam and cooling systems and Scope 3 – other indirect emissions.

- Quantification of the exposure of SCOR's physical assets to physical climate risks
- Production of a heat map of SCOR's invested assets portfolio, based on its exposure to climate transition risks
- Use of climate scenarios leveraged from 2° Investing Initiative<sup>1)</sup>, giving a preliminary estimation of exposure of the Group's invested assets to an extreme physical risk scenario and an orderly transition scenario

• Annual breakdown of the Group's Greenhouse Gas emissions by source (e.g. due to travel, electricity consumption etc.) and by "scope"<sup>2</sup>) according to the "Greenhouse Gas Protocol"

SCOR improves the quantification of the exposure of its investments to climate risk, better incorporates near-term impacts of climate change into its underwriting and mitigates future transition risk (via potential regulation on carbon emissions) by monitoring the contribution of its operations to greenhouse gases















SCOR has the financial strength and agility to capture profitable growth opportunities

Mark Kociancic Chief Financial Officer

Scor Investor Day September 9, 2020





#### IR Day 2020

#### Capital Management

# 1 SCOR has a resilient financial profile and expects to continue successfully absorbing the shock of Covid-19

SCOR is committed to an attractive capital management policy



2



SCOR has the financial strength and the agility to capture market opportunities





## SCOR is absorbing the Covid-19 pandemic, leveraging a strong balance sheet and a strong level of liquidity

#### **Financial profile in H1 2020**

In EUR billions (rounded)

Strong shareholders' equity

Strong solvency position

Strong level of liquidity

Strong financial cash flow <sup>3</sup>)

#### Strong reserve position



- June 30, 2020
- 2) Solvency II Eligible Own Funds
- 3) Investable cash: includes current cash balances, and future coupons and redemptions. EUR 8.7 billion of financial cash flow expected in the next 24 months



1) Of which cash and cash equivalents from third parties for the amount of EUR 158 million. Please refer to page 48 of the Q2 2020 results presentation for additional details on 3rd party gross invested Assets as of









# The low volatility in the solvency ratio within the optimal range demonstrates the Group's resilient shock absorbing capacity





2) Taking into account all Covid-19 forward-looking costs

## SCOR has generated more than EUR 9.1 billion of cash flow since 2010, with strong positive annual cash flow contribution from both business engines

#### **Operating cash flow generation**







# SCOR remains committed to its "Quantum Leap" targets

### **Profitability (RoE) target**



### **RoE above 800 bps** over the 5-year risk-free<sup>1)</sup> rates over the cycle



#### **Solvency target**



### **Solvency ratio** in the optimal 185% to 220% range



#### IR Day 2020

#### Capital Management



# 2





SCOR has a resilient financial profile and expects to continue successfully absorbing the shock of Covid-19

SCOR is committed to an attractive capital management policy

> SCOR has the financial strength and the agility to capture market opportunities



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#### SCOR has created more than EUR 6.8 billion of shareholder value since its first strategic plan "Back on Track" in November 2002 In EUR millions (rounded)





- 1) Cash returned to shareholders reflects dividends paid since Mid-November 2002
- 2) Share buy back program (EUR 6 million in 2017 and EUR 194 million in 2018)
- Based on a market capitalization of EUR 0.3bn from November 18, 2002 to EUR 7.0bn end of December 2019 3)
- 4)
- 5) Internal rate of return including reinvestment of received cash dividends since Mid-November 2002



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# SCOR is committed to an attractive capital management policy for its shareholders











1) Other adjustments include non-controlling interests, deferred taxes, fair value financial liabilities and real estate



# SCOR stands to benefit from IFRS 17 as the balance sheet moves closer to an economic valuation

**SCOR's IFRS 17 implementation is** on track despite postponement to 2023



Significant global impact expected across all group operations



March 17, 2020: One-year extension of the effective date of IFRS 17 was granted by the IASB



SCOR

The pace of SCOR's project delivery remains unchanged and is on track



• Ahead of the solution implementation phase SCOR's plans can broadly be structured by year:

#### **Key milestones**

• Significant progress on the implementation of Finance, Actuarial and Business solutions



• SCOR continues to emphasize the modeling of the IFRS 17 financial impact



#### IR Day 2020

#### Capital Management



SCOR is committed to an attractive 2 capital management policy





SCOR has a resilient financial profile and expects to continue successfully absorbing the shock of Covid-19

> SCOR has the financial strength and the agility to capture market opportunities



## SCOR has a scalable platform to capture market opportunities and to continue its successful franchise development both in Life and P&C





- 2) EGPI equivalent ~15%; Could be revised down if market not improving as expected. At constant exchange rates
- 3) Value of New Business after Risk Margin and tax



# FitchRatings

# Moody's

Aa3 Negative outlook<sup>2)</sup>

### ANDARD **& POOR'S**



1) Financial Strength Rating of "A+" (different scale from other rating agencies) - Long-Term Issuer Credit Ratings (ICR) of "aa-" (same scale as the other rating agencies) 2) Outlook changed on May 7, 2020

SCOR benefits from a top-tier financial strength recognized by all four rating agencies

**A+ / aa-**<sup>1)</sup> Stable outlook

> AA-Stable outlook

> AA-Stable outlook



Sept. 25, 2019 Affirmation



April 24, 2020 Affirmation



May 07, 2020 Affirmation



June 18, 2020 Affirmation



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### SCOR utilizes its different sources of capital efficiently while providing strong financial flexibility







#### SCOR benefits from a high level of flexibility

- Annually, the Board of Directors as authorized by the AGM has significant capacity to raise capital if needed (limited to 10% of share capital without preferential subscription rights)
- SCOR has well-defined debt principles
- Financial authorizations for innovative and efficient capital solutions were approved during the AGM. SCOR has efficiently utilized the contingent capital solution
- Under Covid-19, even with current and projected future claims, the contingent capital is far from being triggered





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# SCOR continues to optimize capital allocation, fungibility and security

Three pools of capital, with most capital in advanced economies<sup>1) 2)</sup>





- Limited number of subsidiaries, enhancing fungibility of capital while supporting local business presence
- Fungible and secure capital, efficiently allocated, with ~93% of its capital held in major currencies
- Consistent Group dividend policy thanks to dividend plan by pool of capital and by legal entity, reviewed every year
- Emphasize countries with stable legal and regulatory environment
- More than EUR 2.5 bn distributable earnings available from the SCOR SE legal entity at the end of June 2020



# SCOR strives to consistently improve both its productivity and its cost management







## SCOR utilizes its debt efficiently, with an expected financial leverage remaining close to 25% over "Quantum Leap"

**SCOR** has well-defined debt principles





High-quality debt, primarily subordinated hybrid debt

Longer-term duration issuances are favoured

Issuance in EUR or in a strong currency with a hedge in EUR

Compliance with stakeholders' expectations (Rating Agencies and others)





## SCOR secured long-term financing without any material refinancing peaks for the coming 5 years





1) After cross currency swap

2) Cost of debt computed before cross currency swap as at June 25, 2020 (source: JP Morgan) - Subordinated debts converted into EUR as of June 2020 FX rate.



# SCOR has a high-quality capital structure under Solvency II, with 85% in Tier 1 capital, providing the Group with flexibility and capacity





- 1) Including foreseeable dividends and own shares
- 2) Tier 3 includes Senior notes and net Deferred Tax Assets

3) The sum of eligible amount of Tier 2 and Tier 3 is limited to 50% of the SCR. Remaining capacity for both categories together is EUR 949m





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# Over the past 10 years, SCOR demonstrates its resilience and seeks to deliver an attractive return for shareholders











# Appendices



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- 2 SCOR Global Life
- 3 SCOR Global P&C
- 4 ERM
- 5 ESG
- 6 Glossary

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and political consequences (1/2)

#### Short term ↔ Long term

Shrinkage of time horizons with less weight to long-term matters?

- The current crisis has led to a succession of emergency measures in various areas
- The consequences of emergency measures (e.g. explosion of public deficits, huge increase in central banks' balance sheets) seem to be underestimated, ignored or hidden
- In the EU, the Maastricht rules have gone up in smoke and the "new normal" will involve a public-sector debt/GDP ratio more than twice that stipulated in the treaty
- The dominant choice seems to be to spread the cost of today's public health and economic crisis over many generations, rather than settle the bill quickly. Some are even talking about "perpetual" borrowing
- It seems likely that most countries will take the "easy" option, storing up trouble for the future



#### **Risk ↔ Safety** General increase in risk aversion?

- - choices



## The Covid-19 crisis will most likely cause changes in collective utility functions and hence a shift in emphasis in some macro trade-offs, with profound economic, social

• Aversion to risk is most likely going to increase significantly, with far-reaching consequences  $\rightarrow$  Changes in savings and investment

 $\rightarrow$  Increased demand for security

 $\rightarrow$  Growing demand for public sector and for public health protection, with stronger preventative and precautionary measures

• The value placed on life has risen substantially throughout the world, and physical integrity has made a historic leap in the scale of values

# Local ↔ Global

#### Refragmentation of the world?

- National concerns will most likely take priority over global ones, and regional concerns will take priority over national ones
- After 40 years of bringing down political, trade, financial and monetary barriers, we are probably going to see them built back up
- Protectionism is likely to be on the rise, under the guise of measures to ensure independence in terms of public health, national sovereignty and the protection of strategic interests
- Movements whether of people, goods, innovation or capital – are likely to be subject to greater restrictions, checks, quotas, levies and various other impediments
- These centripetal forces are self-sustaining and difficult to stop once they are unleashed



and political consequences (2/2)

#### **Freedom & responsibility** ↔ Monitoring

Gradual curtailment of freedom?

- The coronavirus pandemic is a "case study" for negative externalities: because one person's behavior can adversely affect other people, it is legitimate to restrict people's freedom and impose all kinds of measures including surveillance of those infected
- In the name of protecting the population, many restrictions which are unprecedented in peacetime – have been imposed during the current crisis
- Measures could range from mandatory vaccination to tracking people's movements. New technologies are making it much easier to monitor people's behavior than before
- This temptation to step up monitoring inevitably reduces people's individual freedoms and responsibilities. The issue also relates to the problem of targeting groups that are most at risk (indiscriminate approach vs. targeted approach). As a result, adopting micro-social rather than macro-social policies could become an underlying trend in the years ahead



### The Covid-19 crisis will most likely cause changes in collective utility functions and hence a shift in emphasis in some macro trade-offs, with profound economic, social

#### **Efficiency** ↔ **Equity**

Exacerbation of the dilemma between building and distributing wealth?

- The two main objectives of any policy remain efficiency and equity
- Efficiency relates to achieving growth, raising living standards, increasing incomes etc.
- Equity relates to reducing disparities and inequalities (in terms of income, wealth, access to healthcare and education etc.)
- These two objectives are to some extent inversely correlated
- The current public health crisis is causing both a sharp fall in efficiency (unemployment up, income and investment down etc.) and an increase in disparities / inequalities (e.g. in terms of access to healthcare, exposure to the economic crisis, but also in terms of income gaps, including between countries)
- Hence the crisis puts the trade-off between efficiency and equity under even greater pressure than before
- Every country will have to address this dilemma and make tough choices





SCOR pursues one mission



- "SCOR's aim, as an independent global reinsurance company, is to develop
- its Life and P&C business lines, to provide its clients with a broad range of
  - innovative reinsurance solutions and to pursue an underwriting policy
  - founded on profitability, supported by effective risk management and a
- prudent investment policy, in order to offer its clients an optimum level of
- security, to create value for its shareholders, and to contribute to the welfare
  - and resilience of Society by helping to protect insureds against the risks
    - they face."


### SCOR is run by an experienced and international management team that exemplifies the characteristics of SCOR's human capital

#### **Group Executive Committee (COMEX)**

	Chairman and CEO	Group COO	Group CFO	Group CRO	CEO of SGPC	Deputy CEO of SGPC	CEO of SGL	Deputy CEO of SGL	CEO of SGI
	Denis Kessler	Romain Launay	Mark Kocianic	Frieder Knüpling	Jean-Paul Conoscente	Laurent Rousseau	Paolo De Martin	Brona Magee	François de Varenne
Nationality & age									
Years of experience	68	41	50	50	55	41	50	45	53
(industry / SCOR)	36/18	8/8	28/14	21/14	35/12	19/10	21/13	21/13	27/15

#### Management team

- Global talent pool: SCOR is led by 807 partners<sup>1</sup>, representing 37 nationalities
- The hubs rely on experienced management teams, with longstanding local expertise
- Franchise strength leverages on local talents and management teams







# The strength of the SCOR group's strategy is recognized by industry experts

 2	017	 20	18
FOAR	SCOR: ''Romanian Reinsurer of the Year''	Insurance ERM The online resource for enterprise risk management	SCOR: Reinsurer of the year
Reactions LONDON MARKET AWARDS 2017	SCOR: "Reinsurer of the Year"	CRO FORUM	Chief Risk Officer Frieder Knüpling is elected Vice Chairman of the CRO Forum
Reactions	SCOR Global Life: "North American Reinsurer of the Year"	Label TRANSITION ÉNERGÉTIQUE ET ÉCOLOGIQUE POUR LE CLIMAT pour les investisseurs qui s'engagent Ministère de l'Environnement, de l'Energie et de la Mer	SCOR Investment Partners: "Energy and Ecological Transition for Climate"
Reactions	Nicholas Nudo: ''Underwriting Star of the Year''	AIR ASIA INSURANCE REVIEW	SCOR: "General reinsurer of the year" by Asia Insurance Review
×primm	SCOR: "Outstanding contribution to the Romanian insurance industry"		







## SCOR's listing information

**Euronext Paris listing** 

SCOR's shares are publicly traded on the Eurolist by the Euronext Paris stock market

#### SIX Swiss Exchange listing

SCOR's shares are publicly traded on the SIX Swiss Exchange

on
0411983
9

Main information Valor symbol SCR										
SCR										
2'844'943										
FR0010411983										
CHF										
August 8, 2007										
Foreign Shares										

• SCOR's shares are also tradable over the counter on the Frankfurt Stock Exchange



#### ADR programme

SCOR's ADR shares trade on the OTC market

Main information										
DR Symbol	SCRYY									
CUSIP	80917Q106									
Ratio	10 ADRs: 1 ORD									
Country	France									
Effective Date	June 5, 2007									
Underlying SEDOL	B1LB9P6									
Underlying ISIN	FR0010411983									
U.S. ISIN	US80917Q1067									
Depositary	BNY Mellon									

# Appendices



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## Appendix – Robust framework in place to introduce vaccine in our pandemic modelling

Sensitivity analysis to determine which scenarios are the most sensitive







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scenarios



Take-up rate pattern fixed at 55%

+ 2 "no vaccine" scenarios

+ 2 "no vaccine" scenarios



#### 6 vaccine scenarios

2 reproduction factors (R<sub>0</sub> variable)

3 vaccine availability timings

Effectiveness value fixed at 50%



Probabilities assigned based on ••• discussion with experts



# Appendices



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# Covid-19 impacts all Lines of Business and creates market uncertainties

#### Lines of Business and market uncertainties – SCOR stands out from peers







- Detailed claims information from insurers not available before Q1 2021
- Also largely dependent on the shape of the economic recovery and sustainability of Government schemes

Casualty / **Non-affirmative BI** 

Modeled (casualty) 

- **Casualty**: Exposure uncertainty, coupled with litigation and social inflation risks
- Non-affirmative BI: litigation risks
- Jurisprudence development - currently favorable for insurers

**C&S exposures closely** monitored **No SCOR Global P&C** mortgage exposure

Claim-by-claim assessment, limited casualty legacy



# Pre Covid-19, the (re)insurance industry was already experiencing hardening trends





4) Average US quarter-on-quarter premium changes based on Commercial Property/Casualty market index produced by the Council of Insurance Agents & Brokers (CIAB)

#### Pre-existing market hardening characterized by

- A lack of reserve redundancies at the (re)insurance industry level, after years of releases and the emergence of social inflation in US casualty
- Historically low interest rates, putting investment returns under pressure and increasing the importance of technical result
- Overall (re)insurance market capacity stabilizing, after several years of large natural catastrophe claims challenging the economics for alternative capital providers
- Strong rate increases on primary insurance – with strongest reaction in the US and 1<sup>st</sup> party lines – and moderate reinsurance rate increases



#### SCOR Global P&C reinsurance book expected profitability has improved materially over the past three years

Reinsurance price change<sup>1</sup>





1) As published. Year-on-year price changes on a comparable basis

2) Per underwriting year, as measured by the underwriting ratio

Reinsurance expected technical profitability<sup>2</sup>

- partially offset by updated view of risks underwritten





# **Underwriting Plan:** Reinsurance and Specialty Insurance

#### Reinsurance EGPI<sup>1</sup>) breakdown In EUR bn

5.4 Latin America 6% 5.1 5% Africa & Middle East 6% 6% 6% 6% Asia-Pacific 18% 20% 19% North America 35% 33% 34% 35% 36% Europe 36% 2021E 2019 2020E



Note: FX rate as of December 31, 2019.EGPI, Underwriting Year



# Financials: GWP Contribution and Underwriting Ratio





### Financials: SCOR Global P&C's growth would maintain a balanced business mix

SCOR Global P&C GWP mix evolution In EUR bn





1) Could be revised down if market not improving as expected. At constant exchange rates

#### **Financials:** SCOR Global P&C book remains balanced across lines of business despite 2020 disruption due to Covid-19

Breakdown of SCOR Global P&C GWP by line of business In EUR bn







# Appendices



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# SCOR has a proven track record of excellence in Risk Management

SCOR has developed its first-rate risk management tools and expertise over several years

2019

2017

ACPR approves the Operational Risks module of SCOR's Internal Model.

2015

ACPR and CBI<sup>3)</sup> approve SCOR's new version of the Internal Model.



#### 2007

- SCOR's ERM is formalised using the international COSO<sup>1</sup>) ERM standard.

2004 First CRO appointed at SCOR



- 1) COSO is a widely accepted risk management standard.
- 2) Standard & Poor's Global Ratings, American credit ratings agency
- 3) Autorité de Contrôle Prudentiel et de Régulation CBI: Central Bank of Ireland



SCOR's ERM rated as 'Very Strong' by S&P<sup>2</sup>)

SCOR successfully manages the Global Financial Crisis.

- SCOR enriches its risk management expertise following acquisition of Revios and Converium.



## SCOR has a state-of-the-art modelling capability of its exposures to extreme events

#### Natural catastrophes

- This holistic analysis estimates the impacts on all business lines (P&C, Life) and investments, as well as SCOR's operations
- cat have minor consequences on SGL and investments for non-US events
- portfolio remain a small proportion of the overall losses in case of natural catastrophes

#### Terrorism

- Based on the scenario of a terrorist attack occurring in New York City

#### Affirmative Cyber

- silent cyber). No allowance is made for losses on SCOR's investments
- ransomware attack)

#### Casualty

- Casualty risk only covering Casualty business lines
- product defect)



• Exposure to extreme nat cat events (largest single event exposure) modelled for Property Catastrophe and Facultative business lines

• SCOR also assesses the impact on the Group of a number of past historic natural catastrophe events using the footprint scenario approach.

• Past analyses of historic footprints show that due to the size of SCOR's US mortality portfolio and the exposure of ILS funds to US risks, nat

• For US events, potential consequences on the Life portfolio from earthquakes; however, impacts on ILS funds and on the Life & Health

Scenario includes losses related to the impact on P&C and Life lines of business, but excludes potential operational and investment losses

• Losses on affirmative cyber business but does not include potential losses from covers where cyber risk is not explicitly (re)insured (i.e.

• Exposure calculated as the maximum of three cyber scenarios (cloud service provider outage, software mass vulnerability and global

Exposure computed as the maximum of three casualty scenarios (chemical latent bodily injury, large public company failure and construction





# Appendices



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## SCOR's global IT platform is a key asset anchoring its Tier 1 status





- (\*) DMS : Document Management System
- (\*) RPA : Robotic Process Automation
- (\*) CRM : Client Relationship Management

- Global platforms for Reinsurance back-office (Omega), Asset Management (Bloomberg & Simcorp) and Finance (SAP-based OneGL platform)
- Dedicated front office platforms, specific to Business Units (e.g ForeWriter, Nat Cat Platform, Xact for SGP&C) for business functions such as pricing, underwriting, natural catastrophe analysis, services to Clients etc., embedding strong analytical and modelling capabilities
- Architecture relying on strong integration between systems, increasingly leveraging API's (Application Programming Interfaces)
- Right balance between in-house solutions, especially front-end business functions, and best-of-breed market products, especially support functions
- All systems operating on one global, resilient and scalable infrastructure, transitioning from Private Cloud to Public Cloud
- Modern and constantly updated IT assets, no legacy
- Solutions enabled by transversal features bringing innovation into SCOR operations : dematerialization (DMS), automation (RPA), advanced analytics and data science...
- Modern workplace providing secured access to information system and collaboration capabilities from anywhere



## SCOR's multi-model Nat Cat Platform offers deep business insights







- Daily monitoring of Cat capacity during renewals
- Allows full deployment of capacity (EUR 50m buffer removed) while ensuring strict adherence to Cat risk limits







#### SCOR has efficient corporate governance benefiting from a culture of the highest standards

#### **Diverse and Highly Experienced Board**



- 14 directors, of which 83%<sup>1)</sup> independent
- A lead independent director and 5 independent committee chairs
- 95% attendance rate in the last year
- 7 women on the Board  $(41.6\%^{2})$
- 6 different nationalities
- Two elected employee directors

#### **Best-in-Class Corporate Governance Standards**

- Compliance with the AFEP-MEDEF **Governance Code**
- Mission of the lead independent director facilitates good balance of power with the Chairman and CEO
- Strong oversight on potential conflict of interest issues among the Board
- One of the two employee directors member of the Compensation and Nomination Committee
- CSR Committee steers extra financial considerations



As of September 2020

- 1) Pursuant to the AFEP-MEDEF Code, director representing employees is not taken into account when determining the percentage of independent directors
- 2) According to French law (Article L. 225-27 of the Commercial code), the employee directors are not taken into account in the total number of directors used to determine the proportion of women on the Board



#### **Strong Internal Control** and Group Supervision



- Regular meetings of the Board and Committees (35 sessions in total in the last year)
- Strong risk oversight on the Group's financial situation and compliance with internal policies
- Independent Board members and Audit Committees in key subsidiaries



# Appendices





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# Abbreviations (1/2)

ACPR	Autorité de contrôle prudentiel et de résolution
ΑΙ	Artificial Intelligence
ALM	Asset Liability Management
AMF	Autorité des Marchés Financiers
APAC	Asia-Pacific
API	Application Programming Interfaces
AuM	Assets under Management
BAM	Biological Age Model
BCI	Business Capacity Index
BEAT	Base Erosion and Anti-Abuse Tax
BEL	Best Estimate Liability
BI	Business Interruption
BMI	Body Mass Index
BPM	Business Process management
C&S	Credit & Security
CAGR	Compound Annual Growth Rate
CIB	The Central Bank of Ireland
CIS	Center for Internet Security
CRM	Client Relationship Management
CSPR	Credit, Surety, & Political risks (CSPR)
CSR	Corporate social responsibility
D&F	Direct & Facultative
D&O	Directors & Officers liability



DCM	Data Collection Module
DMS	Document Management System
DSIB	Domestic Systematically Important Bank
DSM	Document Management System
DTA	Deferred Tax Asset
E&O	Errors and Omissions
EGPI	Estimated Gross Premium Income
EIL	Environmental Impairment Liability
EIOPA	European Insurance and Occupational Pensions Author
EMEA	Europe, Middle East and Africa
EOF	Eligible Own Funds
ERH	Electronic Health Records
ERM	Enterprise Risk Management
ESG	Environmental, Social and Governance
e-UW	e-Underwriting
FX	Foreign Exchange Rates
GFC	Great Financial Crisis
GSIB	Global Systematically Important Bank
GWP	Gross Written Premiums
IASB	International Accounting Standards Board
IFR	Infection fatality rate
ILS	Insurance-Linked Security
ISC	Insurance Capital Standard



# Abbreviations (2/2)

KCM	Key Client Management
L&H	Life and Health
LoB	Limitation of Benefit
LoC	Letter of Credit
LTC	Long-Term care
A&M	Merger and Acquisition
MBS	Mortgage-Backed Securities
MGA	Managing General Agent
NTM	Net Technical Margin
NTR	Net Technical Result
OAS	Option-Adjusted Spread
OECD	Organisation for Economic Cooperation and Development
P&C	Property and Casualty
PML	Probable Maximum Loss
ΡοϹ	Proof of Concept
PV	Present Value
QE	Quantitative Easing
R <sub>0</sub>	Basic reproduction number
RFR	Risk-Free Rate
RM	Risk Margin
RoE	Return on Equity
RPA	Robotic Process Automation
RT1	Restricted Tier one



SAA	Strategic Asset Allocation
SBS	SCOR Business Solutions
SCR	Solvency Capital Requirement
SE	Societas Europaea
SFCR	Solvency and Financial Conditions Report
SGI	SCOR Global Investments
SGL	SCOR Global Life
SGP&C	SCOR Global P&C
SMEs	Small and Medium-sized Entreprises
SWF	Sovereign Wealth Fund
T&C	terms and conditions
TCFD	Task Force on Climate-related Financial Disclosures
TEG	Technical Expect Group
TSR	Total Shareholder Return
<b>UN PRI</b>	United Nations Principles for Responsible Investment
URL	Uniform Resource Locator
UW	Underwriting
VaR	Value at Risk
VNB	Value of New Business
YRT	Yearly Renewable Term contracts

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# Glossary (1/4)

A-C	
ALM (Asset Liability Management)	Risk-management technique aimed at earn duration and other relevant characteristics of
B3i	B3i Services AG is a startup formed to explore re/insurance industry for the benefit of all st
Big Data	Extremely large data sets that may be analy relating to human behaviour and interaction
<b>Biometric risk</b>	Category covering all risks related to human health, long-term care and longevity risks
Blockchain	A blockchain is an open distributed ledger the and permanent way. Once recorded, the da subsequent blocks and a collusion of the ne previous block, a timestamp and transaction data
Capital (contingent)	Funds that would be available under a pre-r pandemic) occurs
Catastrophe (or Cat) bonds	A high performance bond which is generally takes place (such as an earthquake, tsunan bond.
	This type of insurance-linked security allows arising from natural catastrophes) to capital
Combined ratio	Sum of the Non-Life net attritional ratio, nat
Cycle	Stands for the combination of the financial &



ning adequate returns and protecting capital by simultaneously managing the of assets and liabilities

lore the potential of using Distributed Ledger Technologies within the stakeholders in the value chain

lyzed computationally to reveal patterns, trends, and associations, especially ns

an life including mortality risk, disability risk, critical illness, personal accident,

that can record transactions between two parties efficiently and in a verifiable ata in any given block cannot be altered retroactively without the alteration of all etwork majority. Each block typically contains a hash pointer as a link to a on data. By design, blockchains are inherently resistant to modification of the

-negotiated agreement if a specific contingency (such as a natural disaster or a

ly issued by an insurance or reinsurance company. If a predefined occurrence mi, hurricane etc.), the bondholder loses all or part of his investment in the

vs insurance and reinsurance companies to transfer peak risks (such as those al markets, thereby reducing their own risks tural catastrophe ratio, commission ratio and the management expense ratio & monetary cycle as well as the P&C cycle



# Glossary (2/4)

D-I	
Diversification	Diversification reduces accumulated risks w
Duration	Duration is a measure of the sensitivity of th interest rates
EBS (Economic Balance Sheet)	Economic valuation of the balance sheet whet possible to market prices
EOFs (Eligible Own Funds)	Amount of capital which is available and elig IFRS shareholders' equity, the eligible hybrid sheet. It is the nominator of the solvency rate
Exposure	A measure of the current level of the risk of
Footprint Scenario	Footprint scenarios are an innovative and constrained are probability-based, the footprint a deterministic scenario
ILS (Insurance Linked Securities)	Financial instruments whose values are drive losses due to natural catastrophes, represe financial market



whose occurrences are not fully dependent

the price -- the value of principal -- of a fixed-income investment to a change in

hereby values are assigned to the balance sheet positions that are as close as

igible to cover the Solvency II capital requirement (SCR). It is made up of the rid debt and the impact of economic adjustments on the economic balance atio

SCOR's actual portfolio with a return period of 1-in-200 years

complementary risk management tool. Whereas risk drivers and extreme int approach consists in carrying out an impact assessment on the Group under

iven by insurance loss events. These instruments, which are linked to property ent a unique asset class, whose return is uncorrelated to that of the general



# Glossary (3/4)

L-R	
Life technical margin	The ratio of the Life technical results (includ of SCOR Global Life
Limit	The maximum risk to which the company is
Longevity risk	Type of biometric risk. The risk that actual p expected
LTC (Long-Term Care)	Insurance covers policyholders unable to peranother person for every aspect. The loss o
MGA (Managing General Agent)	An insurance agent/broker with authority to solicit business, price, underwrite, bind and
R <sub>0</sub>	Pronounced R nought - The basic reproduct
Retention	Share of the risk retained by the insurer or r
Retrocession	Transaction in which the reinsurer transfers for payment of a premium
Risk appetite	Defines the target risk profile (assets and lia return. The target risk profile is represented
<b>Risk appetite framework</b>	Consistently defines the three following met
Risk Margin	Present value of cost of capital for future no



ding interest on deposits on funds withheld) divided by the net earned premiums

s committed to exposing itself

payments exceed their expected level due to mortality rates being lower than

perform predefined activities of daily life who consistently need the assistance of of autonomy is permanent and irreversible

act on behalf of an insurer to conduct certain insurance functions such as to administer policies, and handle claims

ction number measures the transmission potential of a disease

reinsurer for its own account

s (or lays off) all or part of the risks it has assumed to another reinsurer, in return

abilities combined) that SCOR actively seeks in order to achieve its expected d as the Group's target profit/loss probability distribution

etrics: SCOR's risk appetite, SCOR's risk preference and SCOR's risk tolerance

on hedgeable (non market) SCRs, discounted at Solvency II risk free rates



# Glossary (4/4)

S-Z	
SCR (Solvency Capital Requirement)	Required capital calculated by SCOR's intermonths with a 99.5% probability. It is the de
Solvency scale	Scale developed by SCOR to achieve the b The solvency scale drives a process of grac range of the solvency scale based on the G
Solvency ratio	Ratio of eligible own funds (EOF) to solvend
Tail (long/short)	The period of time that elapses between eit event (or the insurer's or reinsurer's knowle is one where ultimate losses are known con not known for many years
<b>Technical profitability</b>	Profitability related to underwriting (i.e. under income minus commissions)
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ernal model ensuring the Group can meet its obligations over the following 12 enominator of the solvency ratio.

best balance between a strong solvency level and an efficient use of its capital. Idual escalation and management actions, depending on the optimal capital Group Internal Model

ncy capital requirement (SCR)

ther the writing of the applicable insurance or reinsurance policy or the loss edge of the loss event) and the payment in respect thereof. A "short-tail" product mparatively quickly; ultimate losses under a "long-tail" product are sometimes

lerwriting result defined as Premiums minus losses not including investment

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