



*somewhat  
different*

# Hannover Re: the somewhat different reinsurer

April 2024

*hannover re*<sup>®</sup>

# Agenda

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<b>1</b>	Hannover Re Group	
<b>1.1</b>	Equity Story	<b>2</b>
<b>1.2</b>	Positioning in the reinsurance market	4
<b>1.3</b>	About us	9
<b>1.4</b>	Sustainability	29
<b>2</b>	Property & Casualty reinsurance	33
<b>3</b>	Life & Health reinsurance	41
<b>4</b>	Investment management	53
<b>5</b>	Capital and risk management	58
<b>6</b>	Transition to IFRS 17	69
<b>7</b>	Annual results 2023	75
<b>8</b>	Outlook	84
<b>9</b>	Appendix	86

# Why to invest in Hannover Re...

## Excellent market position and very strong capitalisation

- Leading reinsurer with worldwide presence
- Very strong capitalisation according to Solvency II and S&P rating

## Growing earnings and dividends

- Strong track record of profitable growth
- Dividend policy:  
ordinary dividend > prior year
- Total shareholder return of 15% p.a.<sup>1)</sup>  
(market value growth + dividends)

1) Average for the years 2013 – 2023



## Delivering high and sustainable profitability

- Industry-leading return on equity
- Competitive advantage: lean operating model with low cost ratio
- Low earnings volatility supported by broad diversification, efficient retrocession and prudent reserving

# Agenda

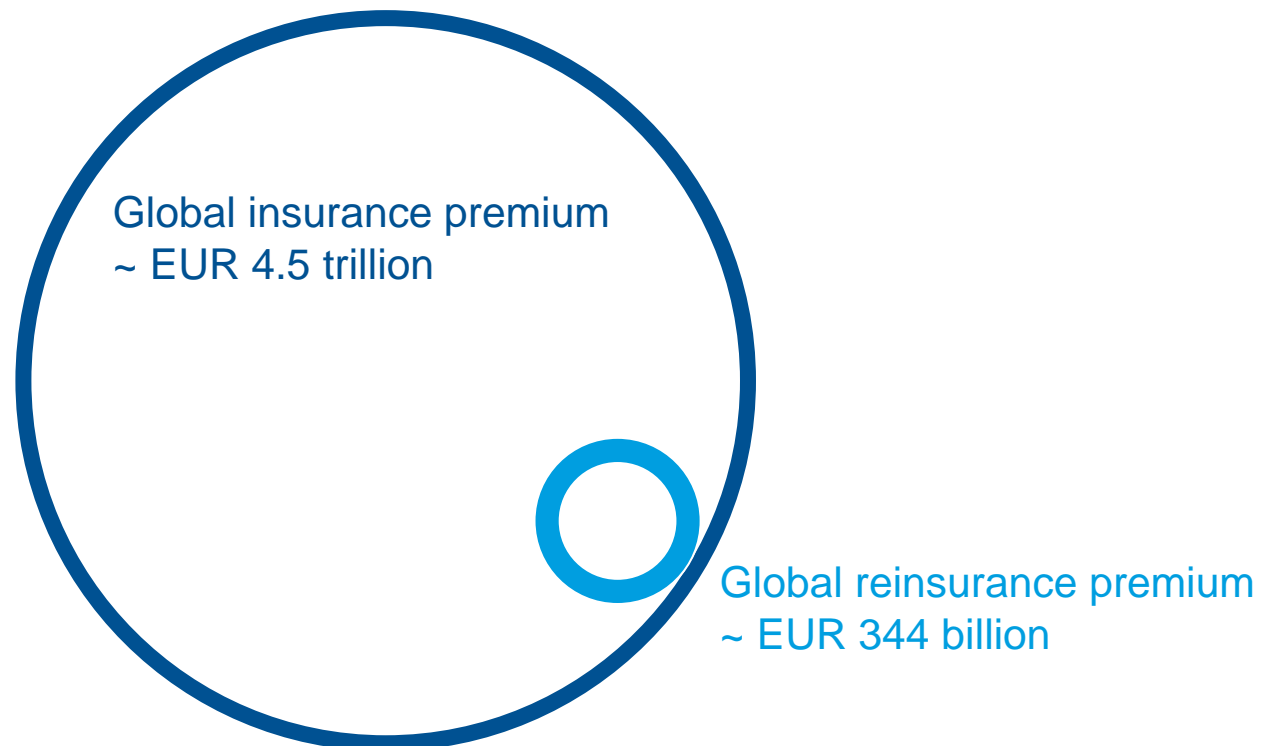
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# Reinsurance has the character of a specialty market

With a share of 8% of the overall insurance market

## Market size primary insurance vs. reinsurance



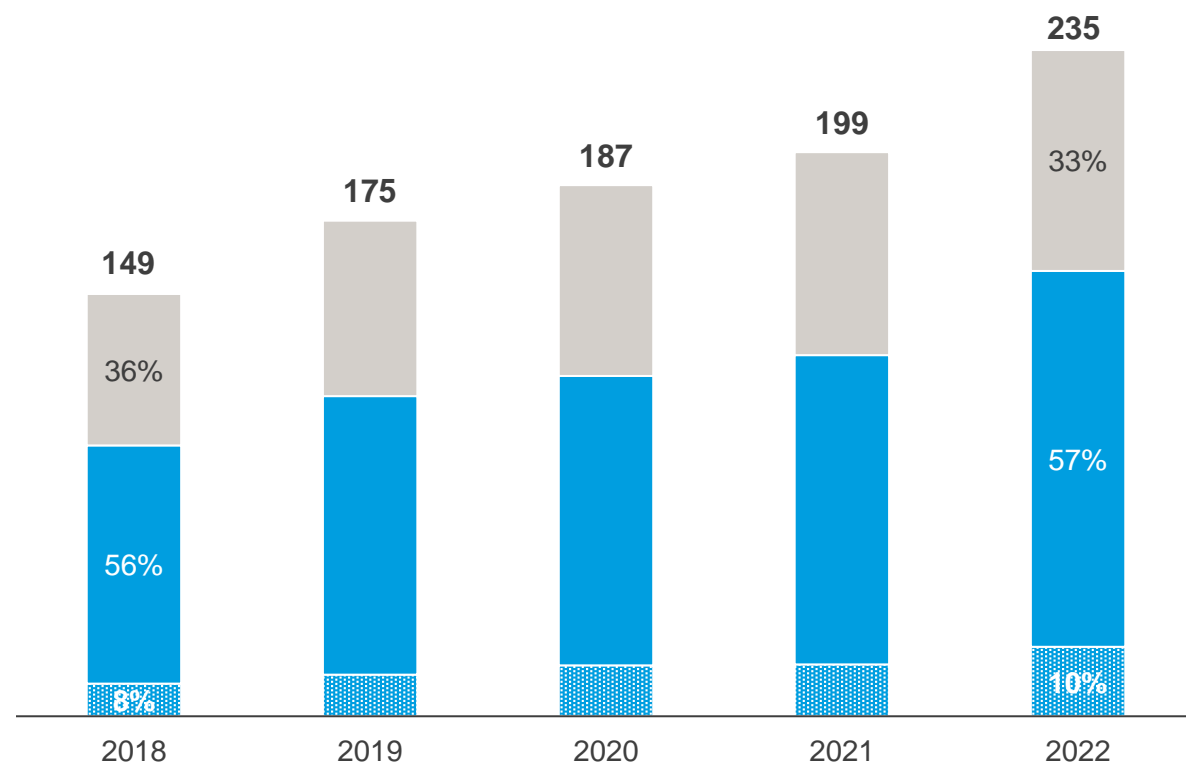
2022 or latest. Global reinsurance premium: gross written premium of the Top 50 Global Reinsurance Groups according to A.M. Best "Segment Report" (August 2023)  
Source: © A.M. Best Europe - Information Services Ltd. - used by permission, own research

# Growing Property and Casualty reinsurance market

## Hannover Re outperforms the market

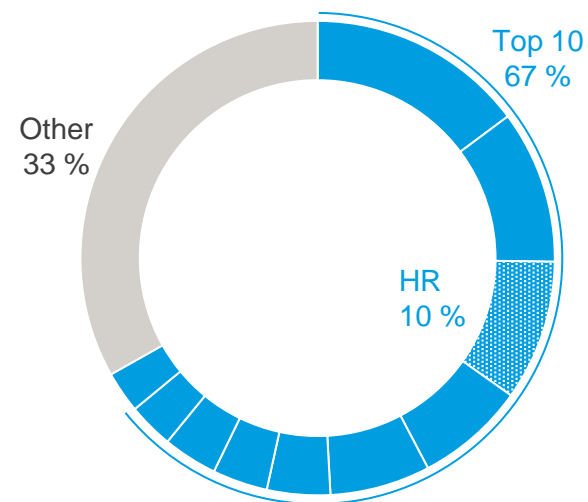
### Market size and concentration 2022

■ Hannover Re ■ Top 10 ■ Other



### GWP in bn. EUR

### Market share 2022



- Low market entry barriers lead to high fragmentation

### 4-year CAGR

Market	+12.1%	Top 10	+13.2%
Other	+9.9%	<b>HR</b>	<b>+20.5%</b>

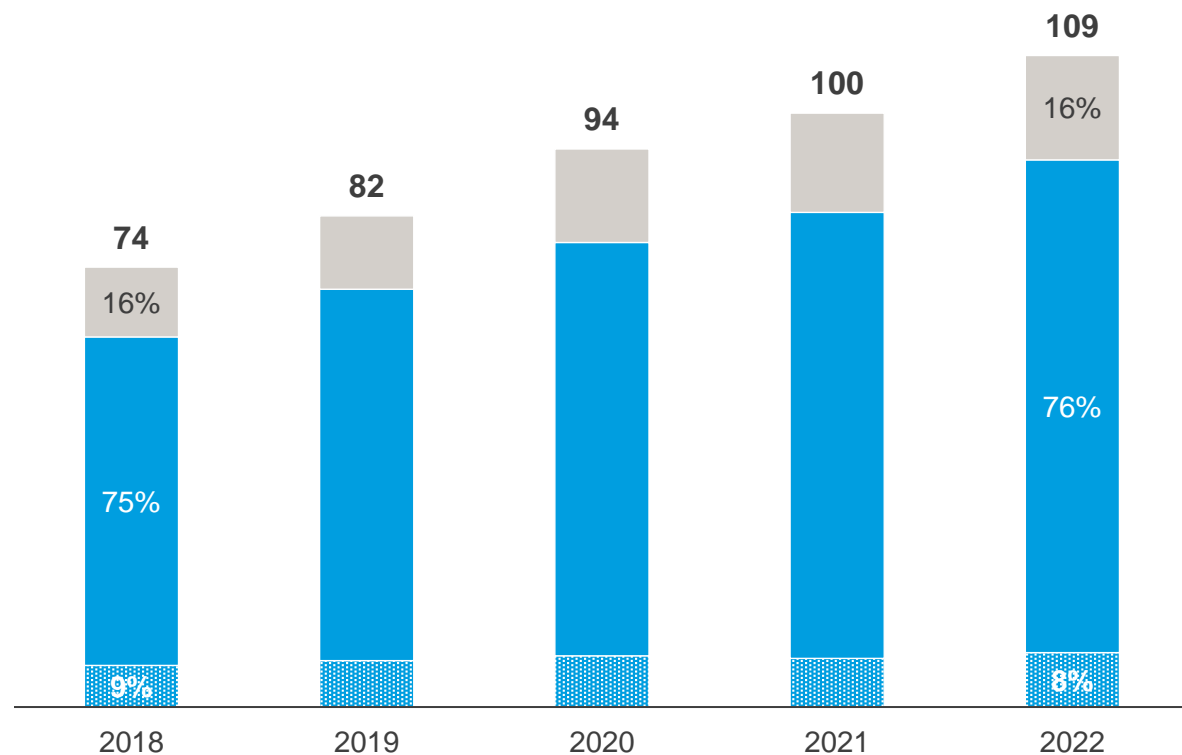
Market: Sum of Non-life GWP of Top 50 Global Reinsurance Groups according to A.M. Best "Segment Report" (August 2023)  
 Top 10 in 2022: Munich Re, Hannover Re, Swiss Re, Lloyd's, Berkshire Hathaway, SCOR, Everest Re, Renaissance Re, China Re, Partner Re  
 Source: © A.M. Best Europe - Information Services Ltd. - used by permission

# Life and Health reinsurance in a global perspective

## Concentrated market due to high entry barriers

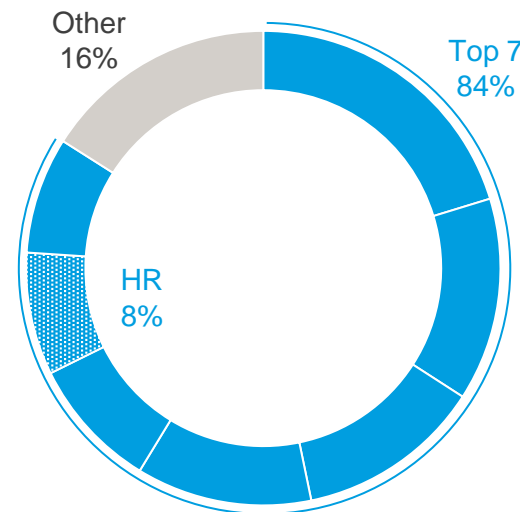
### Market size and concentration 2022

■ Hannover Re ■ Top 7 ■ Other



### GWP in bn. EUR

### Market share 2022



- High market entry barriers lead to a highly concentrated market
- Hannover Re's Financial Solutions business not fully captured in premium

### 4-year CAGR

Market	+10.3%	Top 7	+10.3%
Other	+10.6%	<b>HR</b>	<b>+6.9%</b>

Market: Sum of Life GWP of Top 50 Global Reinsurance Groups according to A.M. Best "Segment Report" (August 2023)  
 Top 7 in 2022: Canada Life Re, Swiss Re, Munich Re, RGA, SCOR, Hannover Re, China Re  
 Source: © A.M. Best Europe - Information Services Ltd. - used by permission

# Reinsurance is and will be an attractive product

## Drivers for reinsurance demand

### Trends, conditions and expectations



#### Global trends

- Protection gap
- Demographic change
- Climate change



#### New products/markets

- Emerging markets
- Cyber
- Emerging risks



#### Capital requirement

- Regulatory changes
- Capital models
- Local GAAP, IFRS



#### Volatile earnings

- Expectation of regulators, shareholders and rating agencies

### Impact on primary insurance ...

- Increasing demand for insurance of non-diversifying risk
- New risks lead to higher volatility and need for additional know-how
- High cost of capital/need for capital management

... **drives demand for reinsurance!**

### Value Proposition of reinsurance

Strong capital base

Diversification



#### Expertise/support in...

- ...risk management
- ...product development and pricing
- ...distributing products in new markets



Reducing cost of capital

Managing earnings volatility





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# Purpose & Values

The “why” and the “how” articulate our distinctive corporate culture

Our self-conception



Our values



## Purpose

Why do we do what we do?

**Beyond risk sharing –  
we team up  
to create opportunities**

## Strategy

What do we want to achieve?

**Core values**  
Which guiding principles are important for us?



# Staying Focused. Thinking Ahead.



Staying focused on our “somewhat different” approach

- Act as a pure-play reinsurer
- Be the preferred business partner
- Build on our lean and capital-efficient operating model



Securing profitable growth and outperformance

- Enable our clients to grow and succeed
- Enhance cycle management and portfolio steering
- Innovate and strengthen leadership in tailored solutions, longevity and ILS



Thinking ahead to enable global industry leadership

- Expand data and analytics capabilities
- Drive operational efficiency and automation
- Invest in leadership and people development

Our Ambition

Industry-leading performance

- Profitability: RoE
- Earnings growth: EBIT growth

Delivery on

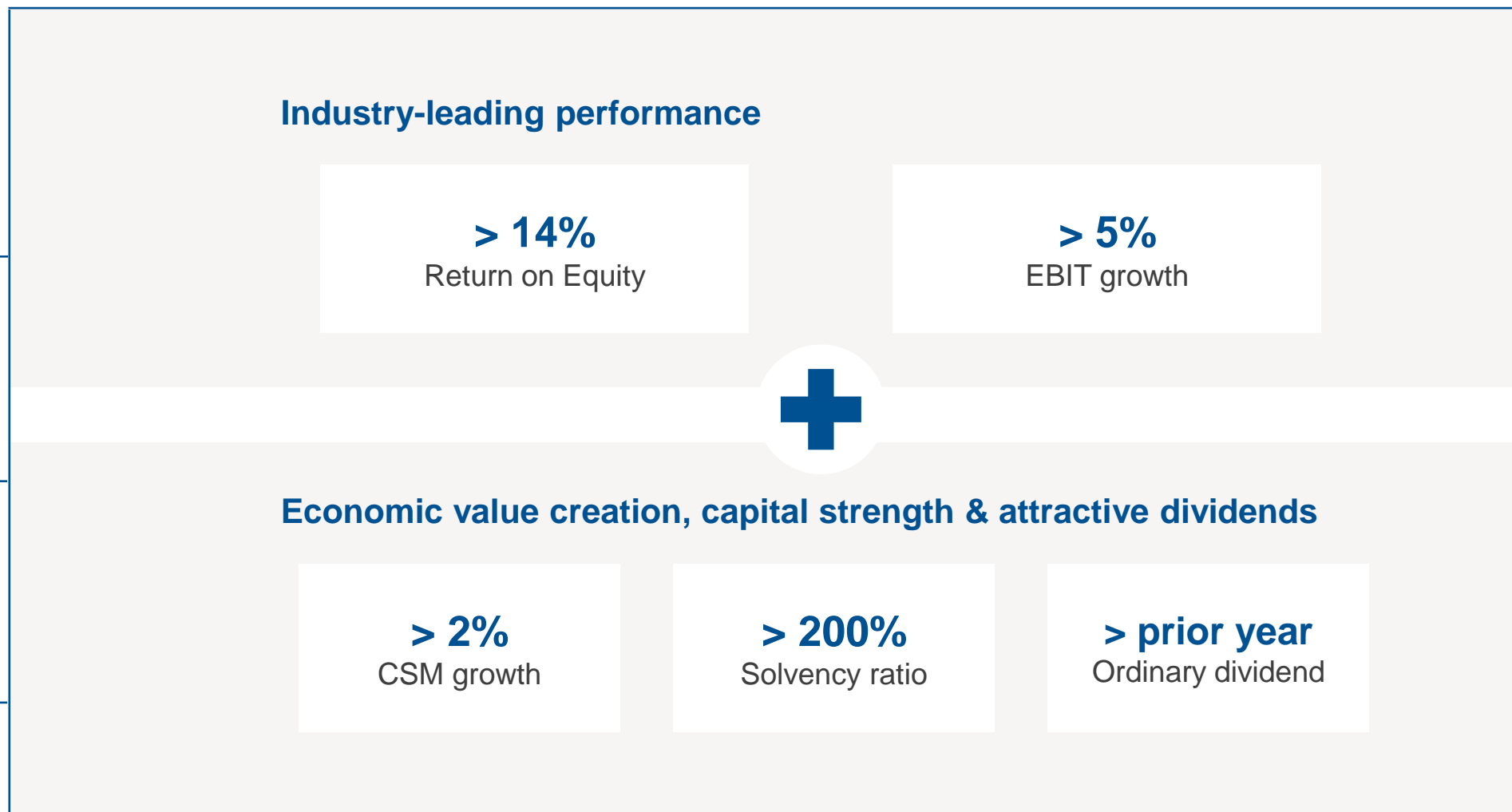
- Economic value creation: CSM growth, xRoCA
- Attractive dividends: Ordinary dividend growth
- Cost leadership: Cost/Reinsurance rev (gross)
- Capital strength: Solvency II ratio
- Credit ratings: S&P, A.M. Best
- Employee engagement: Engagement index
- Environmental stewardship: CDP score

Strong Foundations: Sustainability and Embedded Governance

# Financial ambition 2024 - 2026

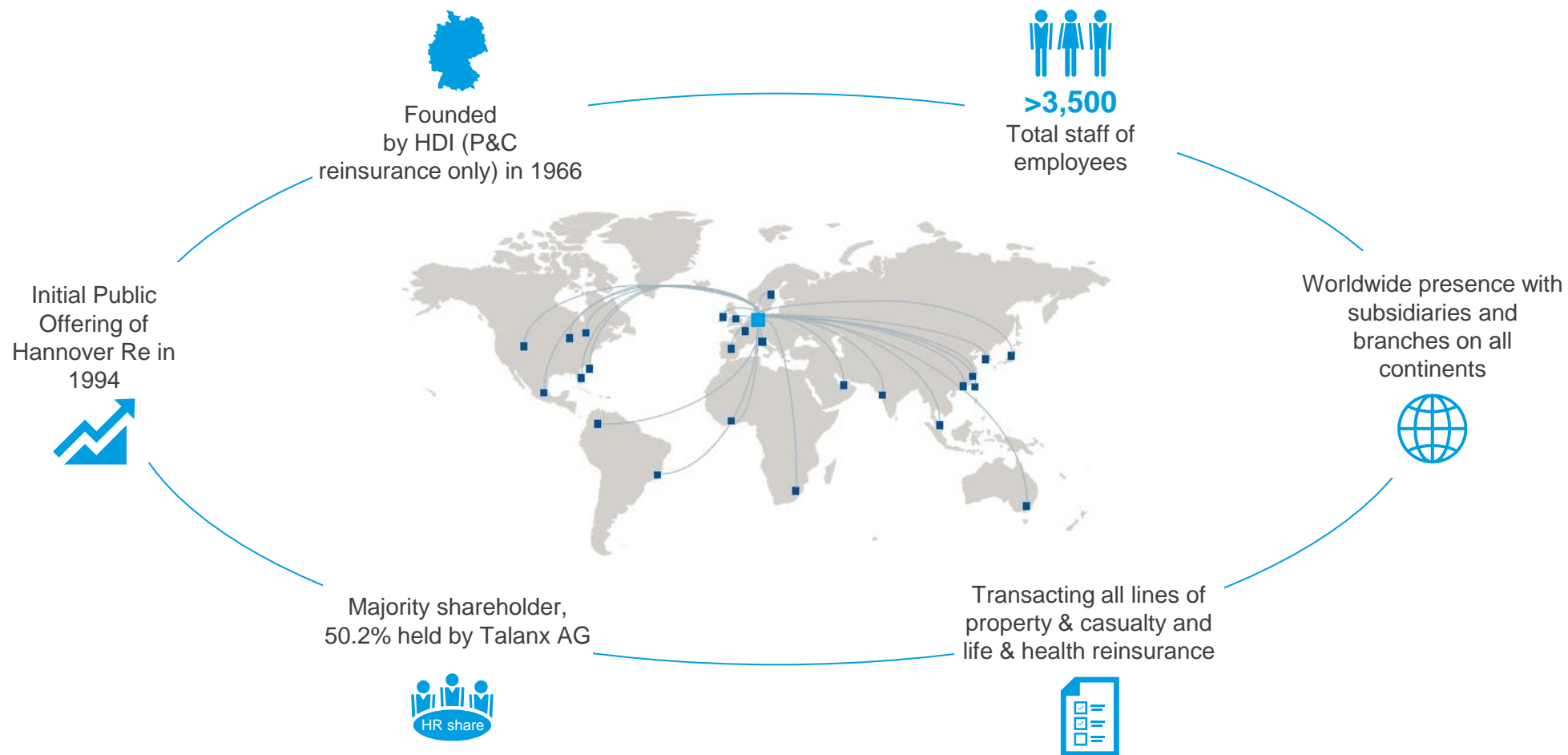
## Increasing earnings will support continued dividend growth

Staying Focused.  
Thinking Ahead.

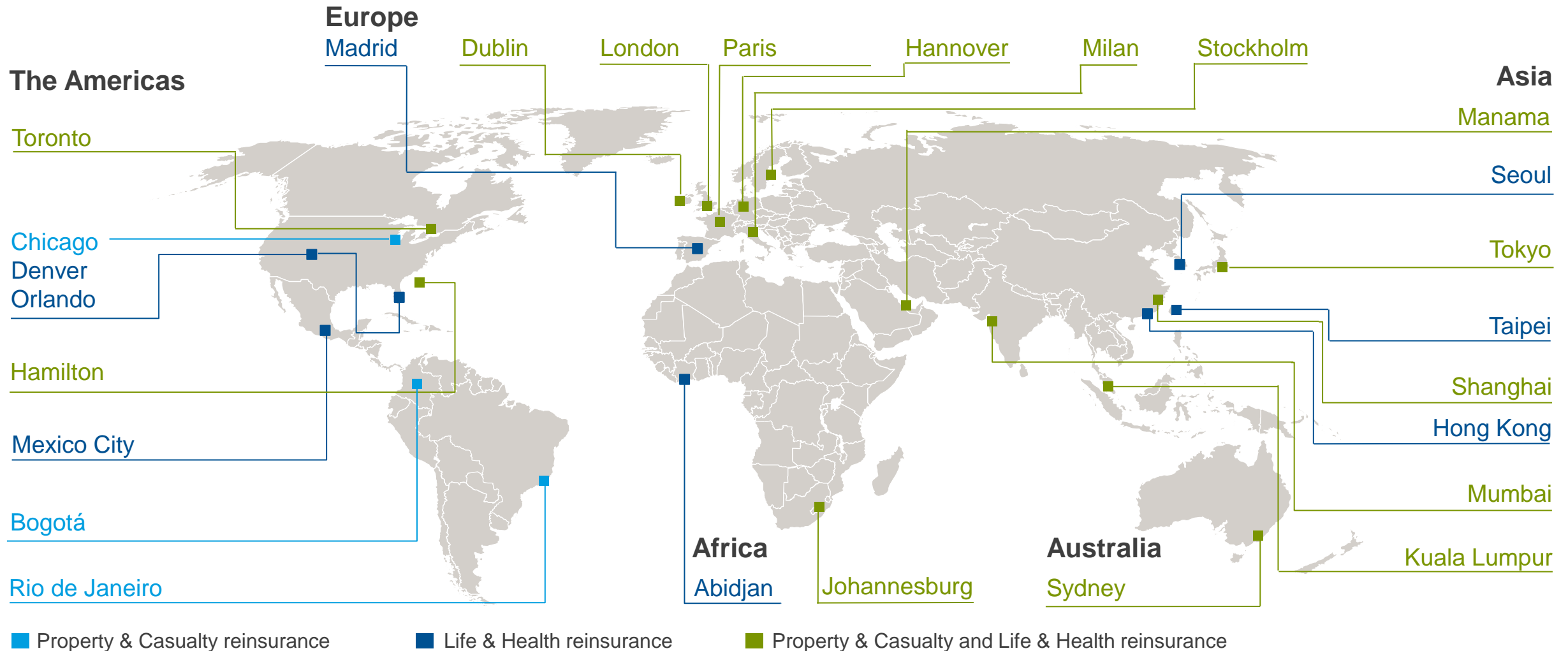


# One of the world's leading reinsurers

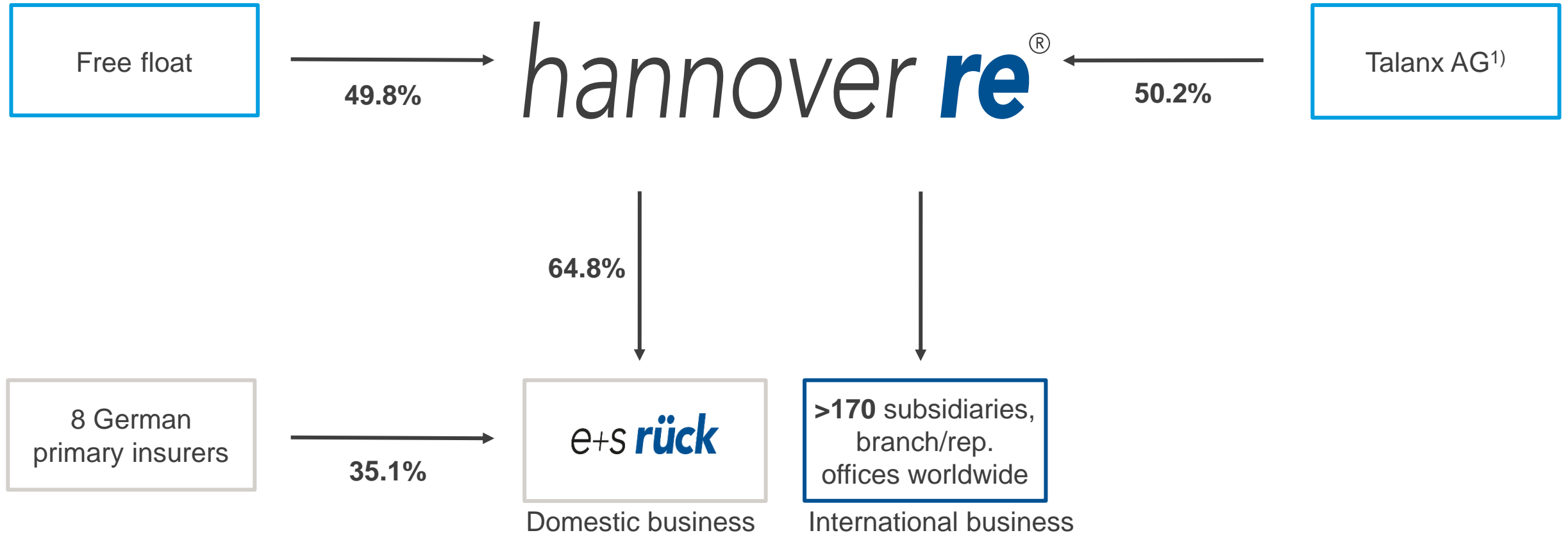
## Key facts about Hannover Re



# Present on all continents



## Group structure supports our business model



1) Majority shareholder HDI V.a.G.

# Executive Board of Hannover Rück SE



## Jean-Jacques Henchoz

Chief Executive Officer

Group Operations and Strategy, Information Technology, Facility Management, Human Resources Management, Corporate Communications, Group Audit, Group Risk Management, Compliance



## Clemens Jungsthöfel

Chief Financial Officer

Asset Management, Reinsurance Accounting and Valuation, Group Finance, Investor and Rating Agency Relations

## Life & Health R/I



## Claude Chèvre

Life & Health Reinsurance

Africa, Middle East, Asia, Australia, Latin America, Western and Southern Europe, Longevity Solutions



## Dr. Klaus Miller

Life & Health Reinsurance

North America, United Kingdom/Ireland, Northern, Eastern and Central Europe



## Sven Althoff

Property & Casualty Reinsurance

North America, Aviation and Marine, Credit, Surety and Political Risks, UK, Ireland and London Market, Facultative R/I, Coordination of Property & Casualty Business Group, Quotations



## Sharon Ooi

Property & Casualty Reinsurance

Asia-Pacific, South Africa



## Silke Sehm

Property & Casualty Reinsurance

Continental Europe and Africa, Catastrophe XL (Cat XL), Structured R/I and ILS, Retrocessions



## Dr. Michael Pickel

Property & Casualty Reinsurance

Middle East, Germany, Switzerland, Austria, Italy, Latin America, Iberian Peninsula and Agricultural Risks, Group Legal Services, Run Off Solutions



# We are among the top reinsurers in the world

## Premium ranking 2022

Rank	Group	Country	GWP	NPW
1	Munich Re	DE	51,331	48,550
2	Swiss Re	CH	39,749	37,302
3	<b>Hannover Re<sup>1)</sup></b>	<b>DE</b>	<b>35,528</b>	<b>29,672</b>
4	Canada Life Re	CA	23,414	23,414
5	Berkshire Hathaway Inc. <sup>2)</sup>	US	22,147	22,147
6	SCOR	FR	21,068	17,055
7	Lloyd's <sup>3)</sup>	UK	18,533	14,162
8	China Re	CN	16,865	15,395
9	RGA	US	13,823	13,052
10	Everest Re	BM	9,316	8,983
11	RenaissanceRe	BM	9,214	7,196
12	PartnerRe	BM	8,689	7,544
13	Korean Re	KR	7,804	5,797
14	Arch Capital	BM	6,948	4,924
15	MS&AD Insurance Group <sup>4)</sup>	JP	5,153	n/a

All figures in m. EUR unless otherwise stated

For further information please see A.M. Best "Market Segment Report" August 2023 (© A.M. Best Europe - Information Services Ltd. - used by permission)

1) Net premium written data not reported; net premium earned substituted

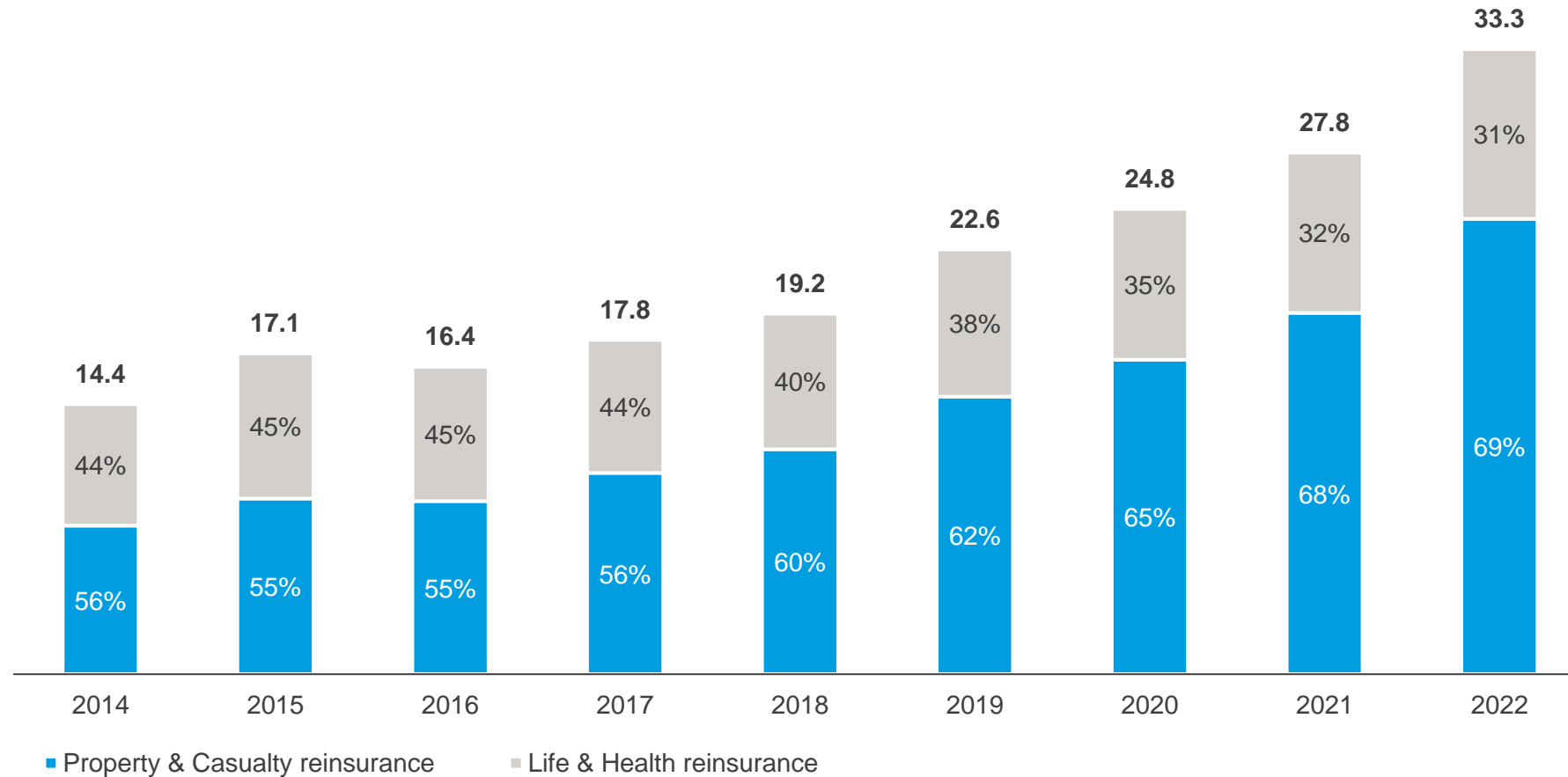
2) Berkshire Hathaway completed its acquisition of Alleghany Corp. on October 19, 2022, and, per US GAAP accounting rules, incurs premiums and expenses only after the acquisition

3) Lloyd's premiums are for reinsurance only. Premiums for certain groups in the rankings also may include Lloyd's Syndicate premiums when applicable

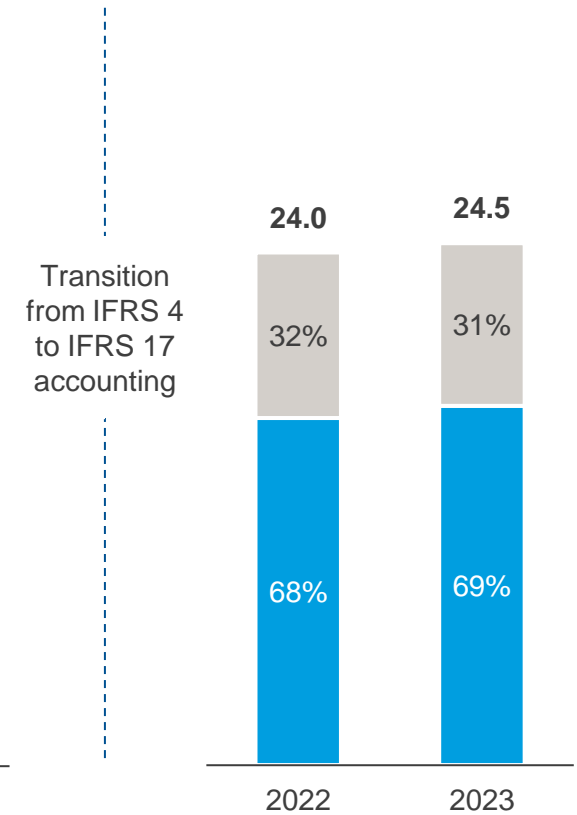
4) Fiscal year ended March 31, 2023

# Long-term track record of favourable growth

## Gross written premium



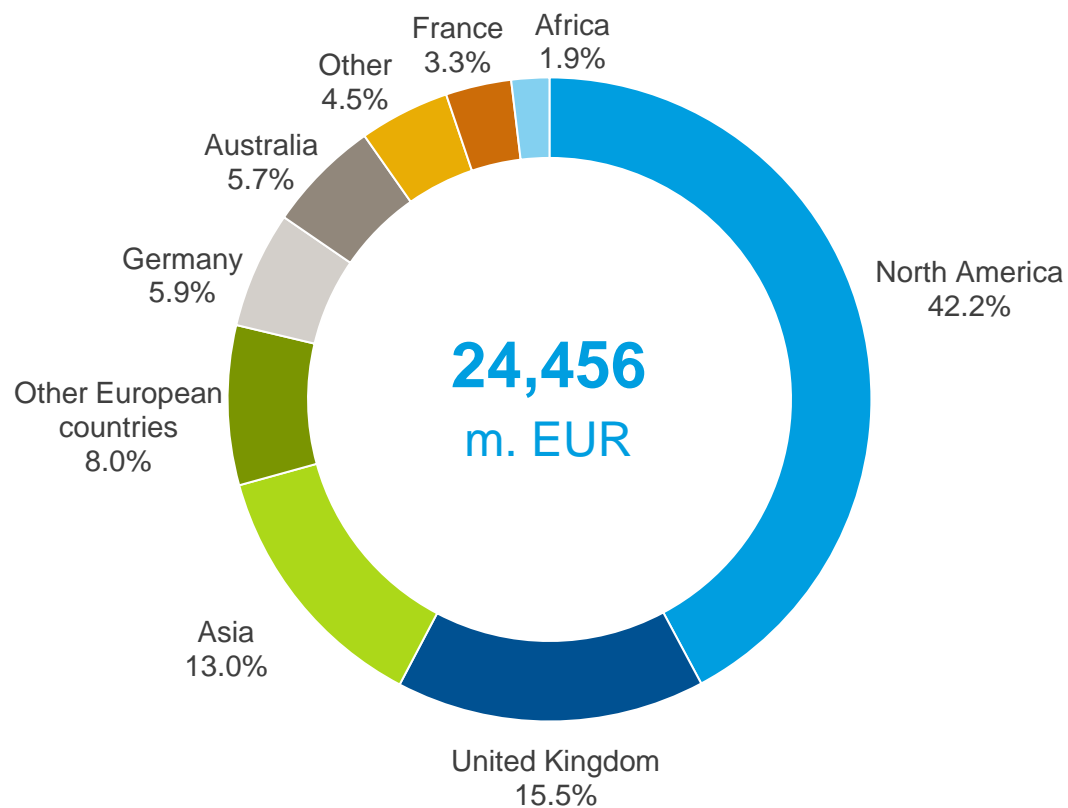
## Reinsurance revenue



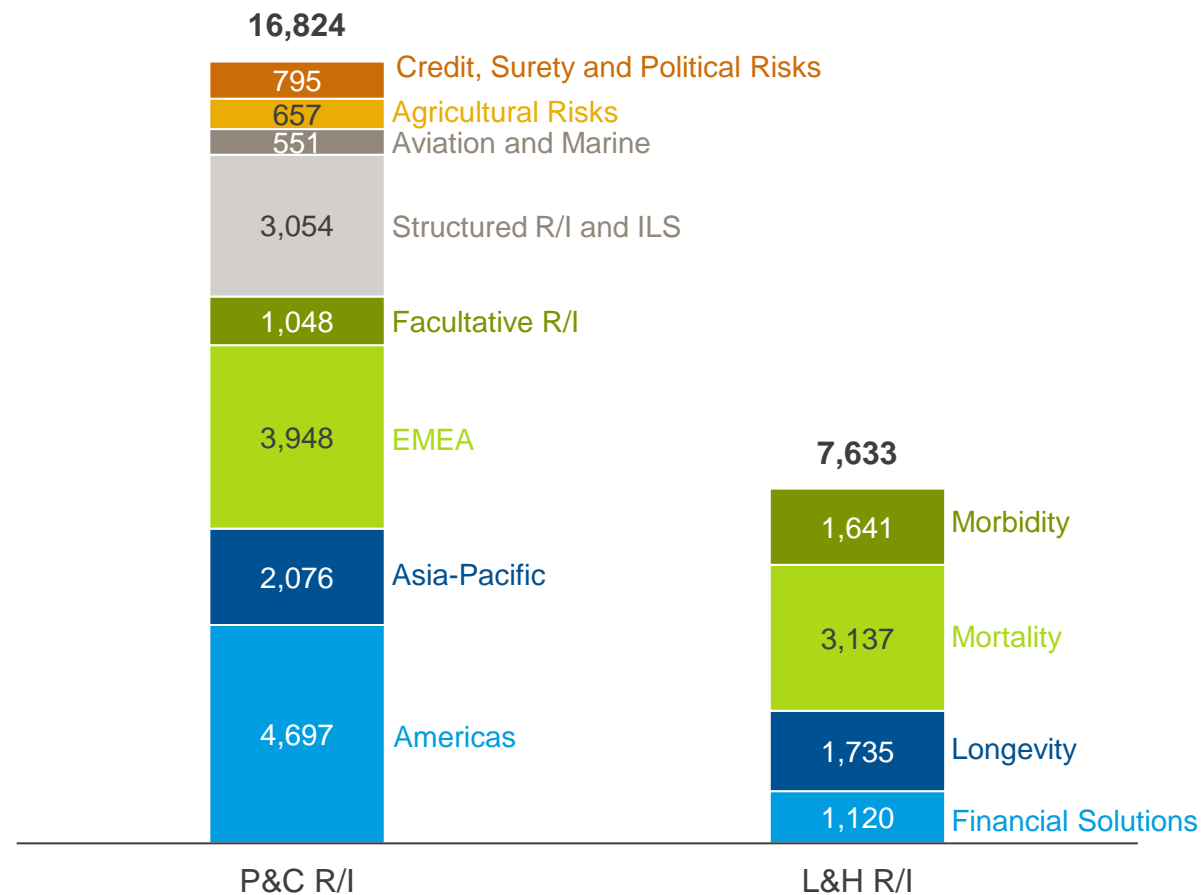
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# Well-balanced international portfolio

2023: Reinsurance revenue split by regions



2023: Reinsurance revenue split by line of business

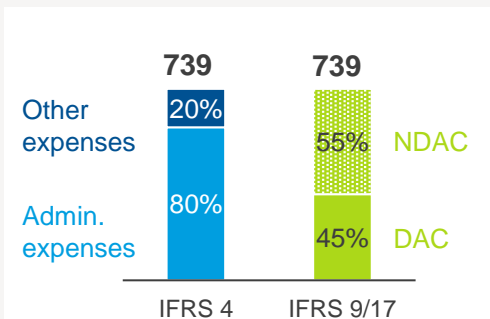


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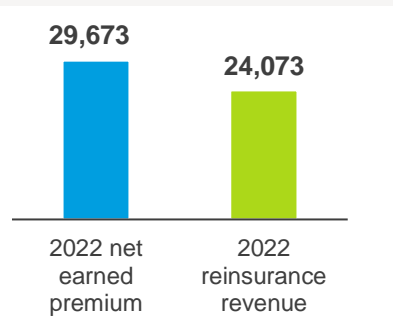
# Low cost ratio remains an important competitive advantage

## Cost ratio for financial year 2023 at 3.3%

- IFRS 17 directly attributable expenses are lower than IFRS 4 administrative expenses
- IFRS 17 cost ratio reflects NDAC and DAC
- Similar split DAC and NDAC between P&C and L&H



Admin. expense ratio **1.9%**  
 Cost ratio **3.2%**



- New reference base reinsurance revenue gross
- Reinsurance revenue is lower than IFRS 4 premium mainly due to exclusion of commissions and NDIC

### Lean operating model based on

Organisational **simplicity** and **fast decision-making**



Strong **cost culture**



**Pure play** reinsurance

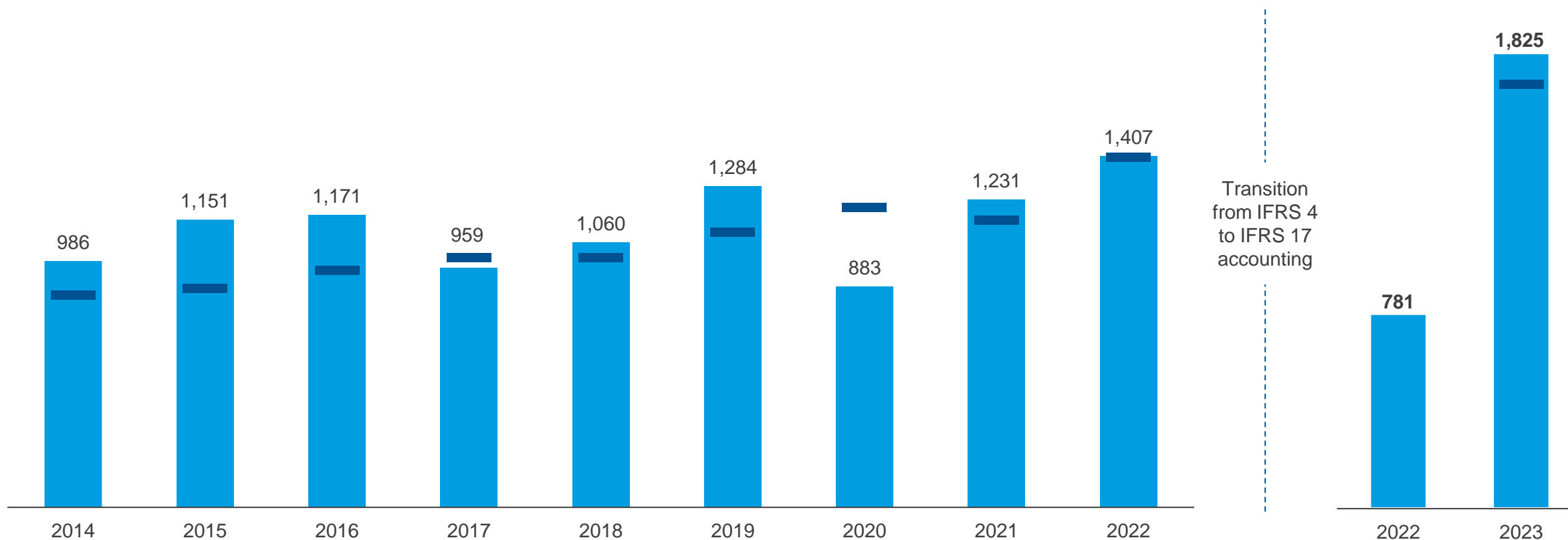
Numbers are FY2022; DA: Directly Attributable Costs; NDAC: Non-Directly Attributable Costs; NDIC: Non-Distinct Investment Component  
 All figures in m. EUR unless otherwise stated

# Long-term earnings growth and earnings stability in challenging years

## 2023: delivering on net income guidance and material balance-sheet strengthening

### Group net income

■ Guidance

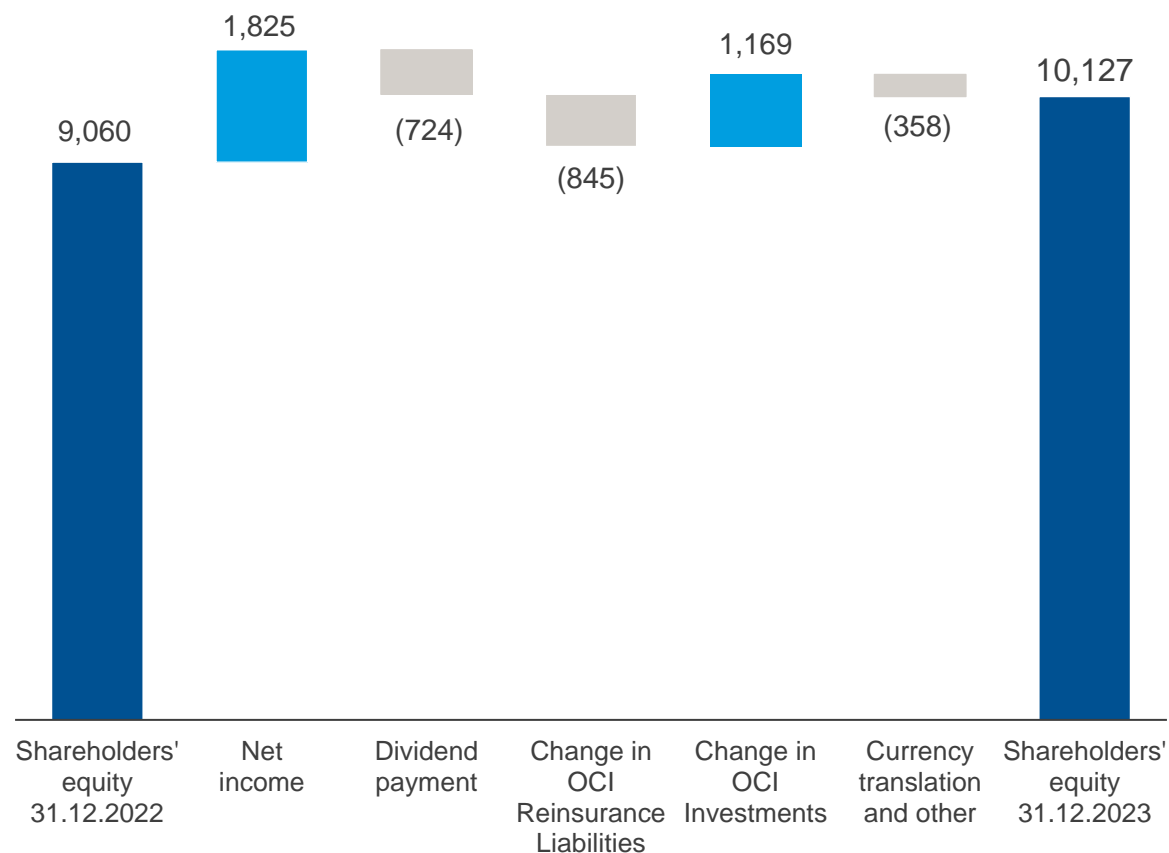


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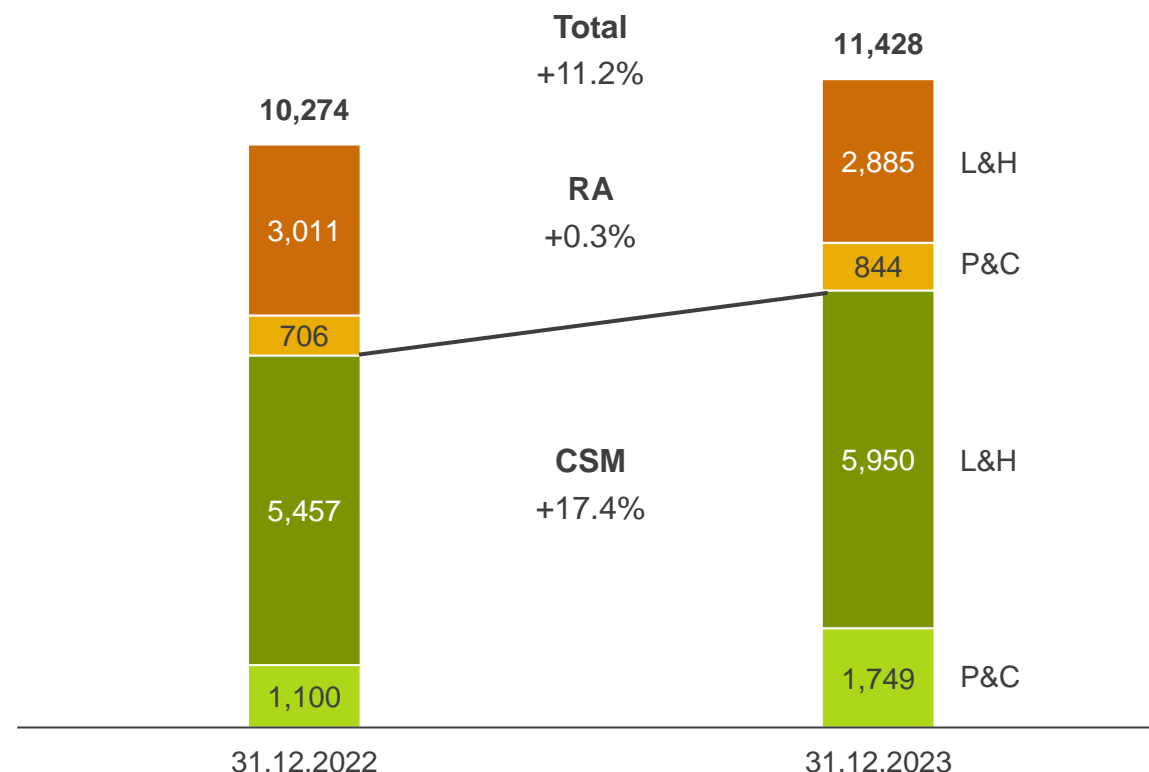
# Increase in shareholders' equity mainly driven by retained earnings

## Increase in CSM and RA will contribute to earnings over time

Change in shareholders' equity



Contractual Service Margin (net) and Risk Adjustment

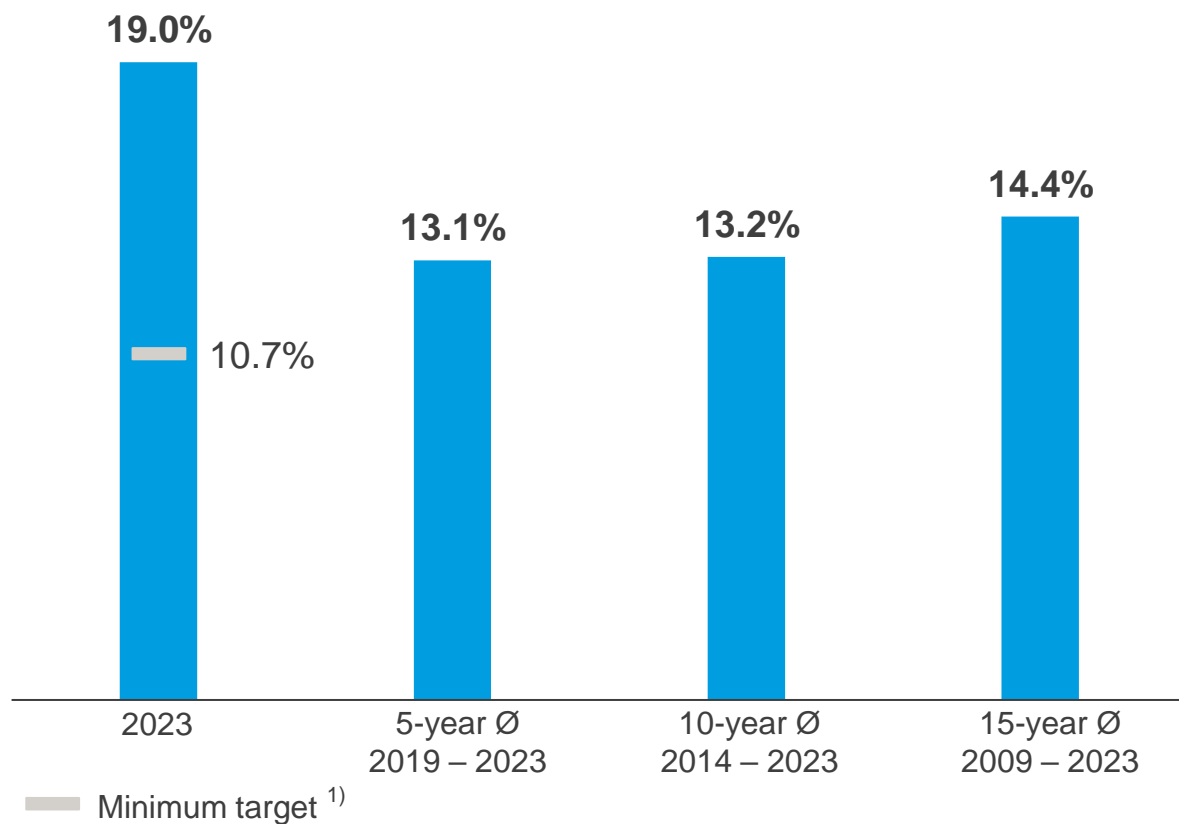


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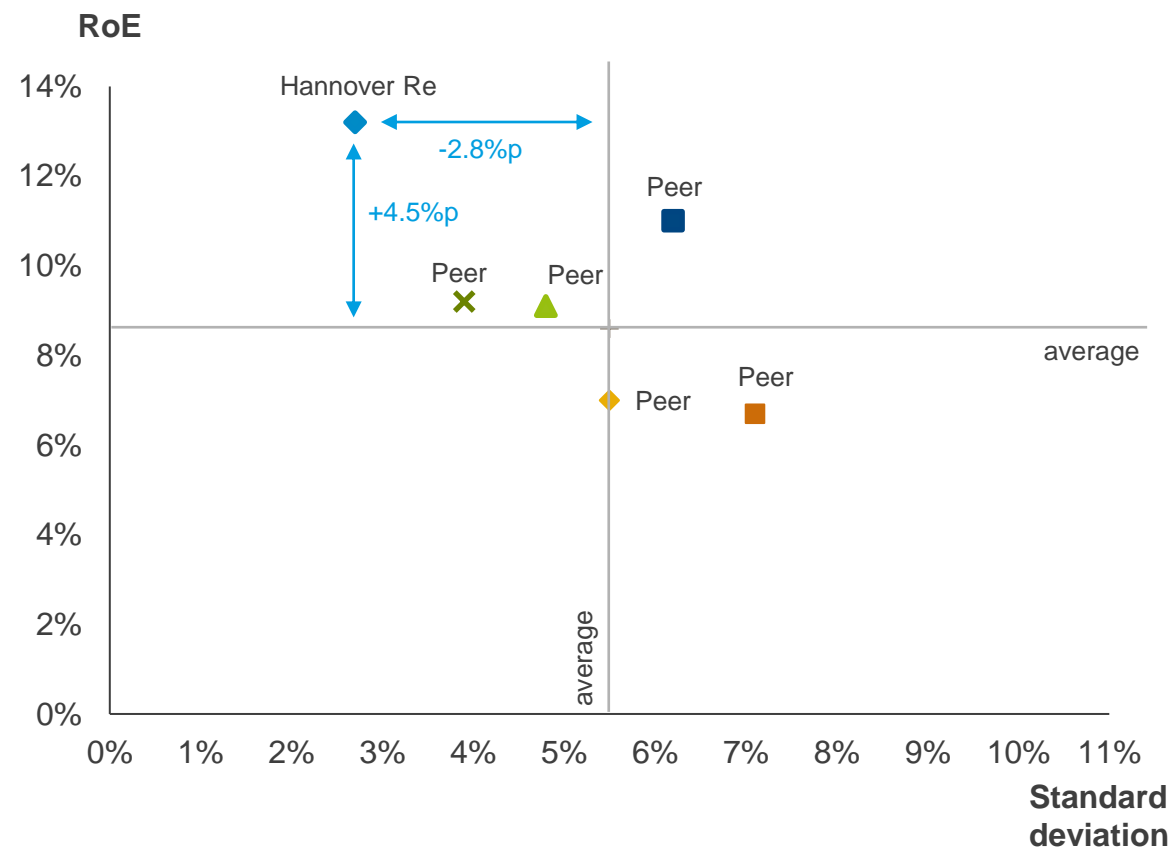
# Long-term track record of high and stable return on equity

## RoE of 19.0% well above target for 2023

Return on Equity: average<sup>2)</sup>



Average RoE and standard deviation 2014 - 2023



RoE based on reported company data, own calculation. Peers: Everest Re, Munich Re, RGA, SCOR, Swiss Re  
 1) After tax; target: 1,000 bps above 5-year rolling average of 10-year German government bond rate ("risk free")  
 2) 2009-2022 IFRS4

# Hannover Re remains one of the most profitable reinsurers

## No. 1 position on 5-year average RoE – significantly above peer average

Company	2019 <sup>1)</sup>		2020 <sup>1)</sup>		2021 <sup>1)</sup>		2022 <sup>1)</sup>		2023 <sup>2)</sup>		2019 - 2023	
	RoE	Rank	RoE	Rank	RoE	Rank	RoE	Rank	RoE	Rank	avg. RoE	Rank
<b>Hannover Re</b>	<b>13.3%</b>	<b>1</b>	<b>8.2%</b>	<b>1</b>	<b>10.8%</b>	<b>2</b>	<b>14.1%</b>	<b>1</b>	<b>19.0%</b>	<b>3</b>	<b>13.1%</b>	<b>1</b>
Peer	8.7%	4	3.2%	5	4.5%	6	5.1%	4	11.2%	6	6.5%	4
Peer	11.9%	2	5.5%	2	13.9%	1	6.4%	3	23.3%	1	12.2%	2
Peer	9.6%	3	4.0%	3	9.7%	3	13.2%	2	16.2%	5	10.5%	3
Peer	6.9%	5	3.7%	4	7.3%	4	-5.2%	6	18.0%	4	6.2%	5
Peer	2.5%	6	-3.1%	6	5.7%	5	2.6%	5	22.3%	2	6.0%	6
<b>Average</b>	<b>8.8%</b>		<b>3.6%</b>		<b>8.6%</b>		<b>6.0%</b>		<b>18.3%</b>		<b>9.1%</b>	

RoE based on company data, own calculation

1) All companies reported IFRS4 / US-GAAP figures

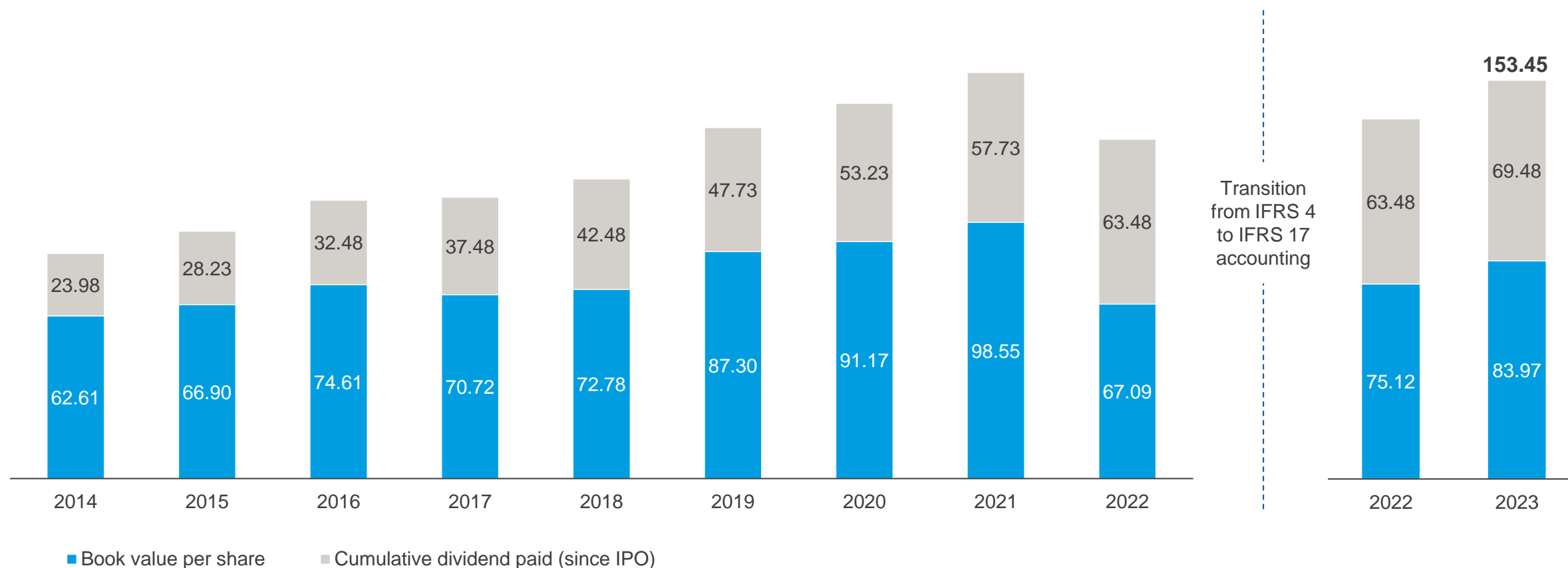
2) Hannover Re, Munich Re, SCOR: IFRS 17 / RGA, Everest Re, Swiss Re: US-GAAP



# Value creation for shareholders driven by growth in book value and dividends

## Increasing interest rates and transition to IFRS 17 led to decrease in equity in 2022

### Book value and accumulated paid dividends



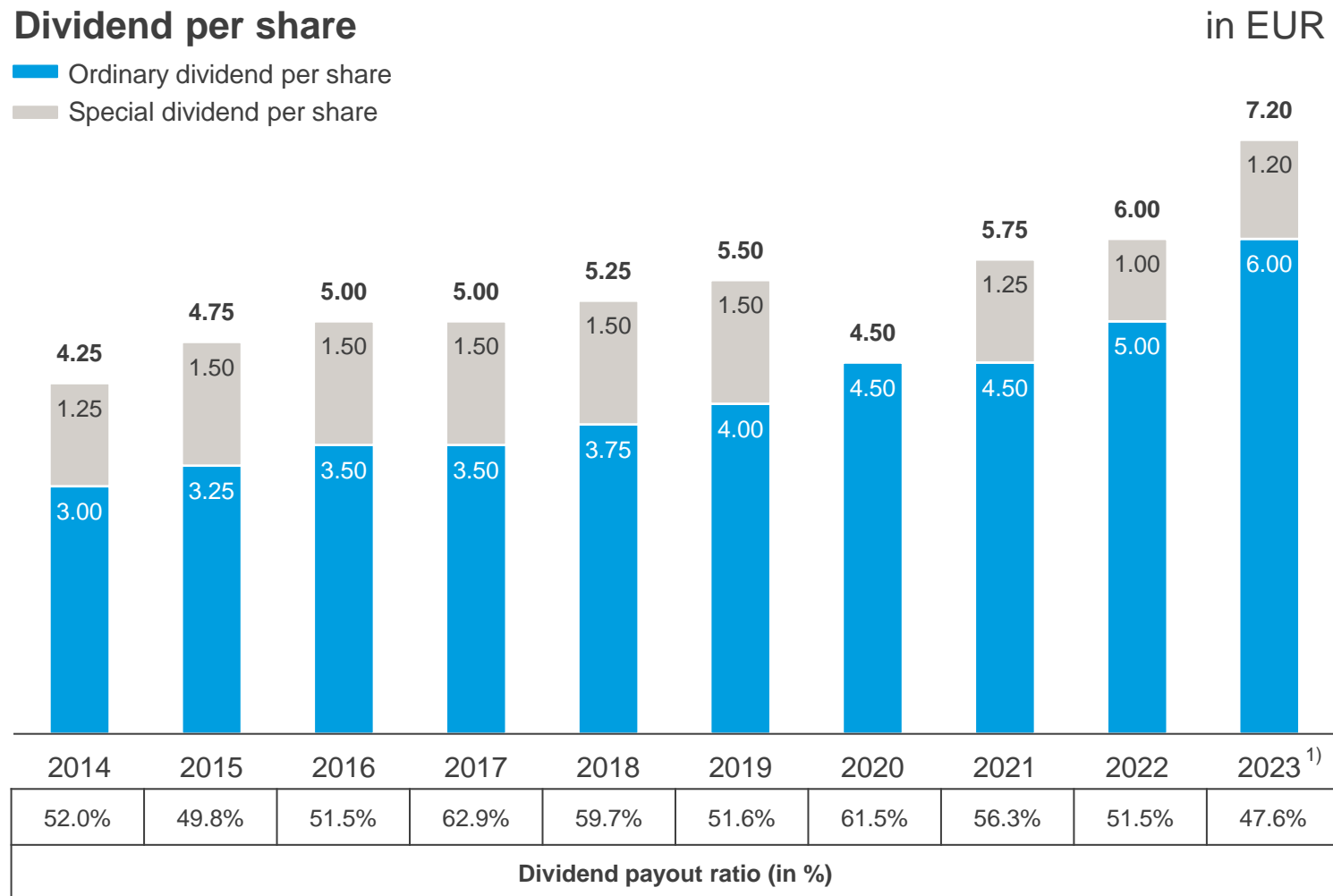
All figures in EUR unless otherwise stated

# Dividend strategy emphasizes continuity of ordinary dividend

## 2023: increased ordinary dividend reflects positive earnings trend

### Dividend per share

■ Ordinary dividend per share  
■ Special dividend per share



### Dividend strategy

**Ordinary DPS > prior year**  
 +  
**Special dividend**  
 if capitalisation exceeds capital requirements for future growth  
 and profit targets are achieved

1) Dividend proposal; subject to consent of AGM

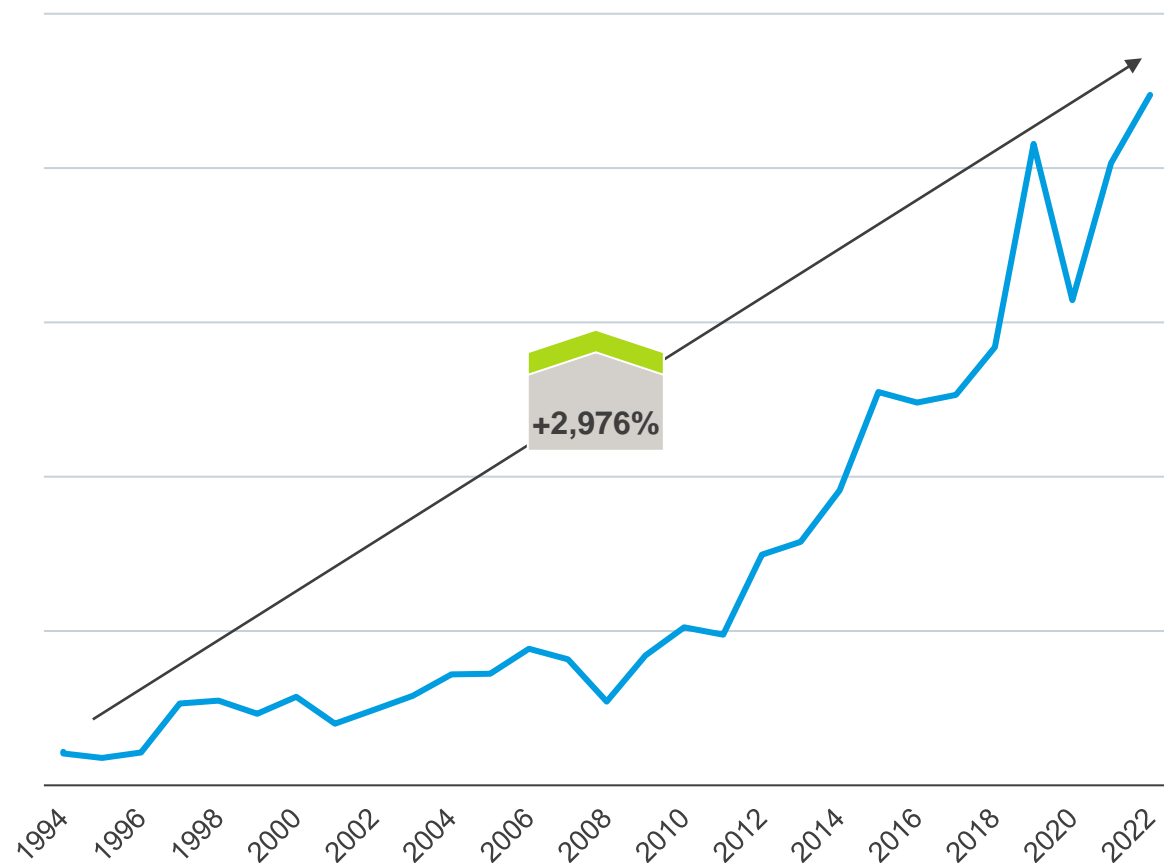
# HR share price increased by +84% over the past 3 years

Performance comparison (incl. reinvested dividends)



# Annual Total Shareholder Return (TSR) of 12.6% since IPO

## Value creation since IPO



## Total Shareholder Return (TSR)



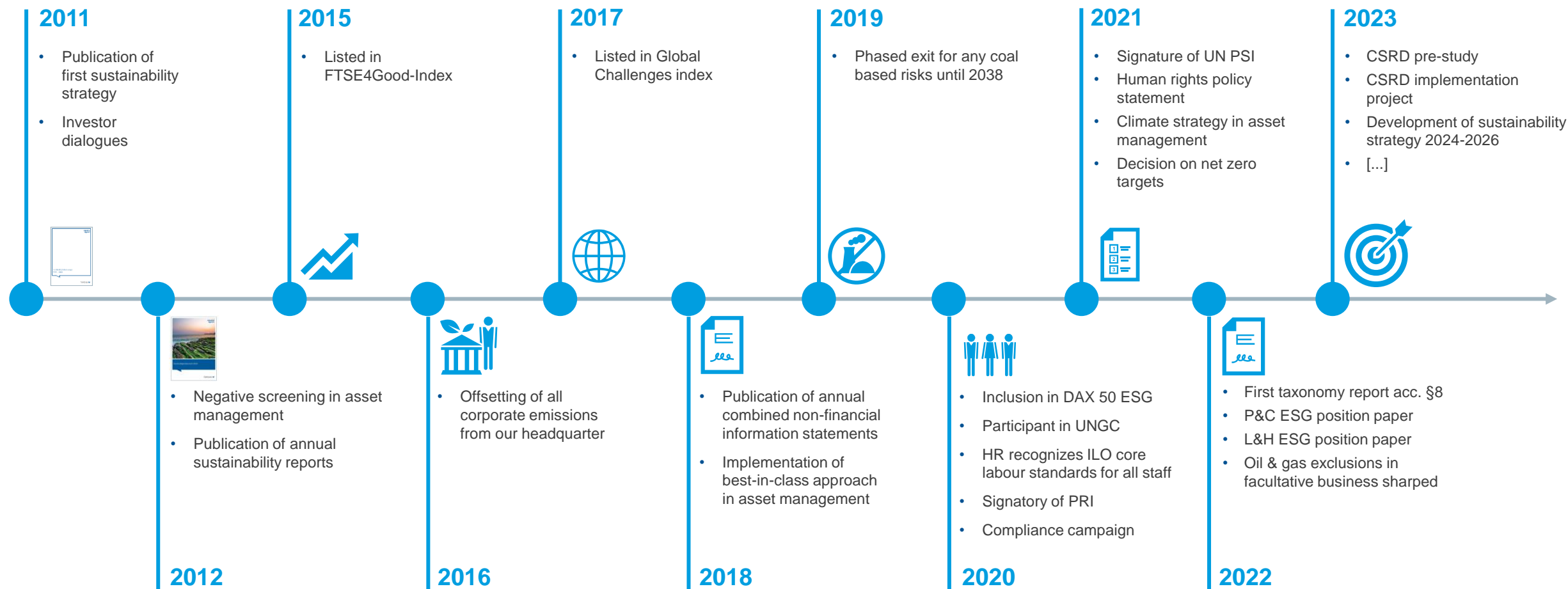
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# Sustainability at Hannover Re

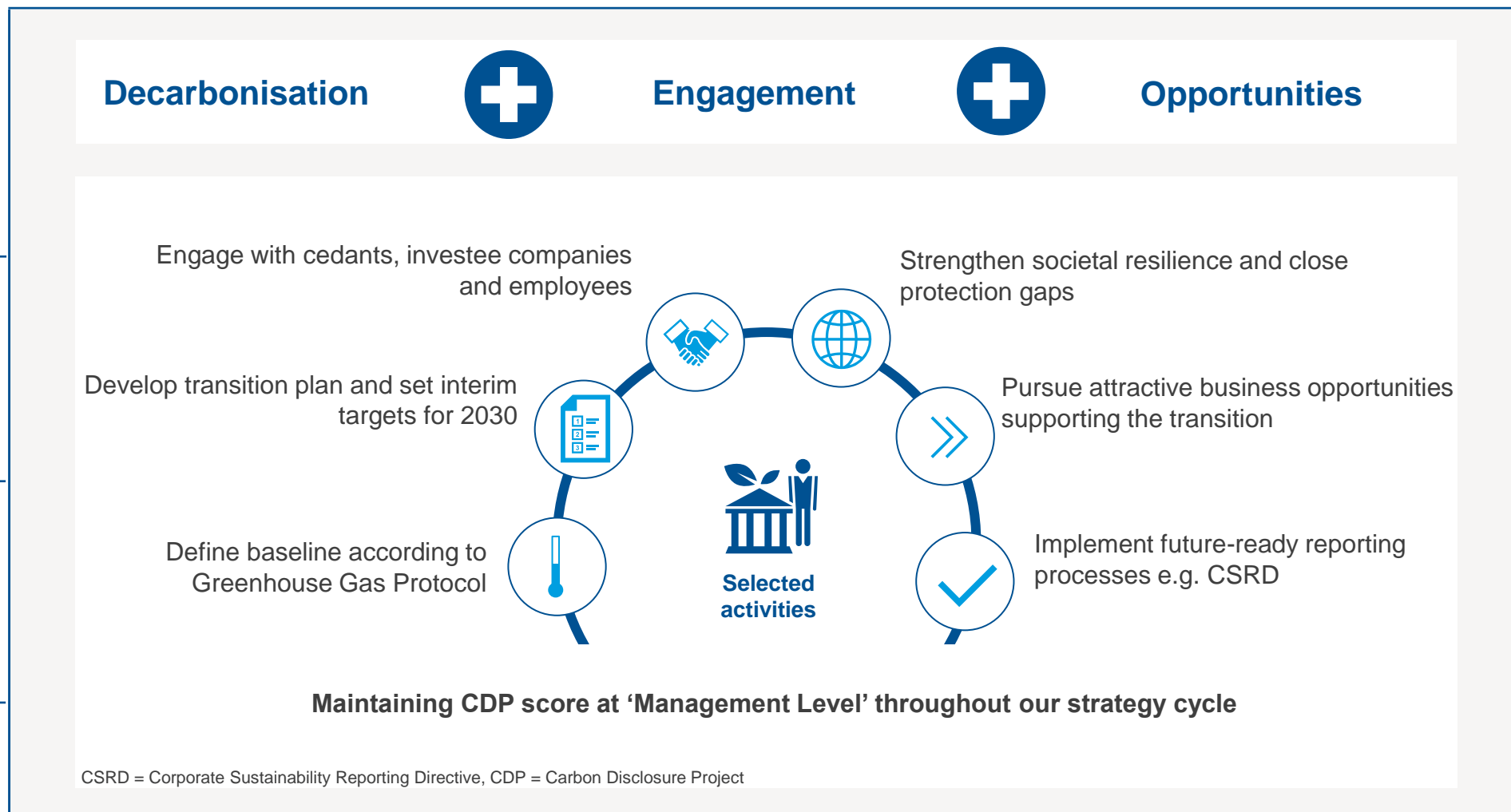
## How we evolved



# Sustainability embedded into our Group Strategy 2024 - 2026

## Focussing on environmental stewardship

**Staying Focused.  
Thinking Ahead.**



# Net zero targets

## Comprehensive goal setting in core business and own business operations



### Asset Management

- Climate strategy:
  - Decarbonisation: -30% of CO<sub>2</sub> footprint by 2025<sup>1)</sup>
  - Active investment in sustainable assets
  - Engagement; via proxy voting
- Application of specific exclusion criteria – e.g. thermal coal, oil sands
- Negative screening / active divestment since 2012



### Underwriting

- Exit from all risks connected with thermal coal and related infrastructure by 2038 in the entire P&C portfolio
- Development of P&C ESG position paper
- Further exclusions are defined in accordance with the ESG Manual for the facultative division



### Own business operations

- Carbon neutral at Hannover Office since 2016
- Implementation of a process to collect carbon emissions data Group-wide

1) Corporates, covered bonds and equities; compared to base year 2019



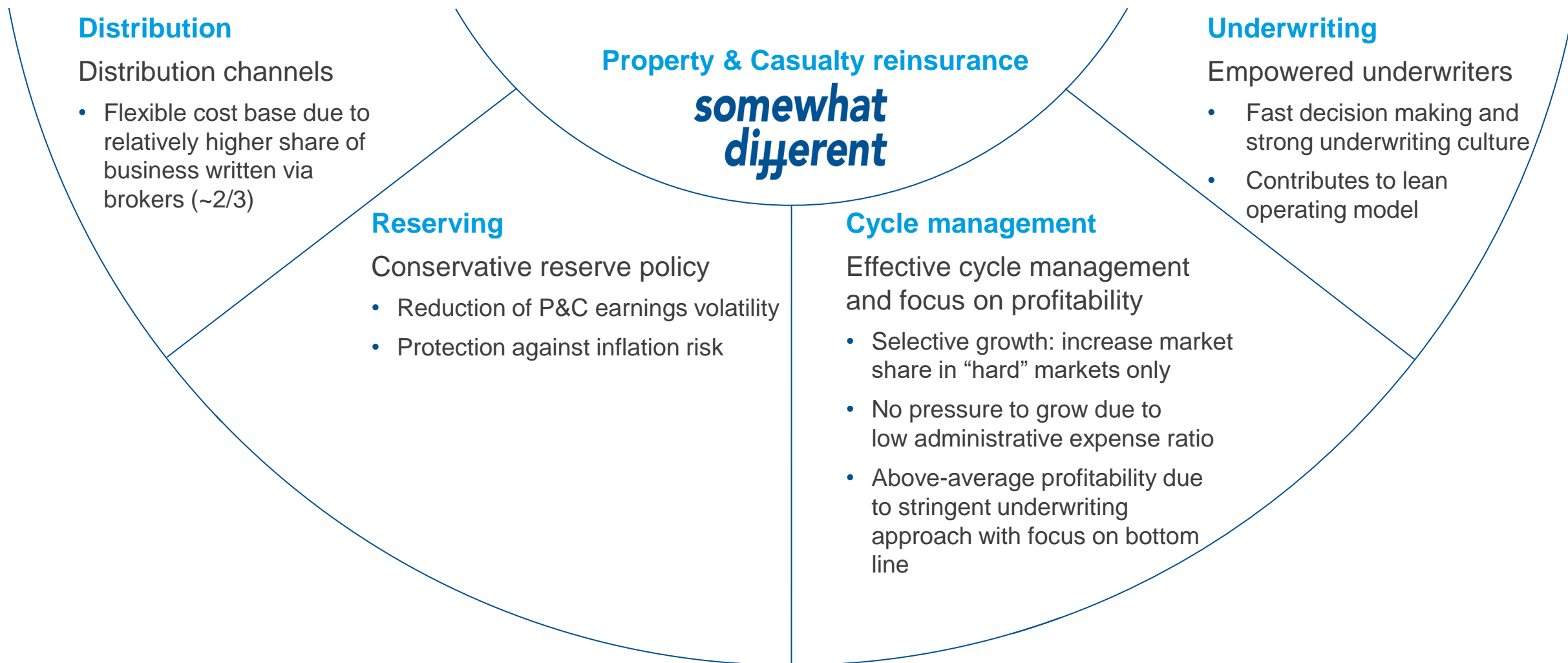
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# We are somewhat different

## Our approach in P&C reinsurance



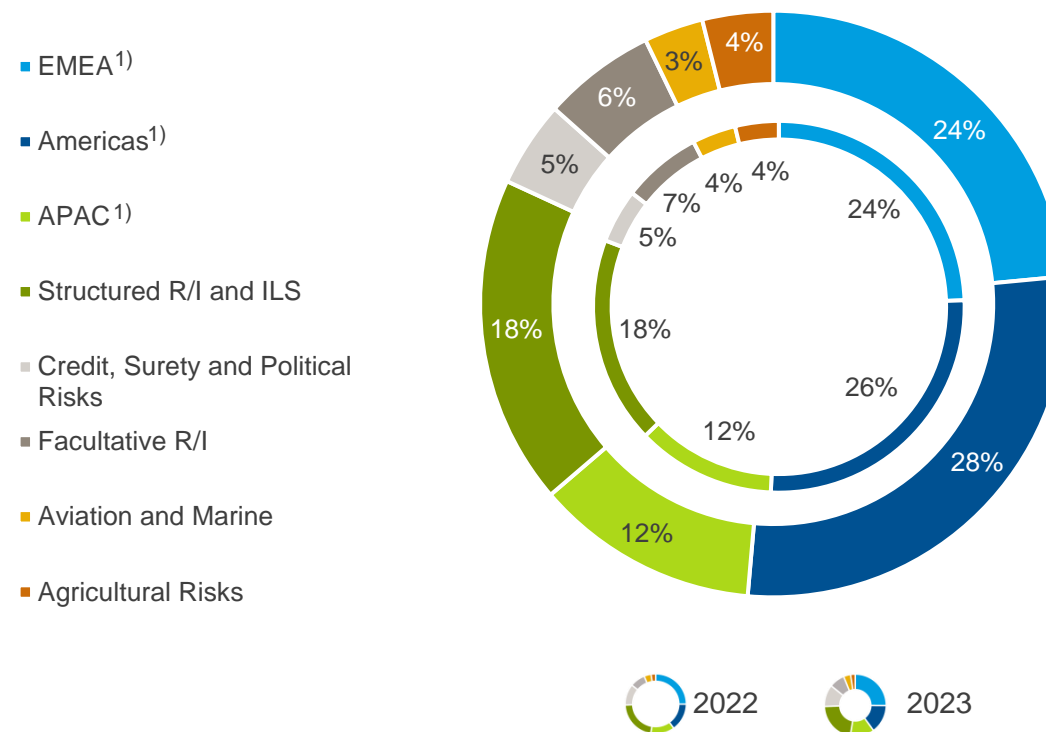
# Broad portfolio diversification in Property & Casualty across business lines

Reinsurance revenue (gross)

# 16,824 m. EUR

2022: 16,265 m. EUR

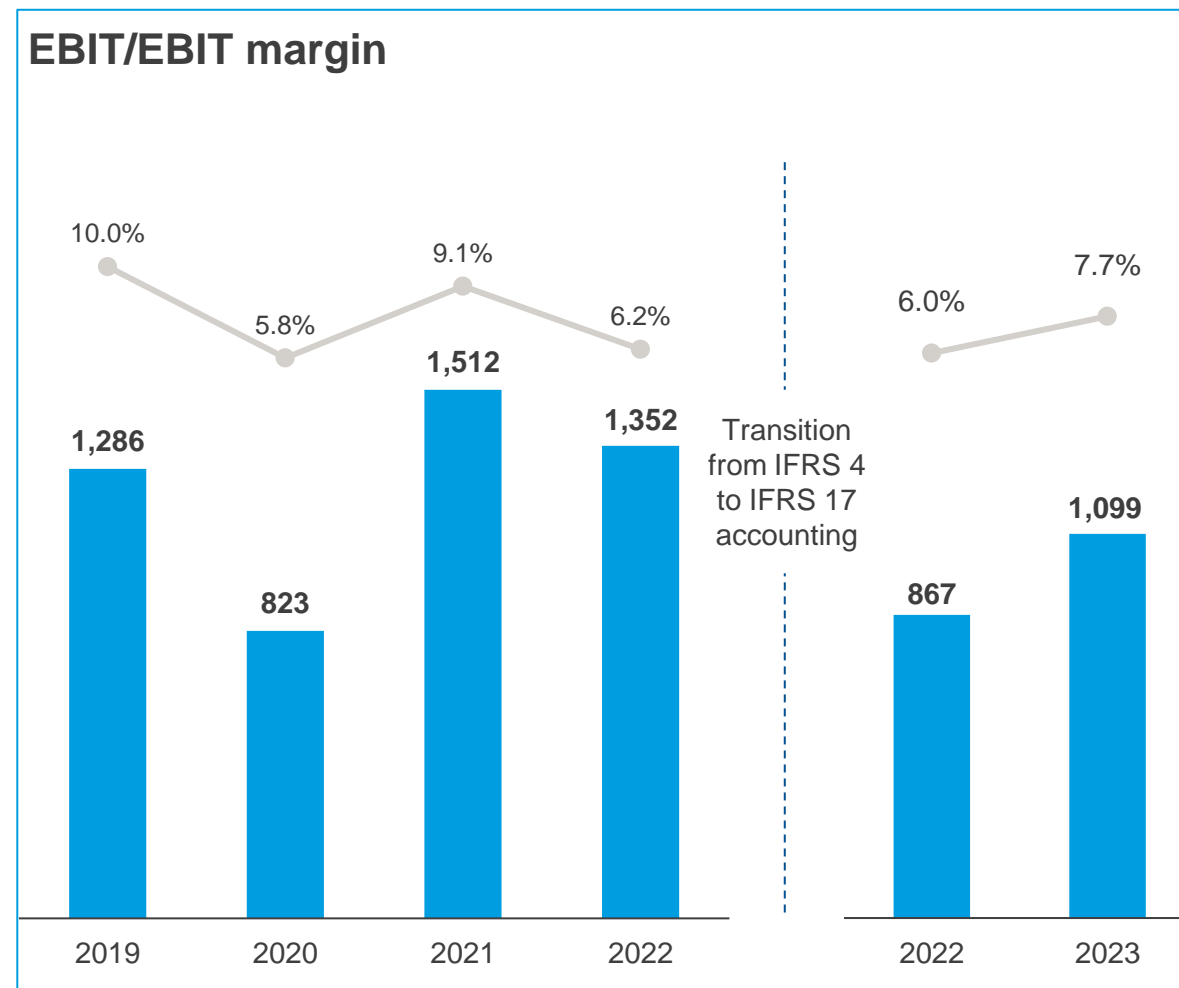
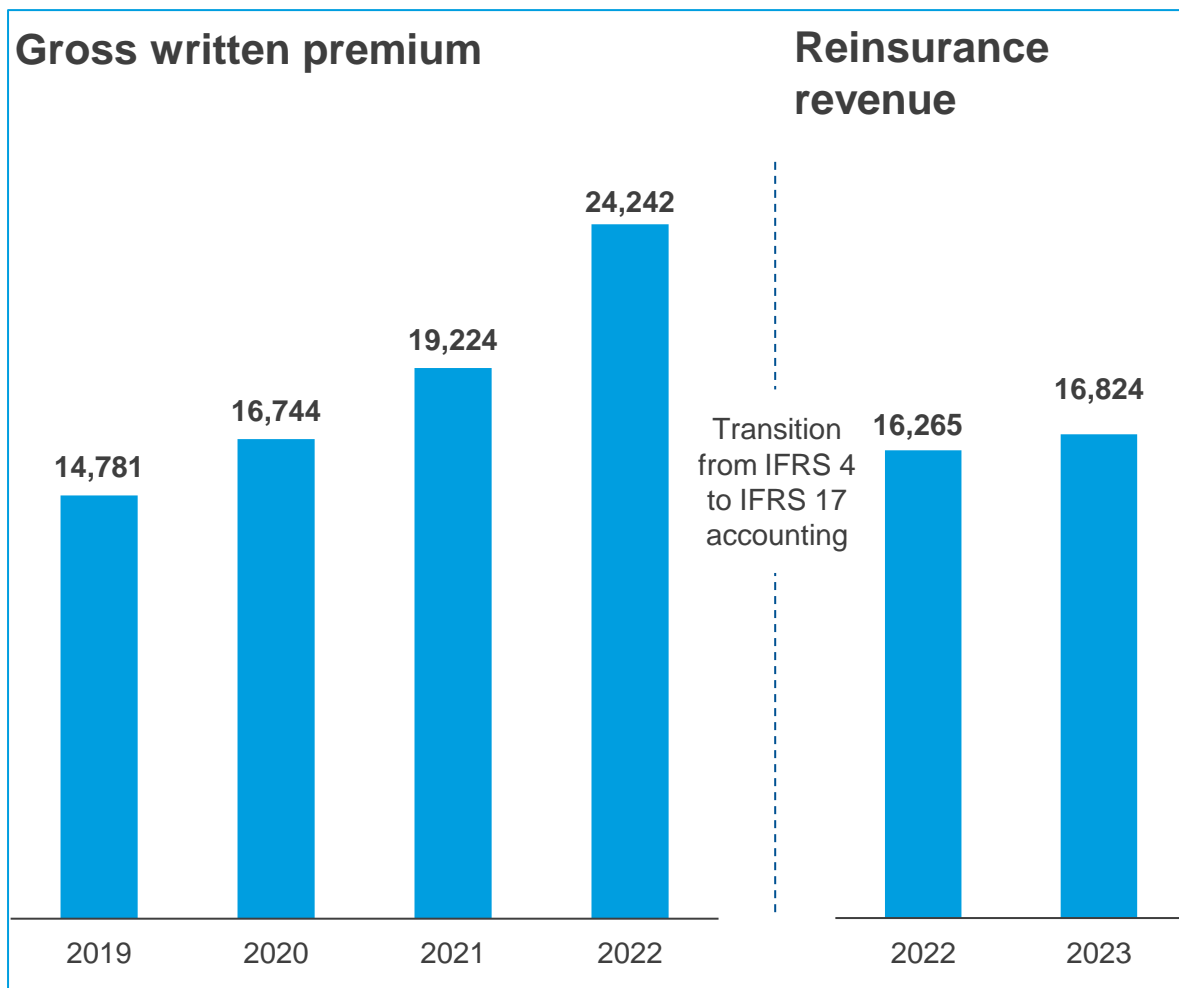
Reinsurance revenue (gross) split by segments



1) All lines of Property & Casualty reinsurance except those stated separately

# Margin-oriented U/W approach leads to profitable growth

## 2023 EBIT reflects material increase in reserve resiliency

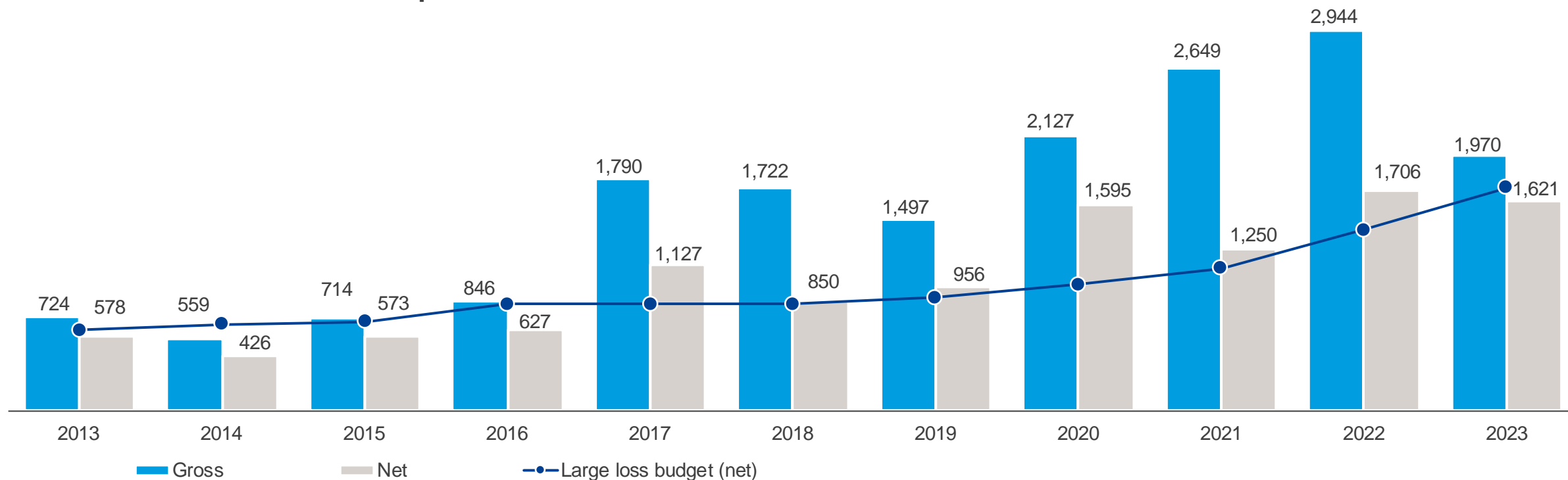


All figures in m. EUR unless otherwise stated

# Large losses well within budget of EUR 1,725 m.

## Natural and man-made catastrophe losses<sup>1)</sup>

in m. EUR



Large loss budget (net) in m. EUR

625	670	690	825	825	825	875	975	1,100	1,400	1,725
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ILS share of gross loss in m. EUR

22	21	7	34	358	378	244	88	439	1,002	62
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1) Major losses in excess of EUR 10 m. gross

# Resiliency reserve decreased as expected to EUR 1,378 m. in 2022

## Material increase in reserve resiliency in 2023, expected to be ~2 bn.<sup>1)</sup>

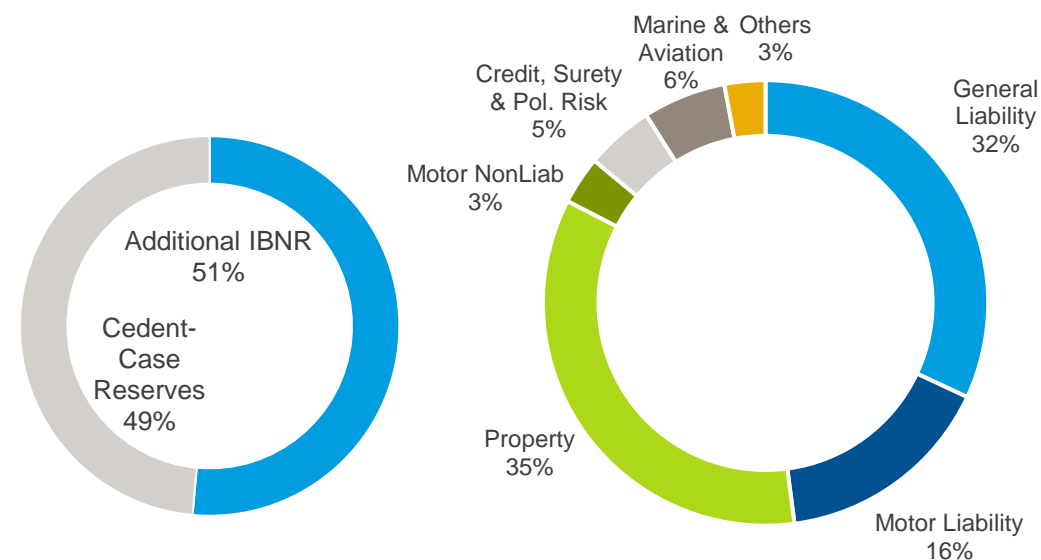
### Development of resiliency reserves reviewed by WTW

in m. EUR

Year end <sup>2)</sup>	Resiliency Reserve <sup>3)</sup>	Change	Impact on loss ratio	P&C premium (net earned)
2011	1,117	162	2.7%	5,961
2012	1,308	190	2.8%	6,854
2013	1,517	209	3.1%	6,866
2014	1,546	29	0.4%	7,011
2015	1,887	341	4.2%	8,100
2016	1,865	-22	-0.3%	7,985
2017	1,813	-52	-0.6%	9,159
2018	1,694	-118	-1.1%	10,804
2019	1,457	-238	-1.9%	12,798
2020	1,536	80	0.6%	14,205
2021	1,703	167	1.0%	16,624
<b>2022</b>	<b>1,378</b>	<b>-325</b>	<b>-1.5%</b>	<b>21,637</b>

### P&C gross loss reserves<sup>4)</sup>

EUR 41 bn.



1) Own estimate for reserve resiliency to be validated by Willis Towers Watson

2) Figures unadjusted for changes in foreign exchange rate, i.e. based on actual exchange rates at respective year end

3) Resiliency reserve of loss and loss adjustment expense reserve net of reinsurance for its non-life insurance business against held IFRS reserves, before tax and minority participations. WTW reviewed these estimates - see appendix

4) As at 31 December 2022, consolidated, IFRS, IBNR – Incurred but not reported

# 1 January 2024 renewals: High quality of P&C business further improved

## Successful expansion of strong portfolio from underwriting year 2023

### Successful renewal

- Growth supported by superior financial strength, favourable market positioning and long-standing customer relationships

### Growing in an attractive market environment

- Successful expansion of diversified portfolio while maintaining our disciplined underwriting
- Attractive growth opportunities in Structured Reinsurance and ILS
- Growth more pronounced in non-proportional

### Further improved quality of P&C portfolio on top of strong UY 2023

- Moderate increase in reinsurance pricing complemented by further tightening in terms and conditions
- Proportional business benefitting from underlying growth and rate increases, commissions mostly stable with improvements still prevailing

### Moderate reduction in retro protection in line with plan

- Sufficient NatCat capacity available in the retrocession market
- Risk-adjusted pricing stable to slightly down

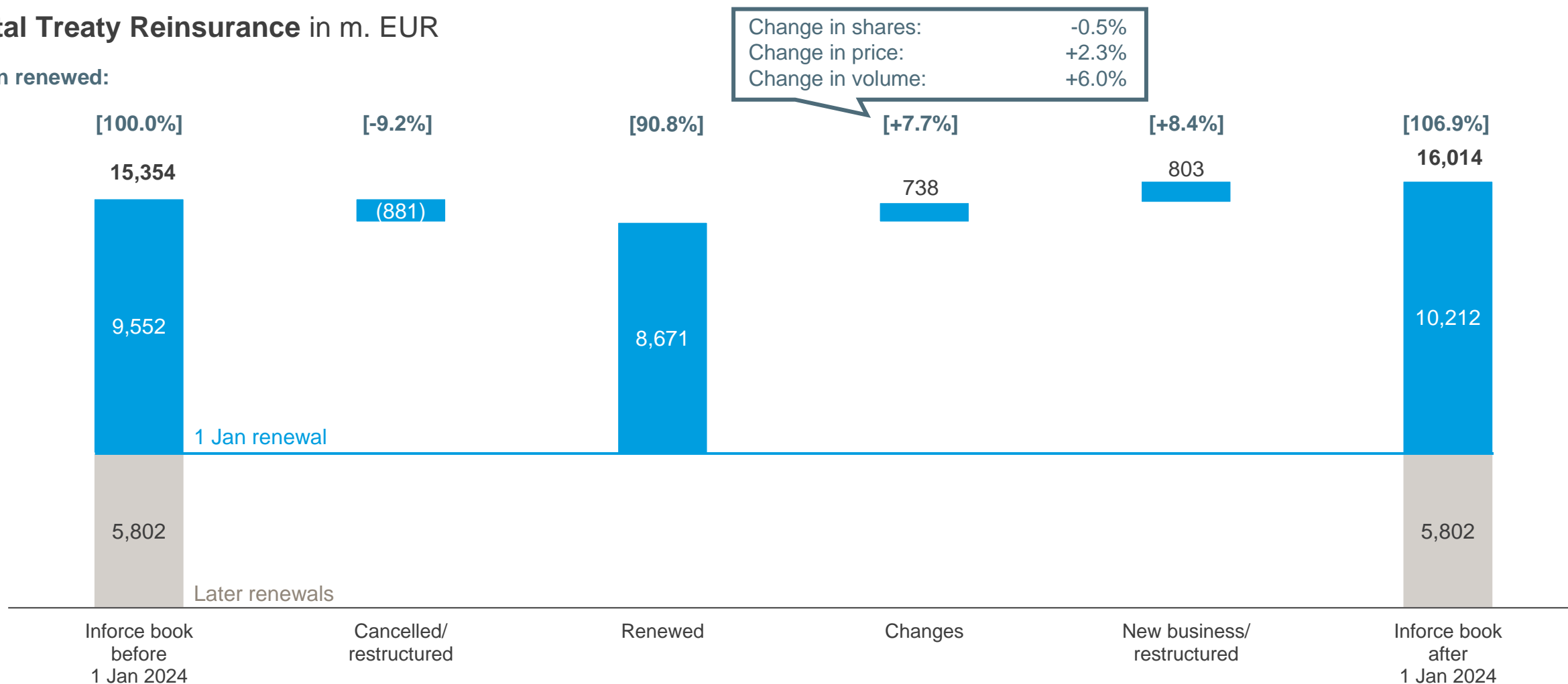


# Premium increased by 6.9% in attractive market environment

## 1 January 2024 renewals

### Total Treaty Reinsurance in m. EUR

% on renewed:





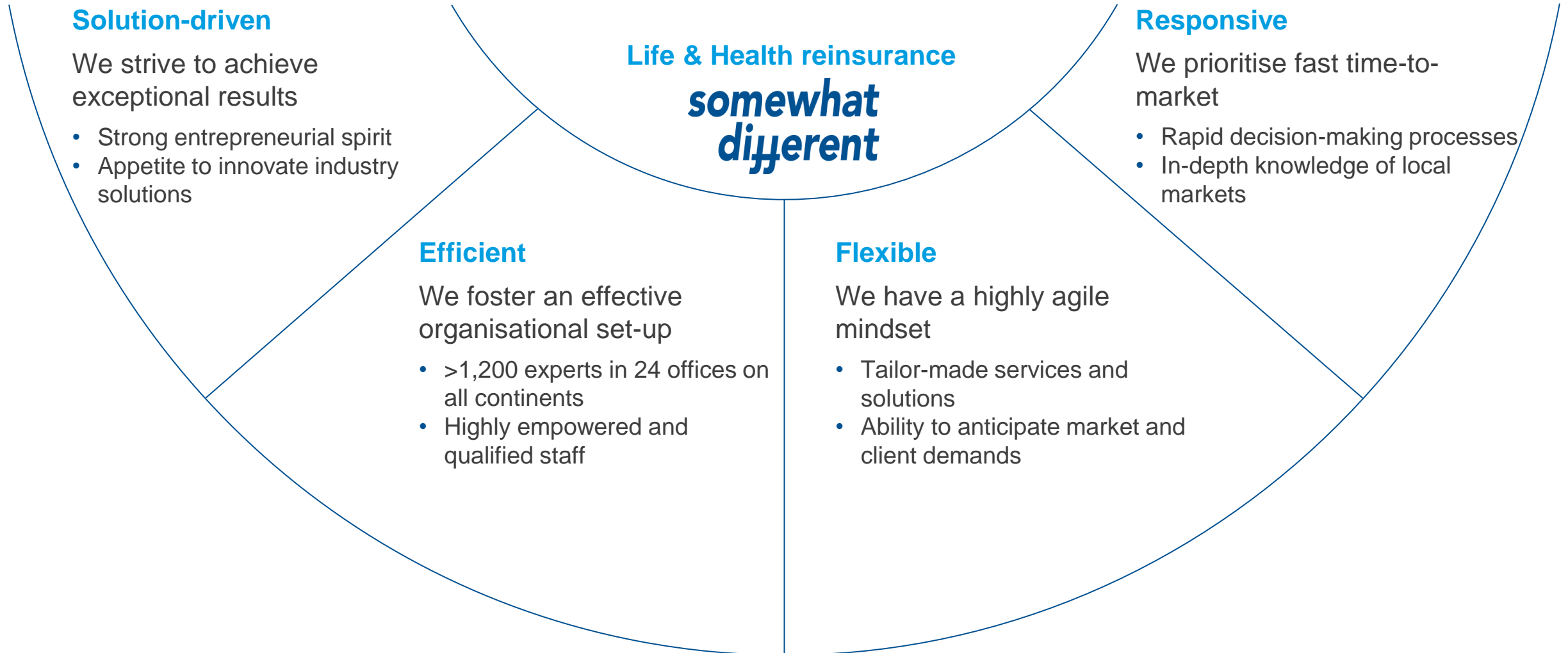
# Agenda

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1	Hannover Re Group	
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9	Appendix	86

# We are somewhat different

## Our approach in L&H reinsurance



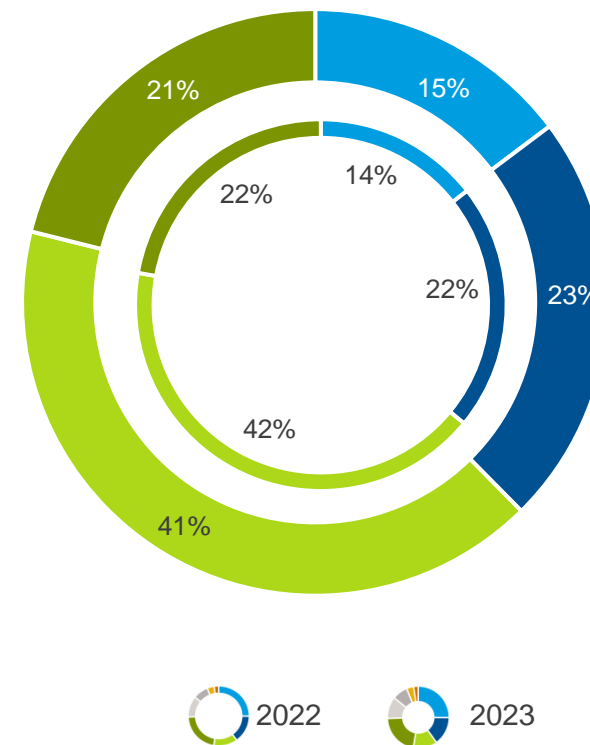
# Well-balanced diversification across Life & Health segments

Reinsurance revenue (gross)

**7,633 m. EUR**  
2022: 7,752 m. EUR

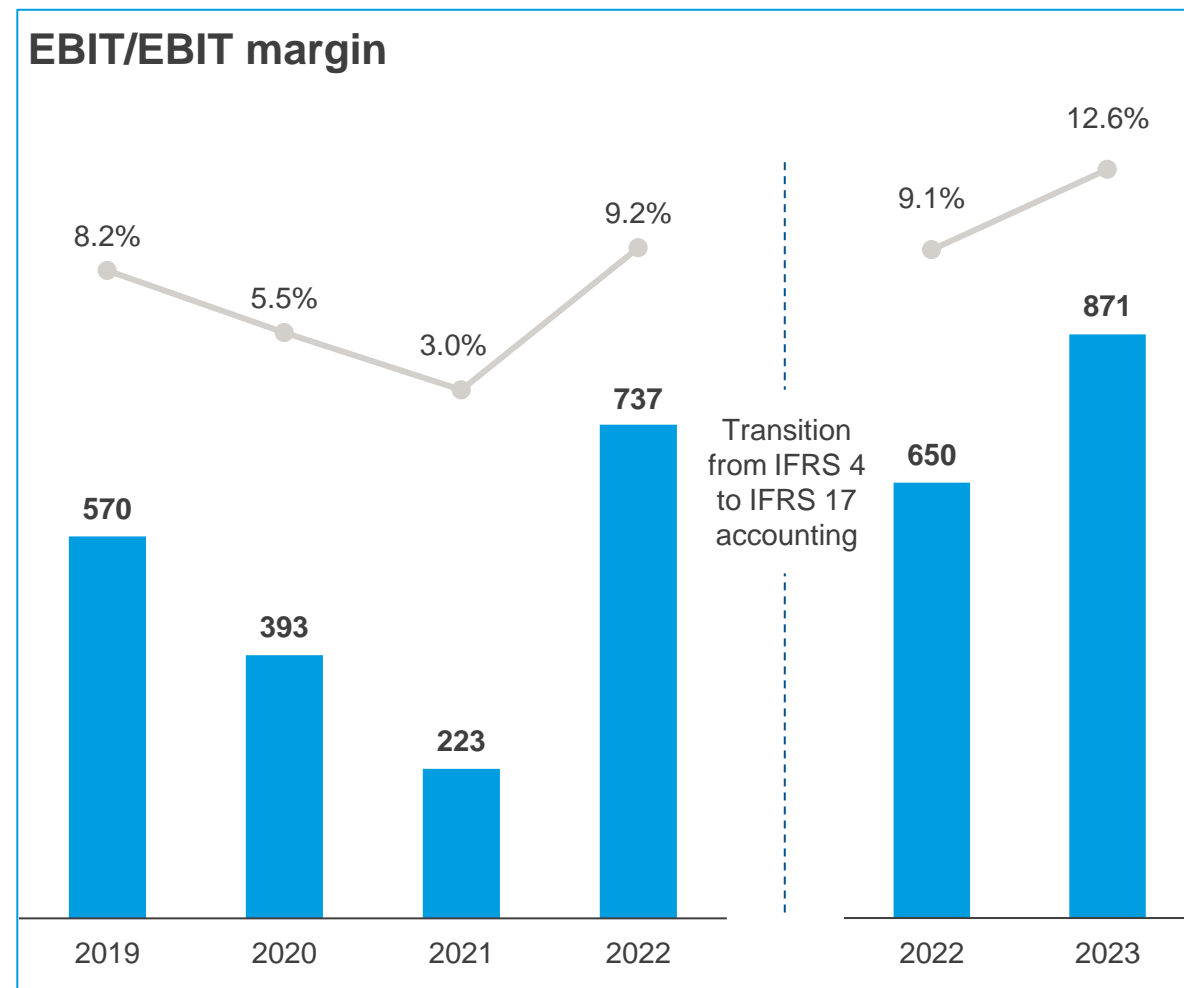
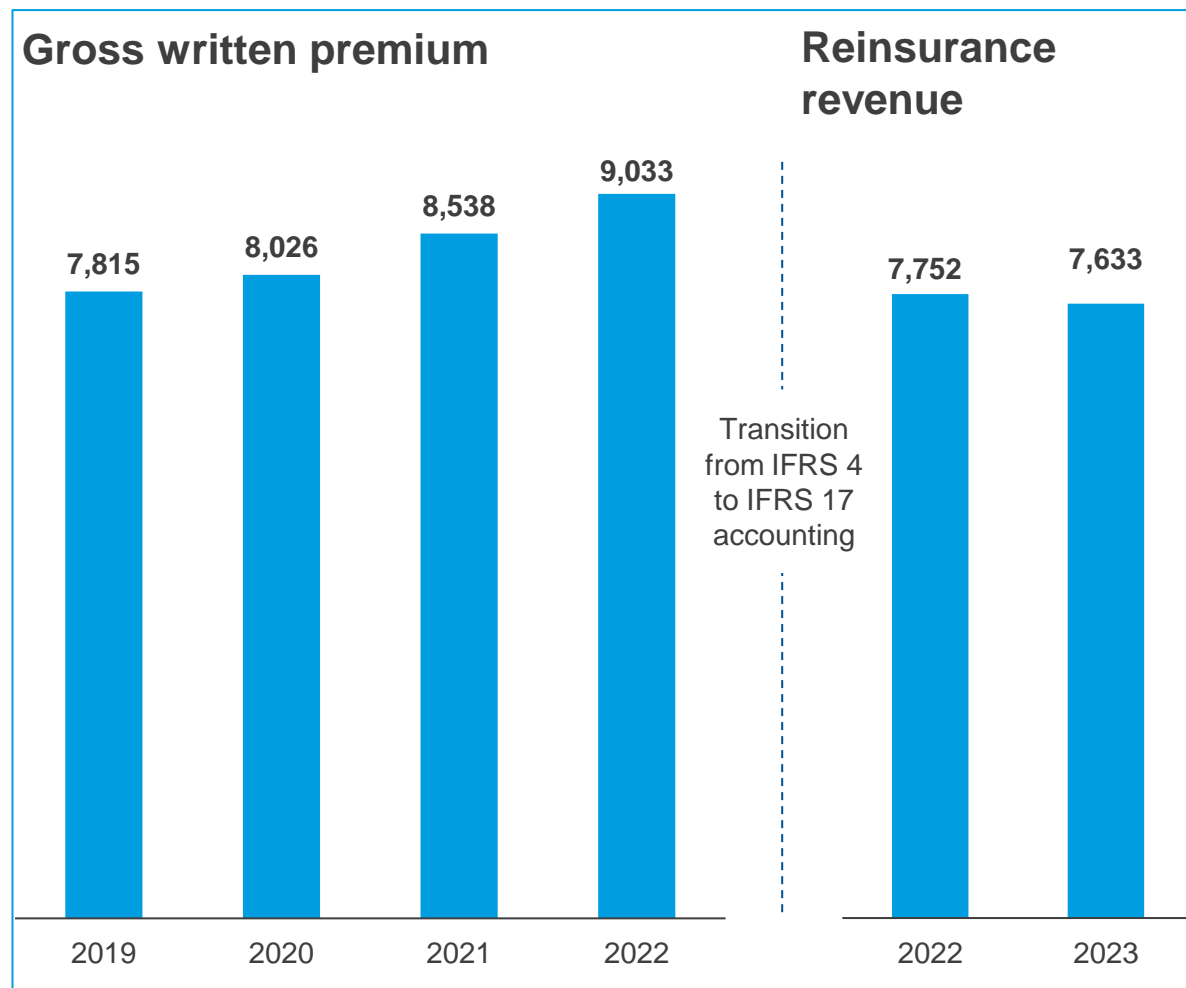
Reinsurance revenue (gross) split by segments

- Financial Solutions
- Longevity
- Mortality
- Morbidity



# Favourable growth in profitability after Covid-19 impacts in 2020 and 2021

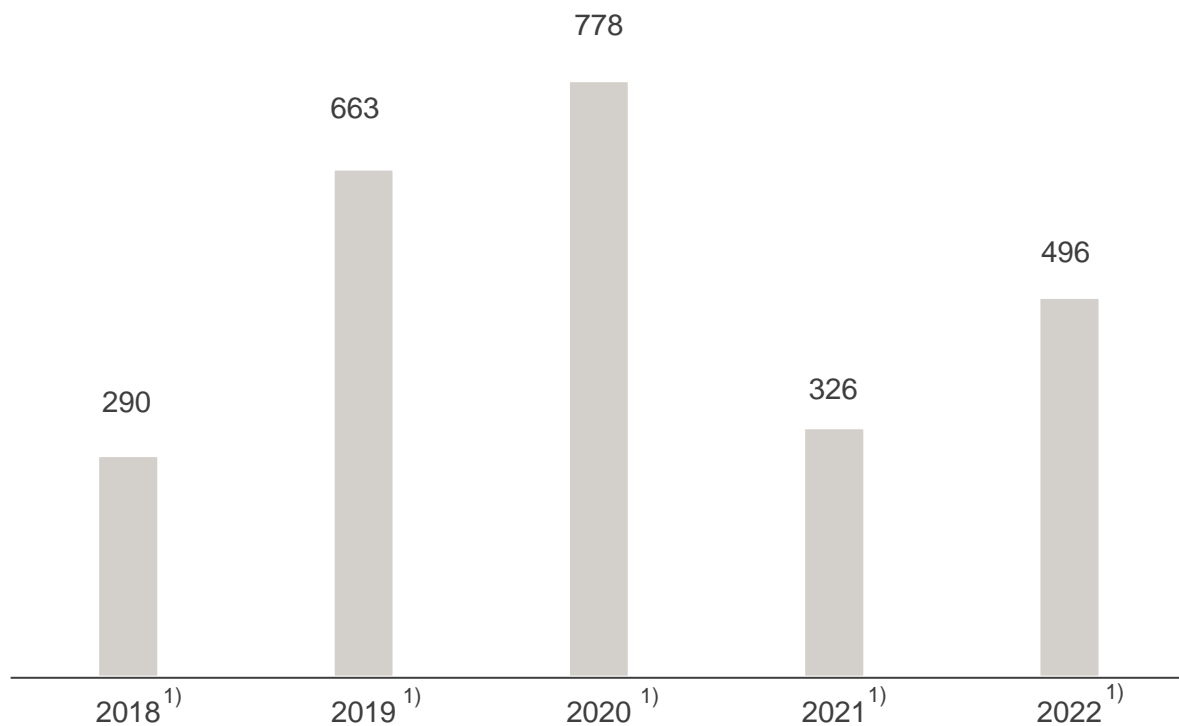
## 2023: strong operating performance in L&H reinsurance, well above target



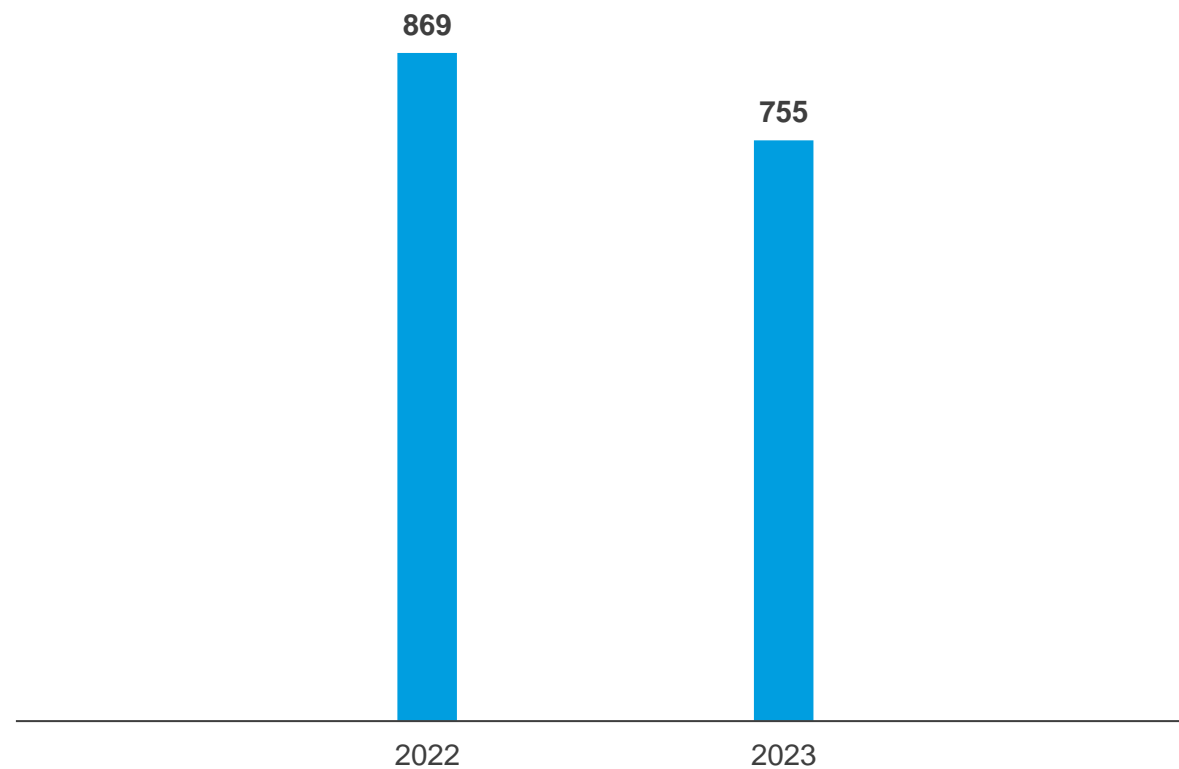
All figures in m. EUR unless otherwise stated

# Successful new business generation will contribute to future earnings

Value of New Business development (Solvency II)

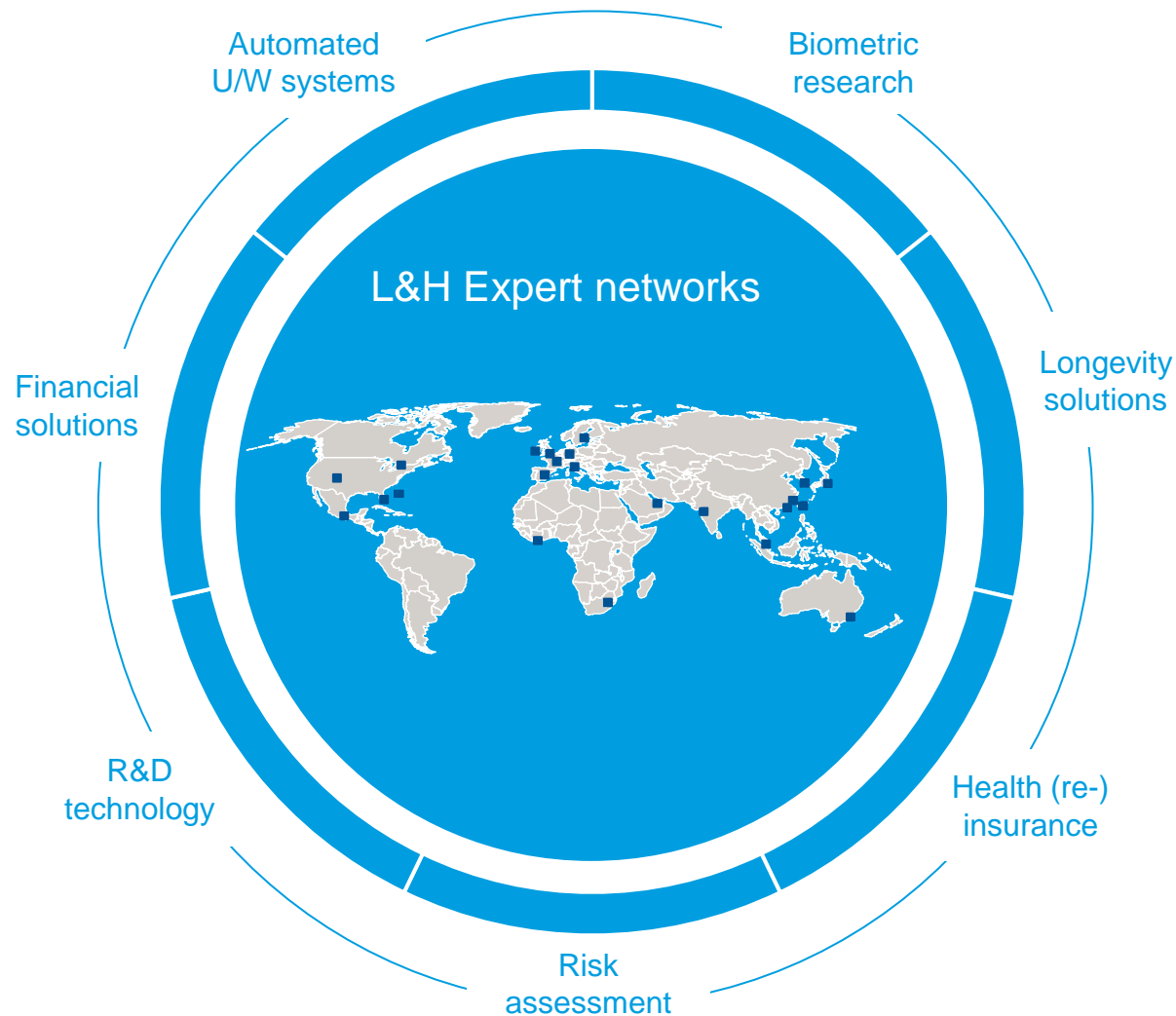


New business CSM and LC (net) + Extensions on existing contracts (IFRS 17)



1) Based on Solvency II principles and pre-tax reporting  
All figures in m. EUR unless otherwise stated

# Our clients are served in the markets by our network of offices and by our solution-orientated expert networks



# Complete offerings

## Risk and financial solutions & services

Risk Solutions Competitive terms and appropriate capacity for technical risks	
Mortality	Longevity
Morbidity	
Health	Disability
Long Term Care	Critical Illness

Profitability depends largely on the underlying biometric risks

Financial Solutions Structured agreements to achieve certain financial objectives
New Business Financing
Reserve & Solvency Relief
Embedded Value Transaction

Profitability is less likely to be affected by the underlying biometric risks

Reinsurance Services Comprehensive range geared towards individual needs	
Products	Processes
Biometrics	Risk Assessment
Underwriting Systems	

Only in combination with risk solutions and/or financial solutions

# Example risk solution: mortality & longevity

## Risks

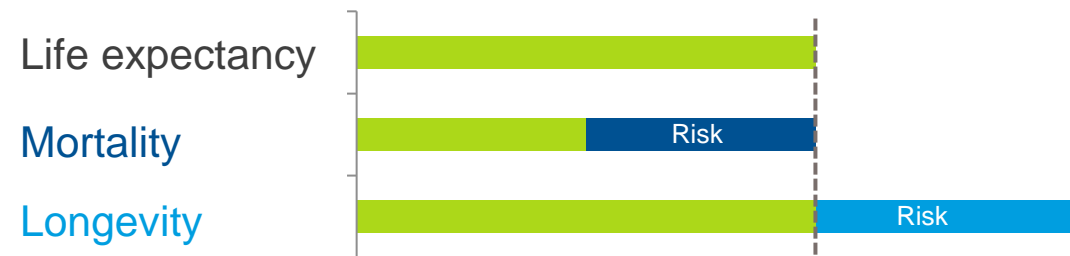
### Mortality

Risk of paying more death benefits than expected

### Longevity

Risk of paying annuities longer than expected

## Trigger



## Longevity: enhanced annuities<sup>1)</sup>

Illustration: 50k single premium; male 65; 3% interest

Status of health →	Healthy	Obesity	Diabetes	Cancer
Annuity increase →	+0% (standard)	+9%	+23%	+85%
Monthly annuity →	244	267	300	452

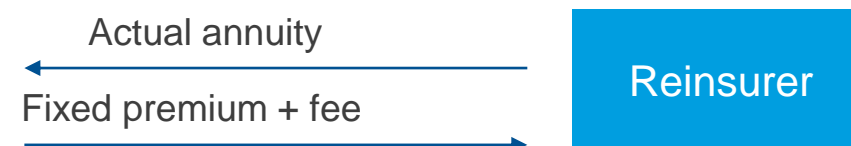
## Longevity: risk transfer



Lifelong annuity

Insurer

no investment participation



1) Allows people in ill health to receive a higher regular income in recognition of the fact that they, on average, have a shorter life expectancy than a healthy person



# Example risk solution: morbidity - critical illness

## Morbidity

Risk of experiencing a higher claims burden from traditional health, critical illness, long-term care, and disability covers

## Product: Critical illness insurance



Helps consumers to protect their life quality in case of a life-threatening disease



## Payment



Income protection/medical insurance  
Payment of claim incurred

Critical Illness  
Payment of lump sum insured

## Hannover Re's contribution



- + Coverage of > than 160 diseases
- + Design, pricing & claims assessment
- + Advice & training in underwriting risks
- + Track record as innovator in the market

## Example: services offered with risk and/or financial solutions



### Products

Innovative, e.g. products with little or no underwriting



### Processes

Lean, e.g. distribution directly to individuals, without advisers



### Biometrics

Cover of death, disease or disability risks at an appropriate cost



### Risk assessment

Support for proper medical & claims assessment

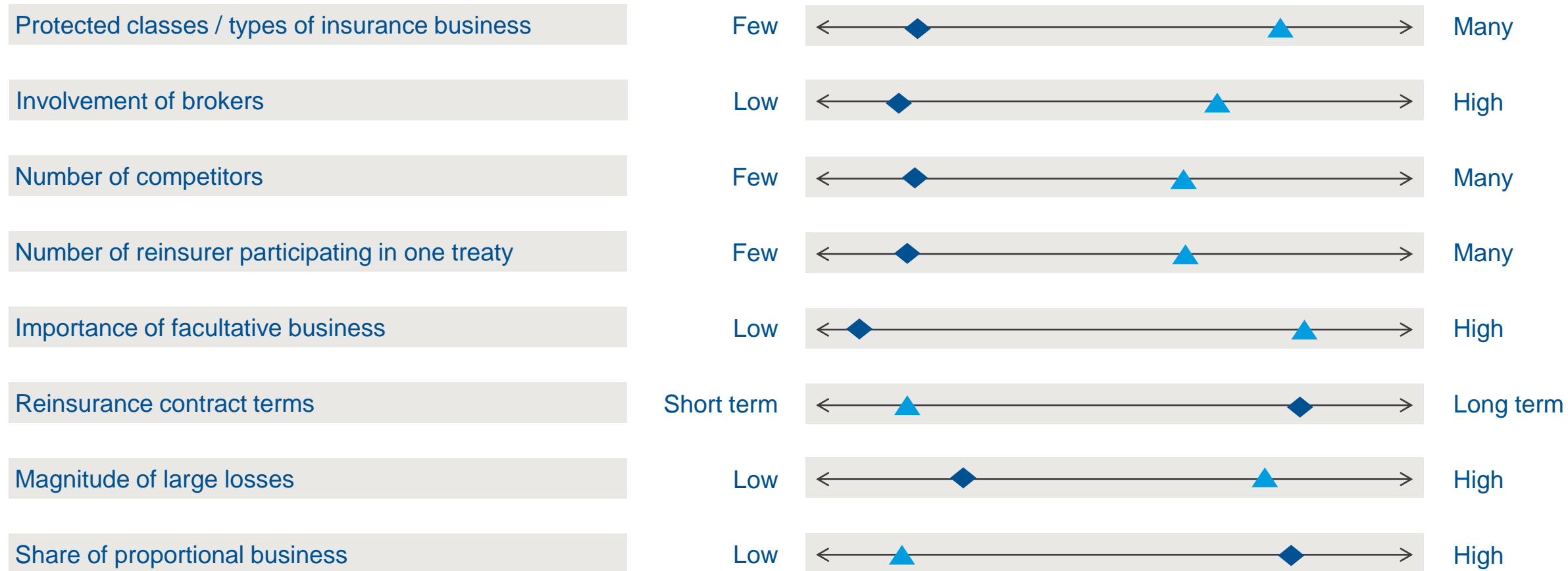


### U/W systems

hr | Quirc, hr | ReFlex or hr | Ascent

# Primary differences between L&H and P&C business

## Simplified illustration



Property & Casualty business ▲ Life & Health business ◆

## Takeaways for the Life & Health Business Group

---

**1** **Business**  
All lines of life, health & annuities

**2** **Focus**  
Biometric risks not asset risk

**3** **Relationship**  
Long term due to very long run-off

**4** **Service**  
An important component

**5** **Premium**  
Not the only meaningful benchmark → EBIT

**6** **Financial solutions business**  
Key driver of earnings

# Agenda

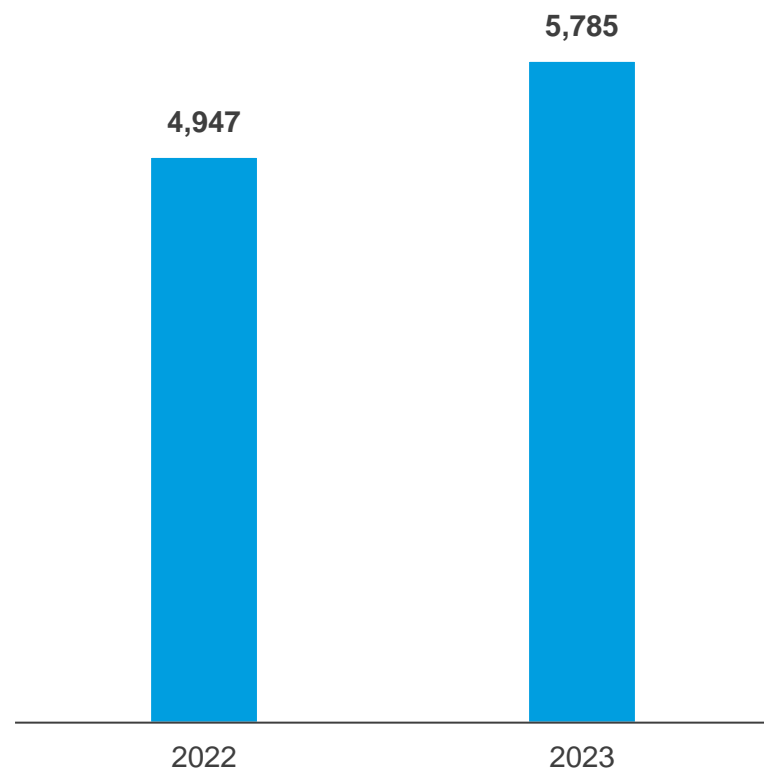
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8	Outlook	84
9	Appendix	86

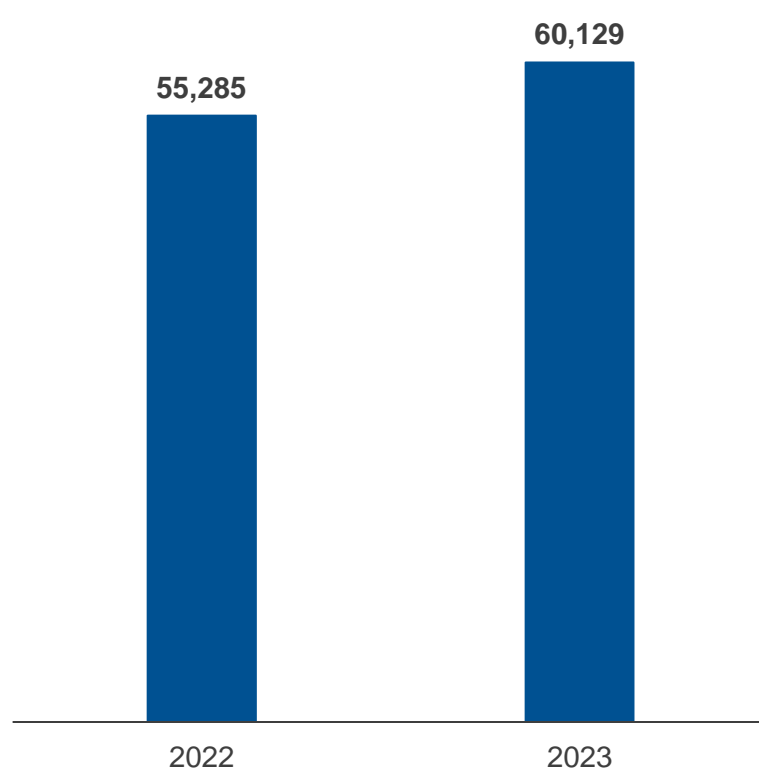
# AuM +8.8%, mainly driven by strong operating cash flow

Increase in ordinary investment income predominantly due to higher locked-in yields

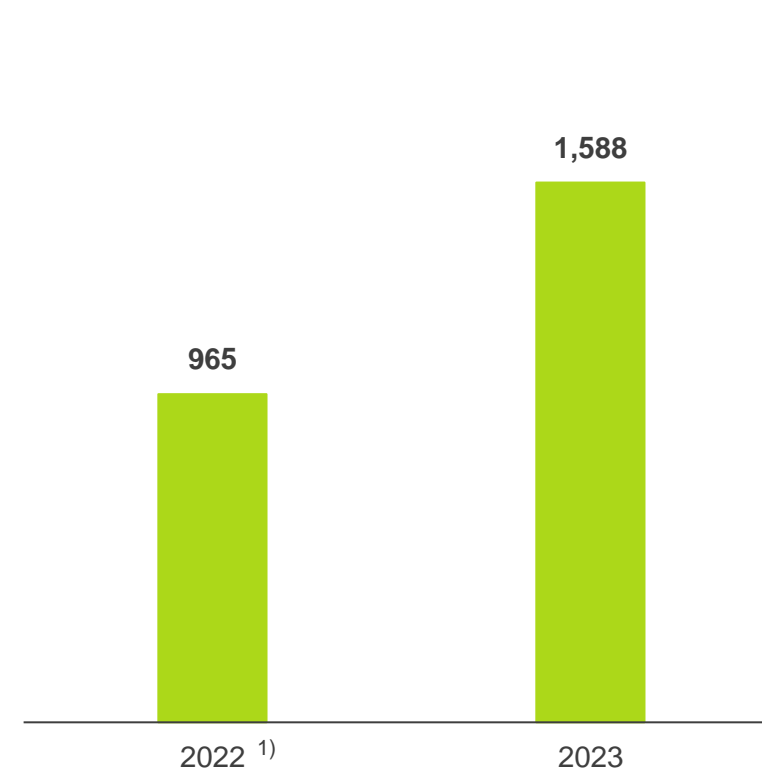
Operating cash flow



Assets under own management (AuM)



Investment income



All figures in m. EUR unless otherwise stated

1) 2022 impacted by high realised gains not recognised in P&L (IAS 39) but in equity (IFRS 9)

# 2023: strategic asset allocation still filled with decent portion of liquidity

## Some risk taking in credit spectrum but at lower pace than previous years

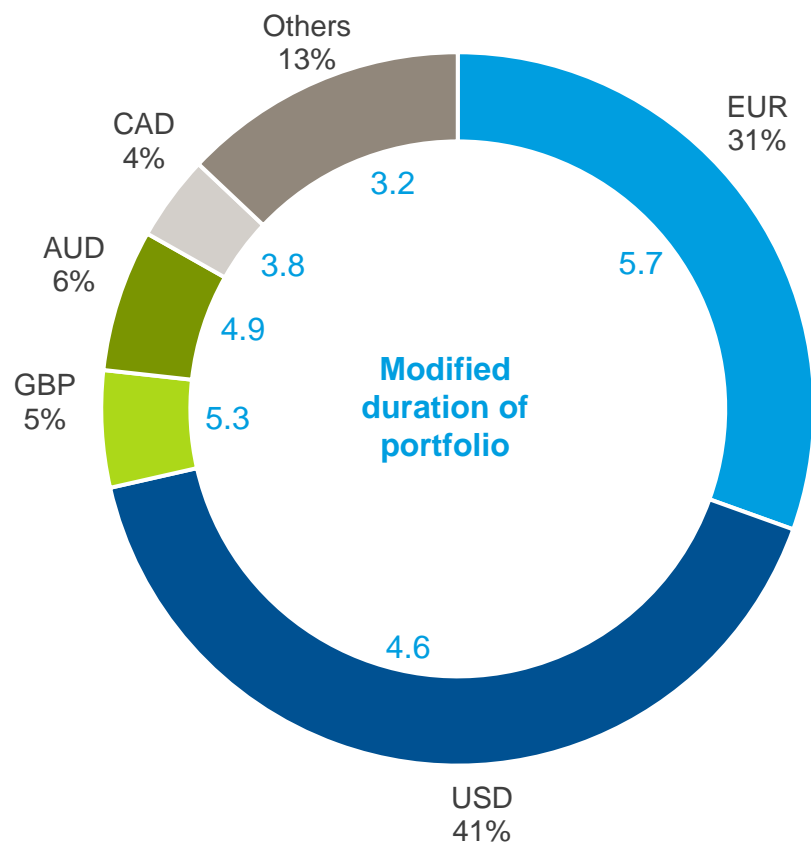
Asset class	2018	2019	2020	2021	2022	2023
<b>Fixed Income</b>	<b>87%</b>	<b>87%</b>	<b>85%</b>	<b>86%</b>	<b>83%</b>	<b>85%</b>
Governments	44%	42%	42%	40%	42%	41%
Semi-governments	7%	8%	7%	8%	8%	9%
Corporates	29%	31%	30%	32%	27%	29%
Investment grade	25%	26%	25%	28%	23%	25%
Non-Investment grade	4%	4%	4%	4%	4%	4%
Covered Bonds	5%	4%	4%	4%	4%	4%
ABS/MBS/CDO	2%	2%	2%	2%	3%	3%
<b>Equities</b>	<b>2%</b>	<b>3%</b>	<b>3%</b>	<b>4%</b>	<b>3%</b>	<b>3%</b>
Listed	<0.1%	<0.1%	1%	1%	0%	0%
Private Equities	2%	2%	3%	3%	3%	3%
<b>Real Assets (without Infra-Debt)</b>	<b>6%</b>	<b>5%</b>	<b>5%</b>	<b>5%</b>	<b>7%</b>	<b>7%</b>
<b>Others</b>	<b>1%</b>	<b>2%</b>	<b>3%</b>	<b>2%</b>	<b>3%</b>	<b>3%</b>
<b>Cash/STI</b>	<b>4%</b>	<b>3%</b>	<b>3%</b>	<b>3%</b>	<b>3%</b>	<b>2%</b>
<b>Market value AuM in EUR bn.<sup>1)</sup></b>	<b>42.7</b>	<b>48.2</b>	<b>49.8</b>	<b>56.2</b>	<b>57.4</b>	<b>60.6</b>

1) 2018 – 2022 IAS 39 incl. Cash / >2023 IFRS9 excl. Cash

# Currency allocation matches Solvency II liability profile as much as possible

## Duration-neutral strategy intact; lower modified duration as result of yield increases

### Currency split of investments



- Modified duration of fixed-income mainly congruent with liability- and capital-driven targets
- GBP's higher modified duration predominantly due to life business

### Modified duration

2023	4.5
2022	4.9
2021	5.8
2020	5.8
2019	5.7



# High-quality fixed-income book well balanced

Geographical allocation mainly in accordance with our broad business diversification

	Governments	Semi-governments	Corporates	Pfandbriefe, Covered bonds, ABS	Short-term investments, cash	Total
AAA	22%	57%	0%	54%	-	23%
AA	62%	22%	10%	13%	-	34%
A	11%	8%	35%	13%	-	19%
BBB	4%	2%	44%	15%	-	18%
<BBB	2%	12%	10%	4%	-	6%
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>-</b>	<b>100%</b>
Germany	15%	26%	7%	17%	42%	15%
UK	6%	3%	7%	5%	8%	6%
France	3%	1%	6%	10%	0%	4%
GIIPS	0%	1%	5%	3%	0%	2%
Rest of Europe	3%	14%	13%	25%	12%	10%
USA	51%	16%	33%	18%	0%	36%
Australia	5%	9%	7%	8%	4%	7%
Asia	12%	14%	9%	1%	26%	11%
Rest of World	5%	17%	13%	13%	8%	10%
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>Total b/s values in m. EUR</b>	<b>21,364</b>	<b>8,921</b>	<b>16,753</b>	<b>3,953</b>	<b>1,225</b>	<b>52,215</b>

IFRS figures as at 31 December 2023

# Agenda

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# Our capital structure consists not only of equity

## Use of hybrids, securitisations etc. lowers cost of capital and levers RoE

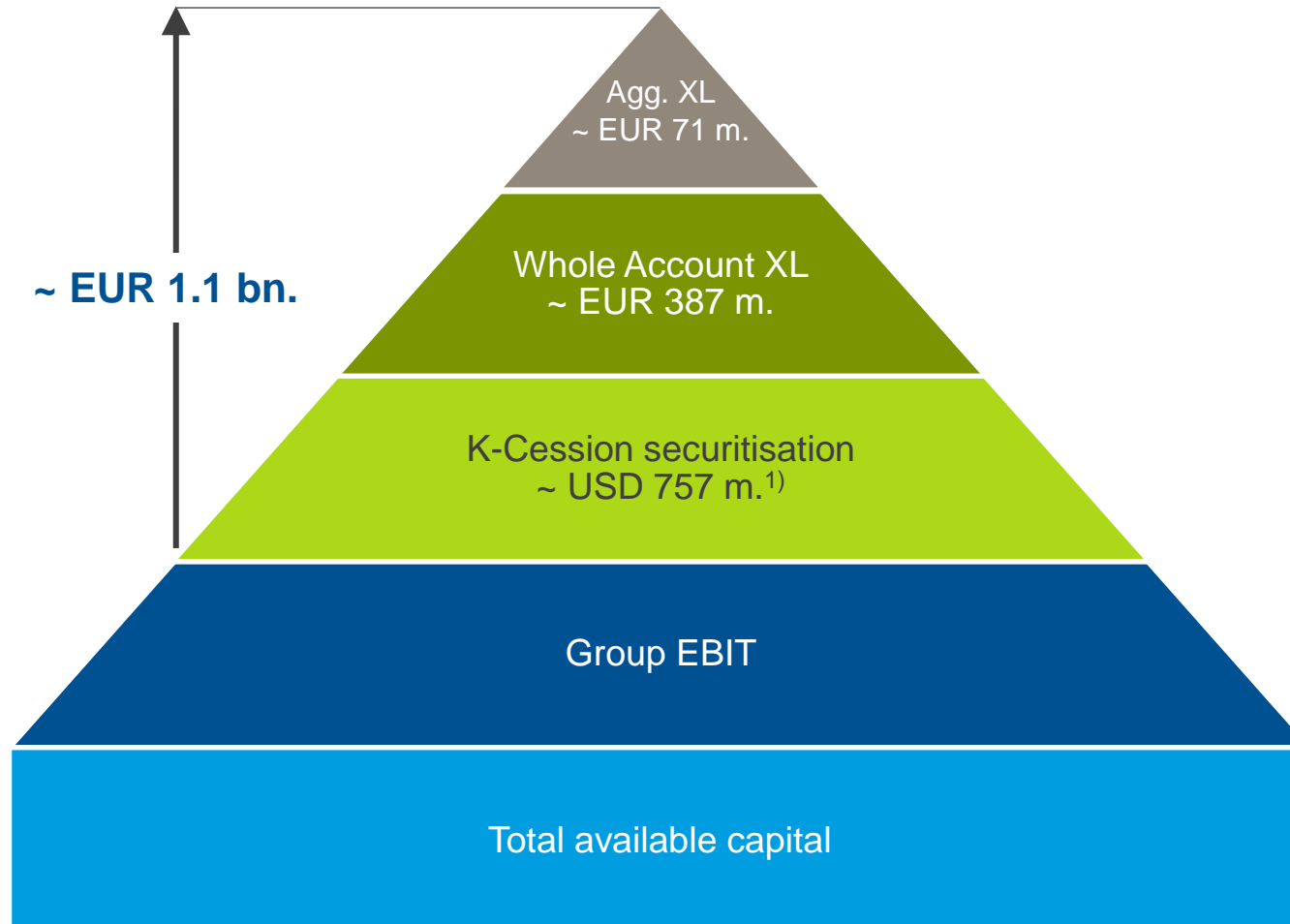
- Equity capital is by far the most expensive form of capital. Therefore, we make optimal use of equity substitutes:
  - Conventional reinsurance/retrocession on an opportunistic basis (i. e. use of other reinsurers' capital)
  - Alternative capital market transactions
  - Hybrid capital

Type	Nominal amount	Issue date	Issue ratings S&P / A.M. Best	First call date	Maturity	Coupon rate
Dated subordinated bond ISIN: XS2549815913	EUR 750 m.	2022-11-14	A / -	2033-02-26	2043-08-26	Until 2033-08-26: 5.875% p. a. and thereafter 3.75% p. a. above 3 months EURIBOR
Dated subordinated bond ISIN: XS2320745156	EUR 750 m.	2021-03-22	A / -	2031-12-30	2042-06-30	Until 2032-06-30: 1.375% p. a. and thereafter 2.33% p. a. above 3 months EURIBOR
Dated subordinated bond ISIN: XS2198574209	EUR 500 m.	2020-07-08	A / -	2030-07-08	2040-10-08	Until 2030-10-08: 1.75% p. a. and thereafter 3.00% p. a. above 3 months EURIBOR
Dated subordinated bond ISIN: XS2063350925	EUR 750 m.	2019-10-09	A / -	2029-07-09	2039-10-09	Until 2029-10-09: 1.125% p. a. and thereafter 2.38% p. a. above 3 months EURIBOR
Undated subordinated bond ISIN: XS1109836038	EUR 500 m.	2014-09-15	A / a+	2025-06-26	Perpetual	Until first call date: 3.375% p. a. and thereafter 3.25% p. a. above 3 months EURIBOR

**Competitive advantage through low cost of capital (WACC)**

# Total placed NatCat capacity of EUR 1.1 bn. in 2024

## Continuous strong support of Hannover Re's NatCat placements



1) Plus expected premium  
As at January 2024

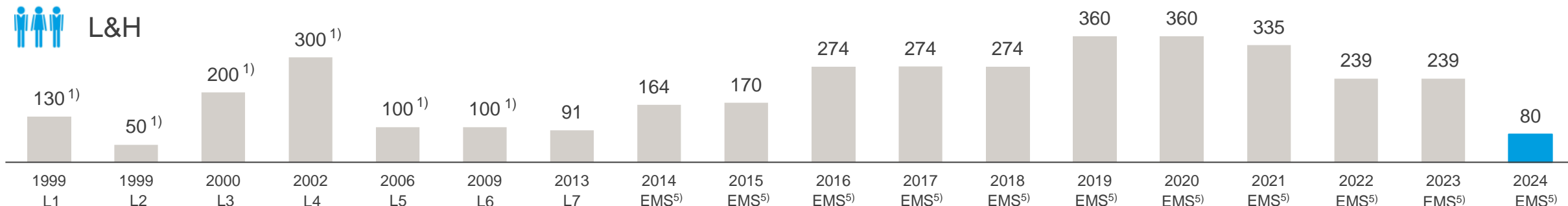
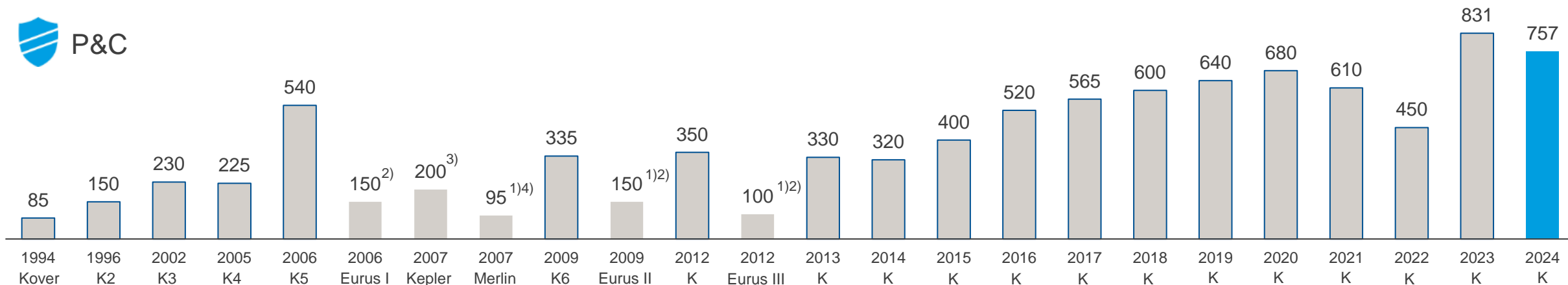
# We pioneered in transferring risks into capital markets via securitisations

## Equity Substitutes

### Transactions

(in m. USD if not otherwise stated)

■ Expired transactions ■ On-going transactions ■ Portfolio-linked securitisation (P&C), K-Cessions



1) In m. EUR  
 2) Index-linked securitisation  
 3) Aggregate XL cover (P&C)  
 4) Credit-linked floating rate note  
 5) EMS = Extreme Mortality Swap

- In **1994** Hannover Re pioneered the first securitisation of natural catastrophe risks (**Kover**) followed by further transactions (K2-K6 & K-Cessions)
- In **1998** we started with the first-ever transfer of acquisition costs from L&H business to the capital market ( “L” deals, L1-L7)

# Financial strength ratings

## Group

Berkshire Hathaway

## Hannover Re

Munich Re

XL Bermuda

Swiss Re

Everest Re

Partner Re

SCOR

Lloyd's

## S&P

AA+

AA-

AA-<sup>1)</sup>

AA-

AA-

A+

A+

A+

AA-

## A.M. Best

A++

A+

A+

A+

A+

A+

A+

A

A<sup>1)</sup>

As at 3 April 2024  
1) Positive outlook

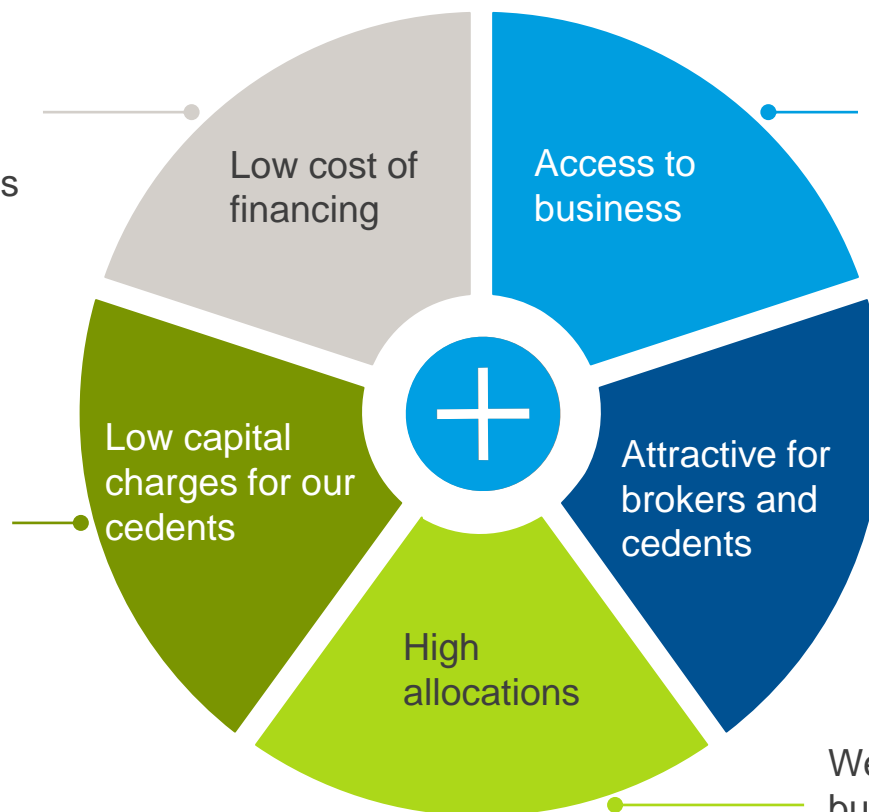
# Benefits of an above-average rating

Our cost of financing in the capital markets is lower

- Hybrid bonds trade at tighter spreads
- Better conditions for LoCs and credit lines

We create lower capital charges for our cedents

- As an above-average rated R/I we reduce our cedent's cost of capital



We have a better showing of business than the average player

- Access to all lines of business
- We enjoy a highly diversified, high quality book of business

We are on virtually all broker lists, with cedents often demanding specific R/Is

We get very high allocations when we quote for business

- >90% vs. some 50% for a Bermuda start-up

# The risk is manageable

## Stress tests for natural catastrophes after retrocessions

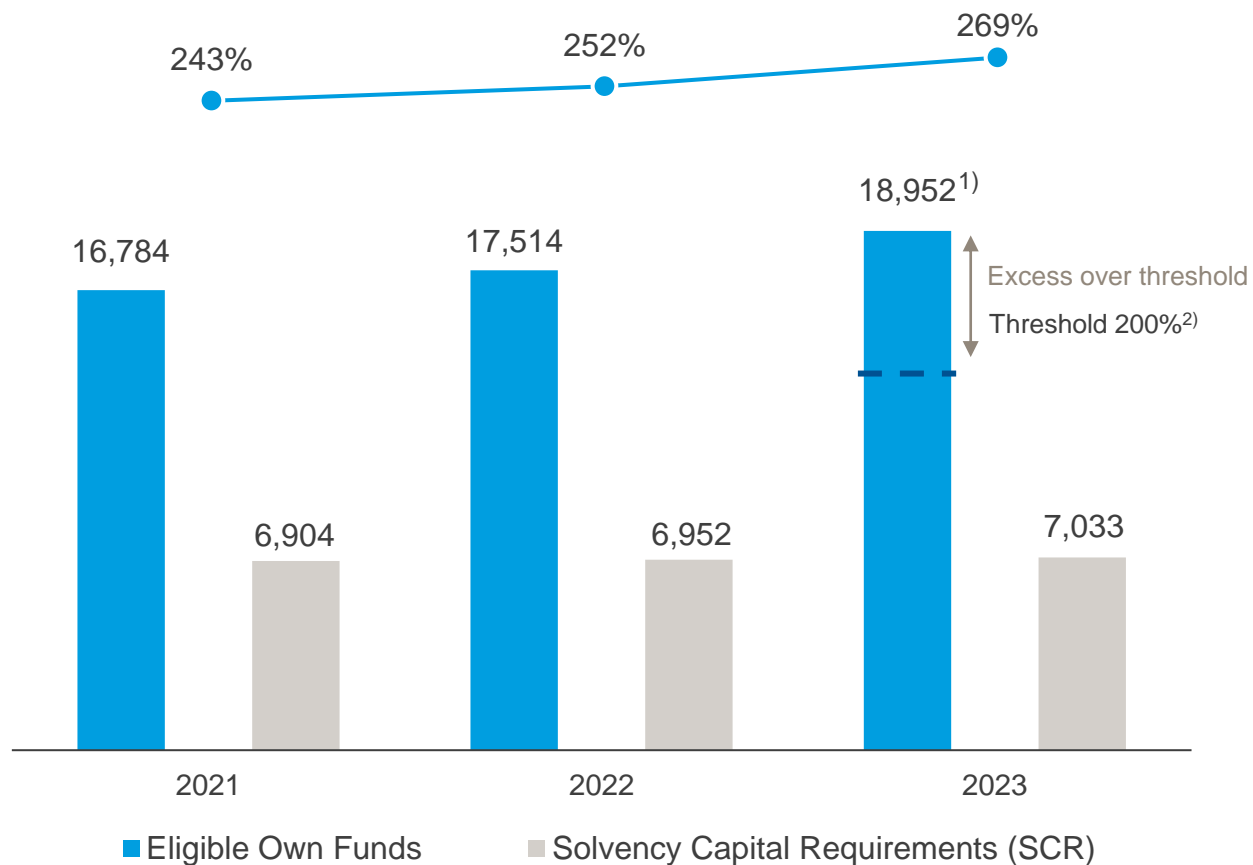
Effect on forecast net income in m. EUR		2022	2023
Hurricane US/Carribbean	100-year loss	(1,378)	(1,426)
	250-year loss	(1,859)	(1,946)
Earthquake US West Coast	100-year loss	(758)	(782)
	250-year loss	(1,385)	(1,425)
Winter storm Europe	100-year loss	(614)	(823)
	250-year loss	(874)	(1,185)
Earthquake Japan	100-year loss	(645)	(609)
	250-year loss	(966)	(978)
Earthquake Chile	100-year loss	(513)	(505)
	250-year loss	(1,180)	(1,345)



# Capital adequacy ratio remains very strong

## Own funds increase supported by favourable new business development

### Development of the Solvency II ratio



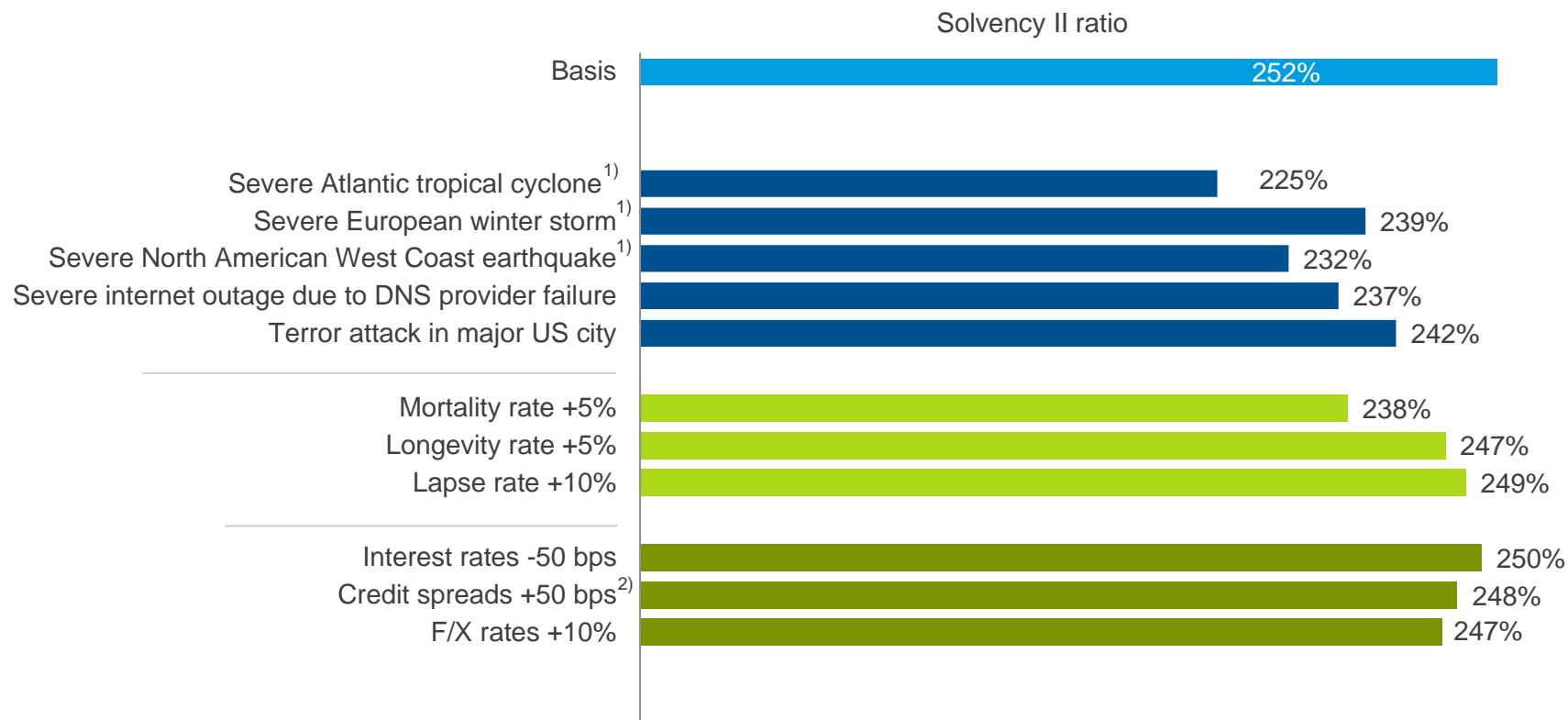
- Increase in eligible own funds due to favourable new business development and lower interest rates; redemption of hybrid bond in Q2/2023
- Increase in SCR mainly driven by business growth and lower interest rates, mitigated by f/x effects and improved diversification
- Increase in excess capital supports further business growth

1) Excluding minority shareholdings of EUR 635 m.  
 2) Minimum Target Ratio Limit 180%  
 All figures in m. EUR unless otherwise stated

# Individual events with limited impact on Solvency ratio

## Solvency ratio robust under stressed conditions

### Sensitivities and stress tests



As at 31 December 2022

1) 250 year return period acc. to our internal model which is equivalent to an occurrence probability of 0.4%.

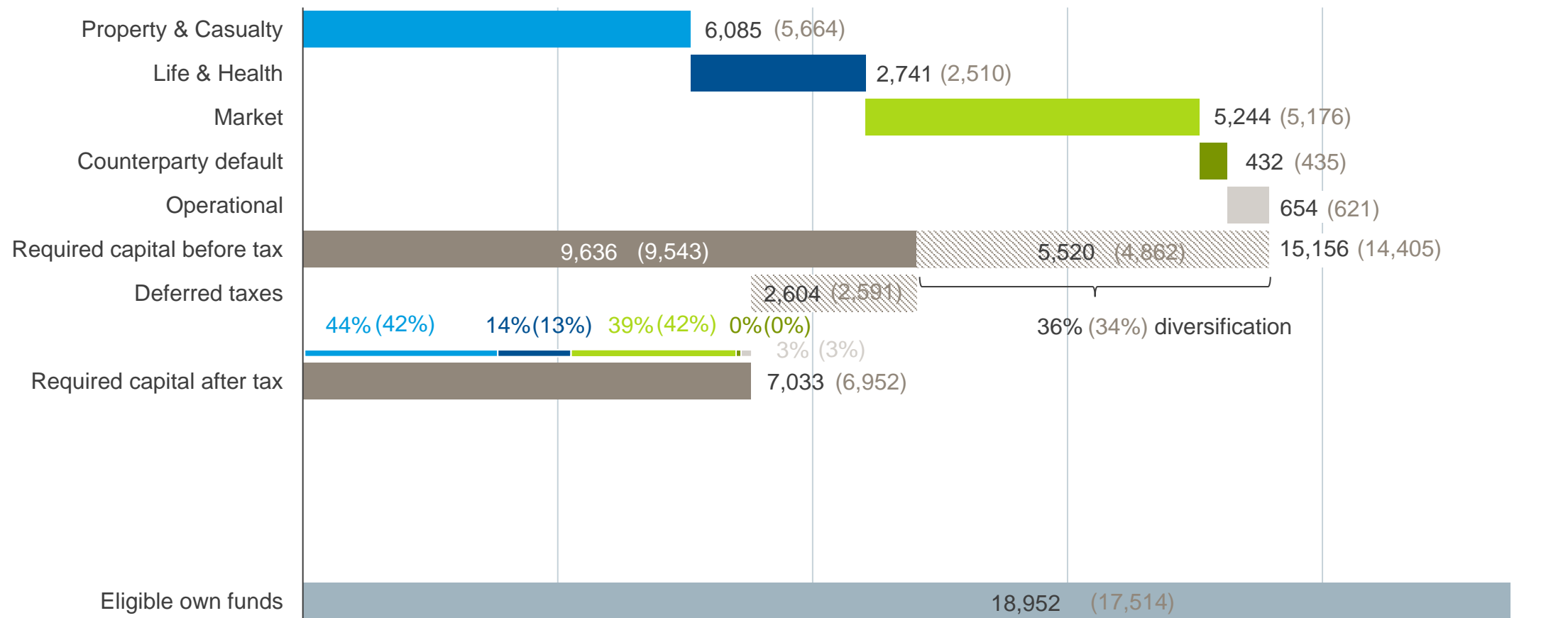
2) Average stress level of +50 bps, differing by corporate bond issuer rating. Excl. government bonds and incl. impact of changes in dynamic volatility adjustment.

# Efficient capital deployment supported by significant diversification

## Increase in own funds and capital requirements in line with business growth

### Solvency Capital Requirements

in m. EUR

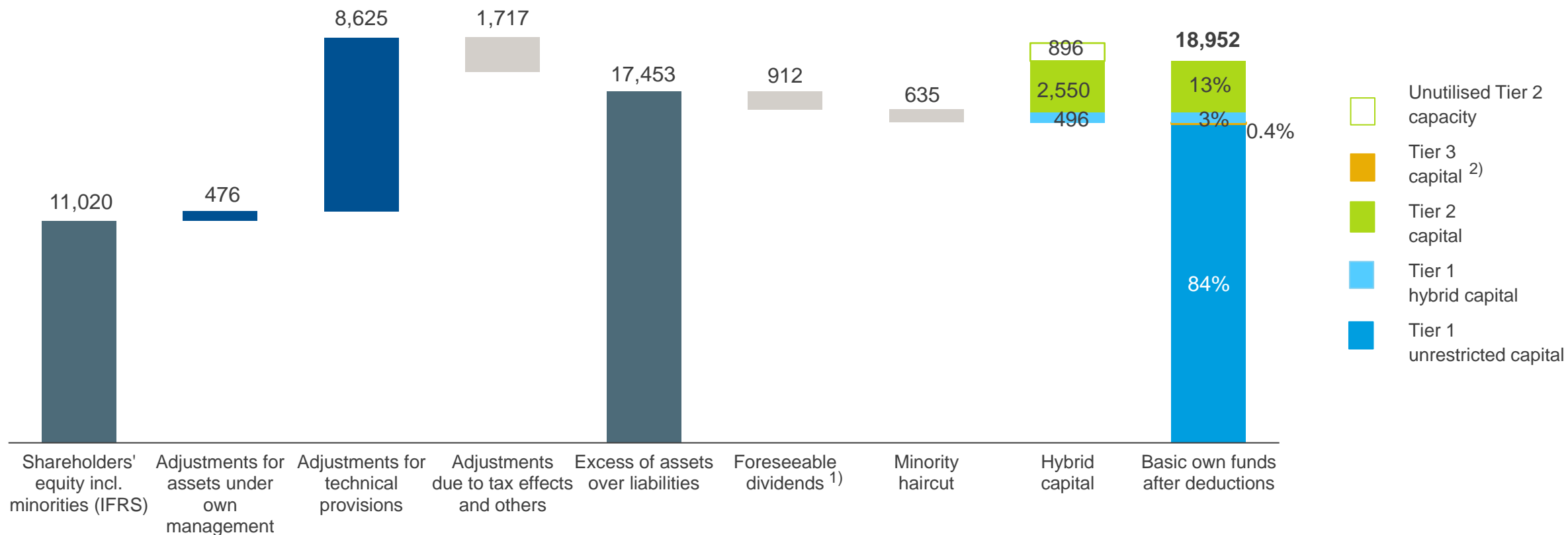


As at 31 December 2023 (2022)  
 Solvency capital requirements based on the internal model  
 Capital allocation based on Tail Value-at-Risk taking account of the dependencies between risk categories

# High-quality capital base with 87% Tier 1 Unutilised Tier 2 provides additional flexibility

## Reconciliation of IFRS Shareholders' equity vs. Solvency II own funds

in m. EUR



As at 31 December 2023

1) Foreseeable dividends and distributions incl. non-controlling interests

2) Net deferred tax assets

# Agenda

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# Transition to IFRS 17 moderately increases earnings level

## Impact of IFRS 17/9 accounting change



### Property & Casualty reinsurance

- Prudent Reserving approach and Retro Strategy continue to mitigate overall volatility
- OCI option limits volatility of technical result and equity



- Minor impact from accounting change



### Life & Health reinsurance

- CSM release with stabilising effect on overall result
- OCI option limits volatility of technical result and equity

- Minor impact for large parts of L&H business
- Uplift from unlocking effect for mortality business with long durations



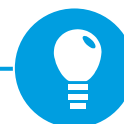
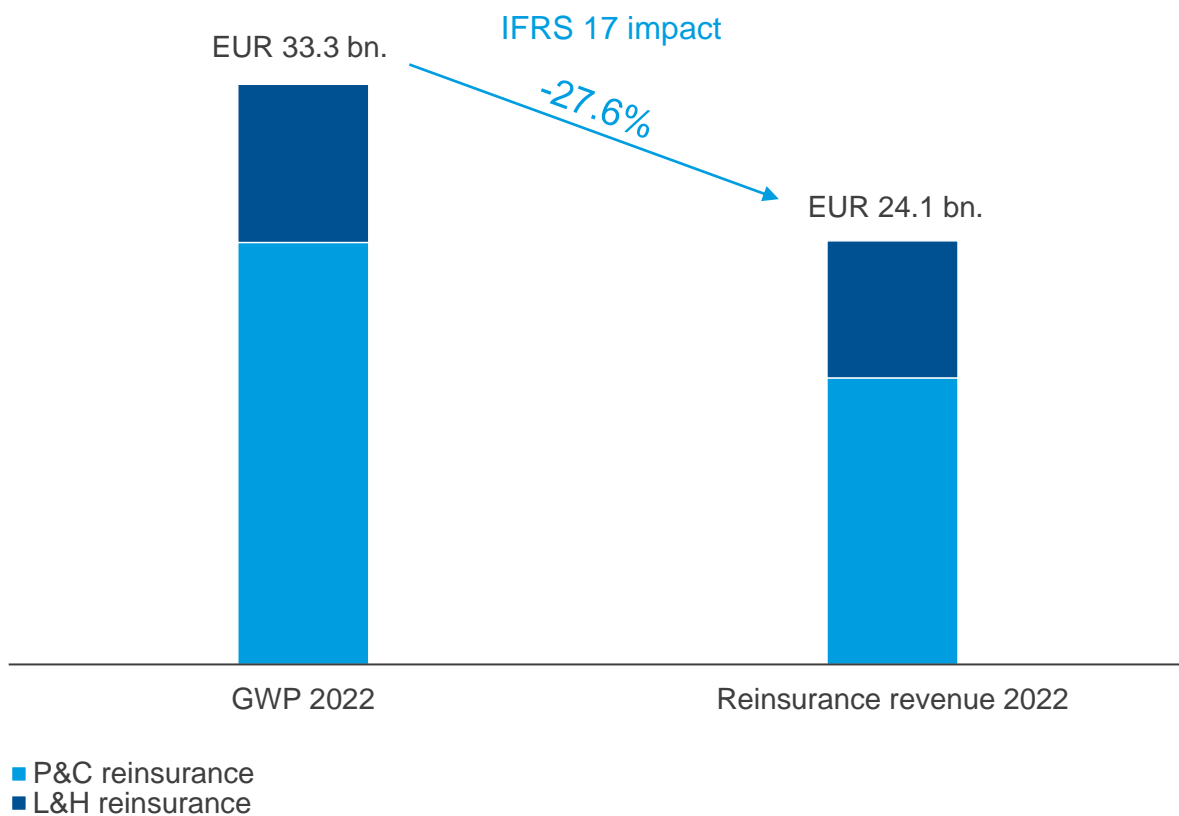
### Investments

- Volatility likely to increase due to higher share of assets FVPL, but due to "hold & sell" >90% FVOCI
- Minor impact from introduction of Expected Credit Loss
- Insurance related derivatives reflected in technical result




- Minor impact from accounting change

# Reinsurance revenue will be lower than gross written premium

## Reinsurance revenue



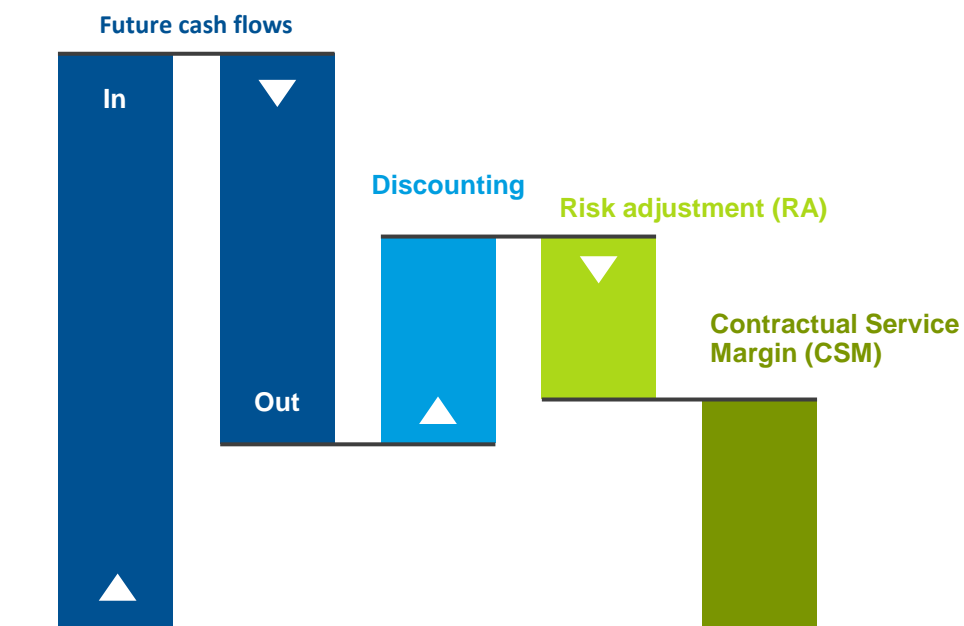
### Accounting impact IFRS 17

- Exclusion of commissions and non-distinct investment components (NDIC) 
- Exclusion of unearned premiums (mainly impacting P&C) 
- Inclusion of result from deposit-accounted Financial Solutions business 

# IFRS 17 - Full adoption of GMM allows to steer business on a consistent basis

## Ensuring transparency and bridging the GA(A)P to economic view

### Full adoption of General Measurement Model (GMM) for entire business (P&C and L&H)



### Valuation methods and rationale

- Cash flows and economics of reinsurance business will remain unchanged
- IFRS 17, in particular **GMM** as default model, is complex with significantly increased data and other requirements
- However, we have taken a broader, long-term view and aim to use the change in accounting as **transformational** in order to
  - increase transparency on **earning patterns** and **value creation**, incl. comparability between lines of business
  - improve alignment with both Solvency II and internal performance measures (IVC: Intrinsic Value Creation)
  - review our data and IT infrastructure, streamline processes and increase automation
  - solve systematic IFRS4 accounting mismatches and reward asset-liability management efforts
  - improve steering and managing of our portfolios
- Adoption of **OCI option** for large parts of our portfolio to match investment valuation will reduce volatility from interest rate movements
- **Prudent reserving approach** will be maintained and – together with CSM and RA at transition – help to manage potential increased volatility



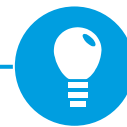
# Investments: IFRS 9 has limited impact on underlying earnings level

## P&L volatility likely to increase due to higher share of assets FVPL



### Underlying development

- Ordinary investment income
  - Increasing contribution from fixed income securities (excl. inflation-linked bonds),
  - Decreasing contribution from inflation-linked bonds based on currently embedded inflation expectation
  - Planned contribution from alternative investments in line with 2022
- No realised gains / losses planned
- Current economic environment bears risk of decreasing valuation of private equity and real estate

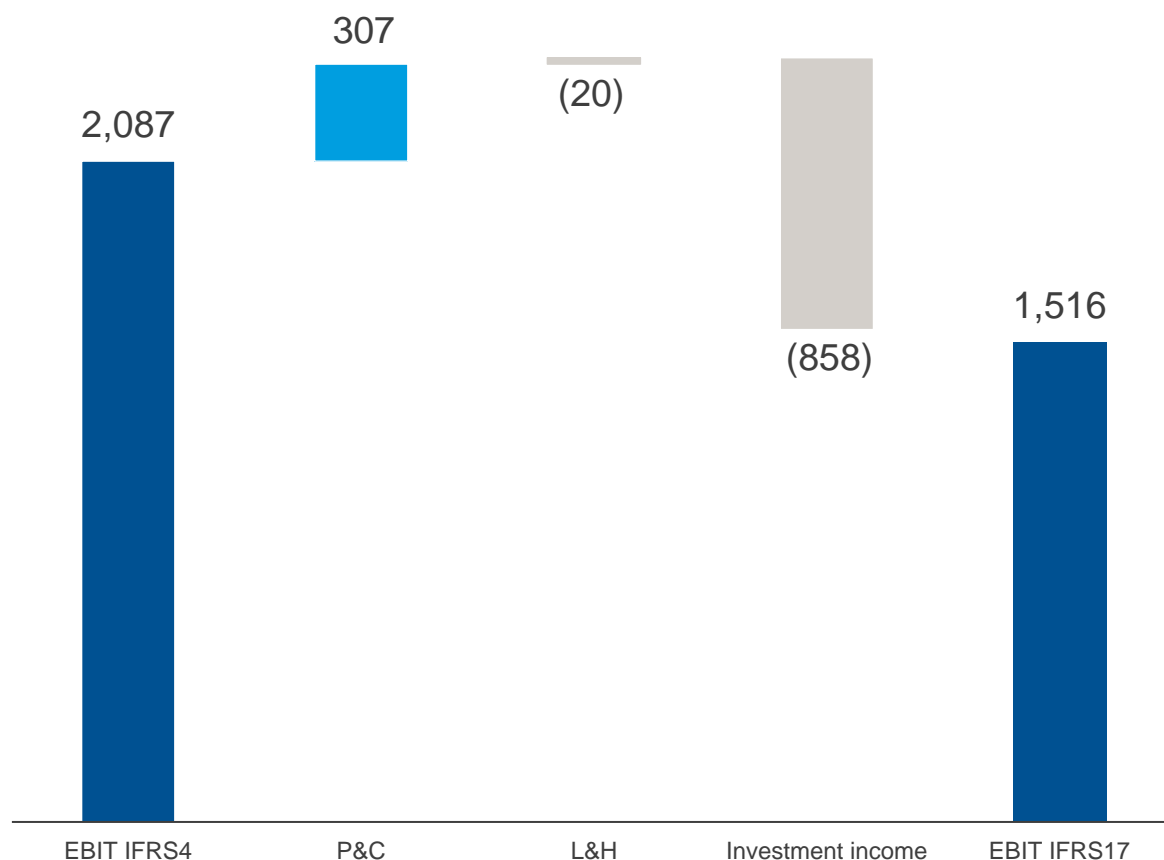


### Accounting impact IFRS 9

- Volatility likely to increase (more pronounced in P&C) due to higher share of assets FVPL
  - Increase from <1% to ~7.5%, main asset classes: Private-Equity, Real-Estate, fixed-income funds
- Minor impact from introduction of Expected Credit Loss
- Insurance related derivatives reflected in technical result

# FY2022 IFRS 17/9

## EBIT IFRS17 vs IFRS4



All figures in m. EUR unless otherwise stated

### P&C

- Discounted presentation of technical results, including interest accretion, resulting in a net effect of about 150 m.
- Volume-driven change in currency result 116 m.

### L&H

- IFRS4 contains +183 m. Covid-19 claims, which were already included at transition under IFRS17
- Unlocking of best estimate liabilities at transition +57
- Loss component (new business and change) -263 m.

### Investment income

- Lower realised gains -714m (thereof transfer of private equity into joint venture -558m)
- Lower result from at-equity participations -174 m.
- Impact from valuation (of higher share) of assets at FVTPL -134 m.
- Allocation of embedded derivatives to liabilities +147m

# Agenda

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1	Hannover Re Group	
2	Property & Casualty reinsurance	33
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8	Outlook	84
9	Appendix	86

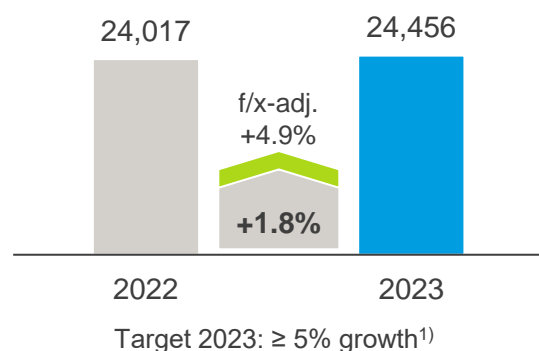
# Delivering on net income guidance and material balance-sheet strengthening

## Proposed increase in ordinary dividend to 6.00 EUR and total dividend to 7.20 EUR

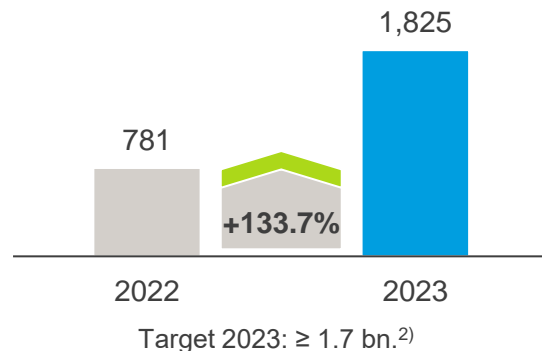


### Group

#### Reinsurance revenue



#### Group net income



### P&C reinsurance

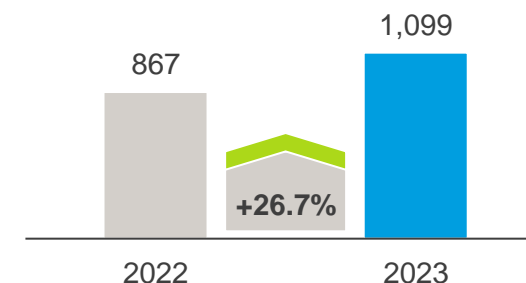
#### Reinsurance revenue (gross)

**16.8 bn.**  
+3.4% (f/x-adj. +6.5%)

#### New business CSM & LC (net)

**2.3 bn.**  
+46.5%

#### EBIT



### L&H reinsurance

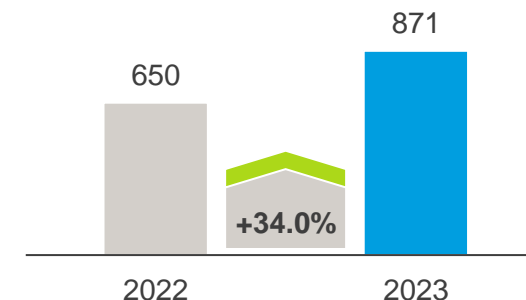
#### Reinsurance revenue (gross)

**7.6 bn.**  
-1.5% (f/x-adj. +1.6%)

#### New business CSM & LC (net)

**345 m.**  
-36.3% (-13.0% incl. extensions on existing contracts of 427 m.)

#### EBIT



#### RoE

**19.0%**

Target 2023: 10.7%

#### Rol

**2.8%**

Target 2023: ≥ 2.4%

#### Cost ratio

**3.3%**

+0.2%p

#### Operating cashflow

**5.8 bn.**

+16.9%

#### AuM

**60.1 bn.**

+8.8%

#### CSM (net)

**7.7 bn.**

+17.4%

#### Shareholders' equity

**10.1 bn.**

+11.8%

#### Solvency ratio

**269%**

31.12.2023

All figures in m. EUR unless otherwise stated

1) At unchanged f/x rates

2) Subject to no major distortions in capital markets and/or major losses not exceeding the large loss budget of EUR 1.725 bn. in 2023

# Improved margins result in higher underlying profitability

## Material increase in reserve resiliency, expected to be ~ 2 bn.<sup>1)</sup>

Property & Casualty R/I	Q4/2022	Q4/2023	2022	2023
Reinsurance revenue (gross)	3,876	4,088	16,265	16,824
Reinsurance revenue (net)	3,239	3,313	14,497	14,198
Reinsurance service result	196	(36)	801	848
Reinsurance finance result	(247)	(249)	(475)	(722)
Investment result	(225)	222	608	1,171
Other result	117	55	(67)	(199)
<b>Operating profit/loss (EBIT)</b>	<b>(159)</b>	<b>(9)</b>	<b>867</b>	<b>1,099</b>
Combined ratio (net)	94.0%	101.1%	94.5%	94.0%
New business CSM (net)	184	204	1,825	2,368
New business LC (net)	37	(1)	(236)	(40)

- **Reinsurance Revenue (RR) / New business CSM & LC (net)**
  - Reinsurance revenue (gross) growth +3.4% (f/x-adjusted +6.5%) in line with expectation, reflecting cycle management with shift towards non-proportional business and disciplined underwriting
  - New business CSM & LC (net) of 2,328 m. (+46.5%); well-diversified with strongest contribution from Americas, EMEA and Structured Reinsurance/ILS
- **Reinsurance service result (RSR)**
  - RSR supported by strong margin increase, reflected in higher New business CSM and lower New business LC
  - Materially higher than planned increase in resiliency expected to be ~ 2 bn.<sup>1)</sup>
  - Large losses of 1,621 m. below budget (1,725 m.), but increased retrocession expenses and below long-term average recovery from retrocession
  - Higher discount effect (6.5%) vs. interest accretion reflected in prudent reserving; increase in discount effect in Q4 driven by roll-over in higher yield environment and extraordinary increase in reserve resiliency
- **Investment result**
  - Strong ordinary income supported by higher fixed-income yields, including 180 m. contribution from inflation-linked bonds
  - 2022 impacted by high realised gains not recognised in P&L (IAS 39) but in equity (IFRS 9)
- **Other result**
  - Currency result 100 m. (26 m.); 2022 includes positive one-off (180 m.)

All figures in m. EUR unless otherwise stated

LC = Loss component

1) Own estimate for reserve resiliency to be validated by Willis Towers Watson

## Large losses within FY/2023 budget

Catastrophe losses <sup>1)</sup> in m. EUR	Date	Gross	Net
Floods, New Zealand	27 Jan - 6 Feb	93.7	46.8
Wildfires, Chile	01 Feb - 31 Mar	19.2	19.2
Earthquake, Türkiye	06 Feb	281.0	270.1
Cyclone "Gabrielle", New Zealand	10 - 17 Feb	122.7	67.1
Hail / Storm, USA	01 - 04 Mar	25.7	7.1
Tornadoes / Storm, USA	24 - 27 Mar	11.2	11.1
Tornadoes / Storm, USA	30 Mar - 02 Apr	52.0	36.6
Tornadoes / Storm, USA	03 - 06 Apr	12.6	6.2
Hail / Storm, USA	14 - 20 Apr	12.4	8.4
Rain / Flood, Italy	16 - 22 May	27.1	27.1
Storm "Lambert", Germany	19 - 23 June	26.9	12.7
Hail / Storm, Italy	18 - 27 Jul	313.1	313.1
Tornadoes / Storm, USA	19 - 23 Jul	10.5	9.0
Typhoon "Doksuri", China	28 Jul	30.2	30.2
Floods, Europe	03 - 07 Aug	28.3	28.3
Wildfires, Hawaii	08 - 10 Aug	176.0	96.8

1) Natural catastrophes and other major losses in excess of EUR 10 m. gross  
 Large loss budget 2023: EUR 1,725 m., thereof EUR 250 m. man-made and EUR 1,475 m. NatCat

## Large losses within FY/2023 budget

Catastrophe losses <sup>1)</sup> in m. EUR	Date	Gross	Net
Wildfires, Canada	15 - 31 Aug	12.9	7.1
Storms "Erwin" and "Denis", Europe	24 - 30 Aug	33.3	16.6
Hurricane "Idalia", USA	28 - 31 Aug	39.1	27.2
Earthquake, Morocco	08 Sep	78.0	73.5
Hurricane "Otis", USA	22 - 25 Oct	143.6	142.2
Storm "Ciarán", Europe	01 - 04 Nov	51.3	27.5
Storm / Flood, Australia	23 - 28 Dec	55.2	43.8
Storm "Zoltan", Europe	23 - 31 Dec	20.0	20.0
<b>24 Natural catastrophes</b>		<b>1,676.2</b>	<b>1,347.7</b>
10 Property losses		185.6	184.1
2 Credit losses		24.6	24.6
3 Aviation losses		42.9	36.9
1 Liability loss		13.5	13.5
1 Marine loss		27.7	13.8
<b>17 Man-made losses</b>		<b>294.3</b>	<b>272.9</b>
<b>41 Major losses</b>		<b>1,970.5</b>	<b>1,620.6</b>

1) Natural catastrophes and other major losses in excess of EUR 10 m. gross  
 Large loss budget 2023: EUR 1,725 m., thereof EUR 250 m. man-made and EUR 1,475 m. NatCat

# Strong operating performance in L&H reinsurance, well above target

Life & Health R/I	Q4/2022	Q4/2023	2022	2023
Reinsurance revenue (gross)	1,809	1,854	7,752	7,633
Reinsurance revenue (net)	1,642	1,656	7,175	6,889
Reinsurance service result	77	133	535	810
Reinsurance finance result	(18)	(29)	(108)	(158)
Investment result	(1)	100	357	415
Other result	(45)	(64)	(134)	(196)
<b>Operating profit/loss (EBIT)</b>	<b>13</b>	<b>141</b>	<b>650</b>	<b>871</b>
New business CSM (net)	199	132	545	359
New business LC (net)	(2)	(6)	(4)	(14)

- **Reinsurance Revenue (RR) / New Business CSM & LC (net)**
  - Reinsurance revenue (gross) stable: -1.5% (f/x-adjusted +1.6%)
  - Growth driven by Longevity, decreasing contribution from Mortality and Morbidity due to in-force management actions
  - Diversified contribution to new business CSM (net) from all reporting lines
- **Reinsurance service result (RSR)**
  - Improvement in RSR largely driven by Mortality, favourable claims experiences and rate improvements after significant Covid losses in 2022
  - Financial Solutions with continued strong contribution, further increased result from Longevity
- **Investment result**
  - Increase in ordinary income
- **Other result**
  - 2022 includes positive one-off termination fee of 40 m.

All figures in m. EUR unless otherwise stated



# Rol well above target, driven by favourable ordinary income

## Resilient portfolio with moderate impact from credits and real estate valuations

in m. EUR	2022	2023	Rol
Ordinary investment income <sup>1)</sup>	1,898	1,998	3.5 %
Realised gains/losses	(585)	(154)	-0.3 %
Depreciations Real Assets, Impairments	(48)	(133)	-0.2 %
Change in ECL	(120)	(23)	-0.0 %
FVTPL Valuation <sup>2)</sup>	(14)	76	0.1 %
Investment expenses	(165)	(176)	-0.3 %
<b>NII from AuM</b>	<b>965</b>	<b>1,588</b>	<b>2.8 %</b>

- Increase in ordinary income predominantly due to higher locked-in yields, decreasing but still favourable contribution from inflation-linked bonds (EUR 180 m.)
- Realised gains/losses driven by regular portfolio maintenance with only minor changes on asset allocation resulting in even higher future running yield
- Negative impact from re-valuations of some real estates in US and Europe
- Result from change in fair value of financial instruments driven by insurance-related derivatives
- Decreased unrealised losses due to change in interest rates at year-end and pull-to-par in portfolio

Unrealised gains/losses on investments (OCI)	31 Dec 22	31 Dec 23
Fixed Income	(4,863)	(3,217)
Equities (non-recycling)	(0.1)	(0.1)
Real Assets	546	492
Others (Participations etc.)	275	348
<b>Total</b>	<b>(4,042)</b>	<b>(2,378)</b>

All figures in m. EUR unless otherwise stated

1) Incl. results from associated companies

2) Fair Value Through P/L of financial instruments

# Our business groups at a glance

## 2023 vs. 2022

in m. EUR	Property & Casualty R/I			Life & Health R/I			Total		
	2022	2023	Δ-%	2022	2023	Δ-%	2022	2023	Δ-%
Reinsurance revenue (gross)	16,265	16,824	+3.4%	7,752	7,633	-1.5%	24,017	24,456	1.8%
Reinsurance service expenses	(15,113)	(14,088)	-6.8%	(7,184)	(6,714)	-6.6%	(22,298)	(20,802)	-6.7%
Reinsurance service result (gross)	1,151	2,736	+137.6%	568	919	+61.9%	1,719	3,654	112.6%
Reinsurance result (ceded)	(350)	(1,887)	-	(33)	(109)	-	(383)	(1,996)	-
<b>Reinsurance service result</b>	<b>801</b>	<b>848</b>	<b>+5.9%</b>	<b>535</b>	<b>810</b>	<b>+51.3%</b>	<b>1,336</b>	<b>1,658</b>	<b>24.1%</b>
Reinsurance finance result	(475)	(722)	+51.9%	(108)	(158)	+46.6%	(583)	(880)	50.9%
Investment result	608	1,171	+92.6%	357	415	+16.2%	965	1,588	64.5%
Currency result	26	100	-	(9)	(13)	+55.5%	18	87	-
Other result	(93)	(299)	-	(126)	(182)	+45.2%	(221)	(482)	118.5%
<b>Operating profit/loss (EBIT)</b>	<b>867</b>	<b>1,099</b>	<b>+26.7%</b>	<b>650</b>	<b>871</b>	<b>+34.0%</b>	<b>1,516</b>	<b>1,971</b>	<b>30.1%</b>
<b>Net income before taxes</b>							<b>1,424</b>	<b>1,854</b>	<b>30.2%</b>
Taxes							(526)	(26)	-95.0%
<b>Net income</b>							<b>898</b>	<b>1,828</b>	<b>103.4%</b>
Non-controlling interest							118	3	-97.6%
<b>Group net income</b>							<b>781</b>	<b>1,825</b>	<b>133.7%</b>

Extraordinary low tax ratio, mainly driven by geographic income split and positive one-off effect due to introduction of corporate income tax in Bermuda (with effect from 2025)

# Our business groups at a glance

## Q4/2023 vs. Q4/2022

in m. EUR	Property & Casualty R/I			Life & Health R/I			Total		
	Q4/2022	Q4/2023	Δ-%	Q4/2022	Q4/2023	Δ-%	Q4/2022	Q4/2023	Δ-%
Reinsurance revenue (gross)	3,876	4,088	5.5%	1,809	1,854	2.5%	5,685	5,942	4.5%
Reinsurance service expenses	(3,420)	(3,638)	6.4%	(1,726)	(1,665)	-3.5%	(5,146)	(5,303)	3.1%
Reinsurance service result (gross)	456	450	-1.4%	83	189	127.2%	540	639	18.5%
Reinsurance result (ceded)	(261)	(486)	86.5%	(6)	(56)	-	(267)	(543)	103.3%
<b>Reinsurance service result</b>	<b>196</b>	<b>(36)</b>	<b>-118.6%</b>	<b>77</b>	<b>133</b>	<b>72.5%</b>	<b>273</b>	<b>97</b>	<b>-64.5%</b>
Reinsurance finance result	(247)	(249)	1.2%	(18)	(29)	61.8%	(264)	(278)	5.3%
Investment result	(225)	222	-198.5%	(1)	100	-	(228)	323	-
Currency result	(4)	113	-	28	(19)	-166.8%	24	95	-
Other result	121	(59)	-148.4%	(72)	(45)	-37.3%	49	(102)	-
<b>Operating profit/loss (EBIT)</b>	<b>(159)</b>	<b>(9)</b>	<b>-94.3%</b>	<b>13</b>	<b>141</b>	<b>-</b>	<b>(146)</b>	<b>134</b>	<b>-192.1%</b>
<b>Net income before taxes</b>							<b>(173)</b>	<b>108</b>	<b>-162.5%</b>
Taxes							(157)	292	-
<b>Net income</b>							<b>(331)</b>	<b>400</b>	<b>-</b>
Non-controlling interest							5	(25)	-
<b>Group net income</b>							<b>(335)</b>	<b>425</b>	<b>-</b>

# Agenda

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1	Hannover Re Group	
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# Significant increase in group net income guidance for 2024

## Increasing earnings contribution from all three profit engines

### Expected contribution from our business groups



**Property & Casualty**

Combined ratio **< 89%**



**Life & Health**

Reinsurance service result **> 850 m.**



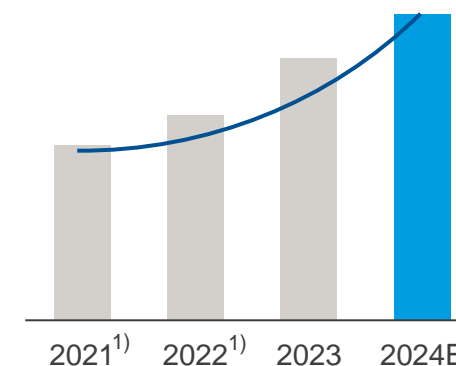
**Investments**

Return on investment **≥ 2.8%**

### Group financial guidance 2024

Revenue growth **> 5%**

Group net income **EUR ≥ 2.1 bn.**



1) IFRS4

# Agenda

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# Financial calendar and our Investor Relations contacts

- 6 May 2024**  
Annual General Meeting
- 14 May 2024**  
Quarterly Statement as at 31 March 2024
- 12 August 2024**  
Half-yearly Financial Report 2024
- 11 November 2024**  
Quarterly statement as at 30 September 2024
- 13 March 2025**  
Annual Press Conference and Analysts' Conference



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# Basic information on the Hannover Re share

## Basic information

International Securities Identification Number (ISIN)	DE 000 840 221 5
Ticker symbols	
-Bloomberg	HNR1
-Thomson Reuters	HNRGn
-ADR	HVRRY
<b>Exchange listings</b>	
-Germany	Xetra, Frankfurt, Munich, Stuttgart, Hamburg, Berlin, Düsseldorf, Hannover (official trading: Xetra, Frankfurt and Hannover)
-USA	American Depositary Receipts (Level 1 ADR programme; 6 ADR = 1 share)
Market segment	Prime Standard
Index inclusion	DAX
First listed	30 November 1994
Number of issued shares <sup>1)</sup>	120,597,134
Common shares <sup>1)</sup>	EUR 120,597,134
Share class	No-par-value registered shares

1) As at 31 March 2024



# Details on reserve review by WTW

- The scope of WTW's work was to review certain parts of the held loss and loss adjustment expense reserve, net of outwards reinsurance, from Hannover Re Group's consolidated IFRS financial statements and the implicit resiliency reserve margin, for the non-life business of Hannover Re Group annually as at each 31 December, most recently as at 31 December 2022. WTW concludes that the reviewed loss and loss adjustment expense reserve, net of reinsurance, less the resiliency reserve margin is reasonable in that it falls within WTW's range of reasonable estimates.
- Life reinsurance and health reinsurance business are excluded from the scope of this review.
- WTW's review of non-life reserves as at 31 December 2022 covered 97.2% / 100.0% of the gross and net held non-life reserves of €41.0 billion and €37.8 billion respectively. Together with life reserves of gross €5.9 billion and net €5.7 billion, the total balance sheet reserves amount to €46.9 billion gross and €43.6 billion net.
- The results shown in WTW's reports are not intended to represent an opinion of market value and should not be interpreted in that manner. The reports do not purport to encompass all of the many factors that may bear upon a market value.
- WTW's analysis was carried out based on data as at evaluation dates for each 31 December. WTW's analysis may not reflect claim development or all information that became available after the valuation dates and WTW's results, opinions and conclusions presented herein may be rendered inaccurate by developments after the valuation dates.
- The results shown in this presentation are based on a series of assumptions as to the future. It should be recognised that actual future claim experience is likely to deviate, perhaps materially, from WTW's estimates. This is because the ultimate liability for claims will be affected by future external events; for example, the likelihood of claimants bringing suit, the size of judicial awards, changes in standards of liability, and the attitudes of claimants towards the settlement of their claims.
- As is typical for insurance and reinsurance companies, claims reporting can be delayed due to late notifications by some claimants and cedants. This increases the uncertainty in the WTW results.
- Hannover Rück SE has asbestos, environmental and other health hazard (APH) exposures which are subject to greater uncertainty than other general liability exposures. WTW's analysis of the APH exposures assumes that the reporting and handling of APH claims is consistent with industry benchmarks. However, there is scope for wide variation in actual experience relative to these benchmarks. Thus, although Hannover Re Group's held reserves show resiliency reserve compared to WTW's indications, the actual fully developed losses could prove to be significantly different to both the held and indicated amounts.
- WTW has not anticipated any extraordinary changes to the legal, social, inflationary or economic environment, or to the interpretation of policy language, that might affect the cost, frequency, or future reporting of claims. In addition, WTW's estimates make no provision for potential future claims arising from causes not substantially recognised in the historical data (such as new types of mass torts or latent injuries, terrorist acts), except in so far as claims of these types are included incidentally in the reported claims and are implicitly developed.
- Sharp increases in inflation in many economies worldwide have resulted from recent rises in energy, food, component and raw material prices driven by wider economic effects of the Russia-Ukraine conflict combined with factors such as supply chain disruptions caused by the COVID-19 pandemic and labour shortages. Generally, inflation is expected to remain elevated in the near term despite mitigating policy responses by central banks and governments. Over time reductions in inflation rates to more normative levels, barring future shocks to the global economy are expected. However, prospective inflationary risks remain high due to the continuing Russia-Ukraine conflict and heightened geopolitical tensions with increased possibilities of hitherto unexpected conflict escalation. Longer term implications for inflation from current conflicts, heightened geopolitical tensions, increased energy prices, potential reductions in food supplies, disruption in global trading and their impacts on insurance exposures remain highly uncertain. The WTW analysis makes no explicit allowance for extraordinary future effects that may result from the above factors or other emerging shocks on the projection results.
- In accordance with its scope WTW's estimates are on the basis that all of Hannover Re Group's reinsurance protection will be valid and collectable. Further liability may exist for any reinsurance that proves to be irrecoverable.
- WTW's estimates are in Euros based on the exchange rates provided by Hannover Re Group as at each 31 December evaluation date. However, a substantial proportion of the liabilities is denominated in foreign currencies. To the extent that the assets backing the reserves are not held in matching currencies, future changes in exchange rates may lead to significant exchange gains or losses.
- WTW has not attempted to determine the quality of Hannover Re Group's current asset portfolio, nor has WTW reviewed the adequacy of the balance sheet provisions except as otherwise disclosed herein.
- In its review, WTW has relied on audited and unaudited data and financial information supplied by Hannover Rück SE and its subsidiaries, including information provided orally. WTW relied on the accuracy and completeness of this information without independent verification.
- Except for any agreed responsibilities WTW may have to Hannover Re Group, WTW does not assume any responsibility and will not accept any liability to any person for any damages suffered by such person arising out of this commentary or references to WTW in this document.

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