



Munich Re Group

Half-year financial report as at 30 June 2023

10 August 2023

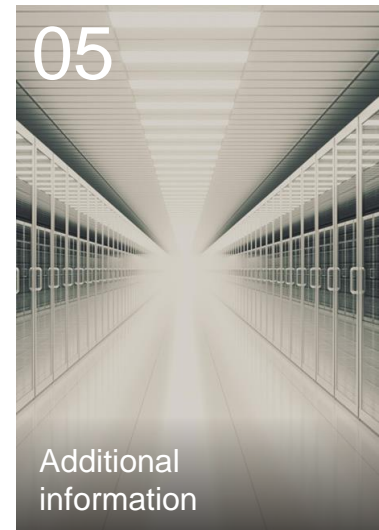
Joachim Wenning (CEO)

Christoph Jurecka (CFO)



Half-year financial report as at 30 June 2023

Agenda



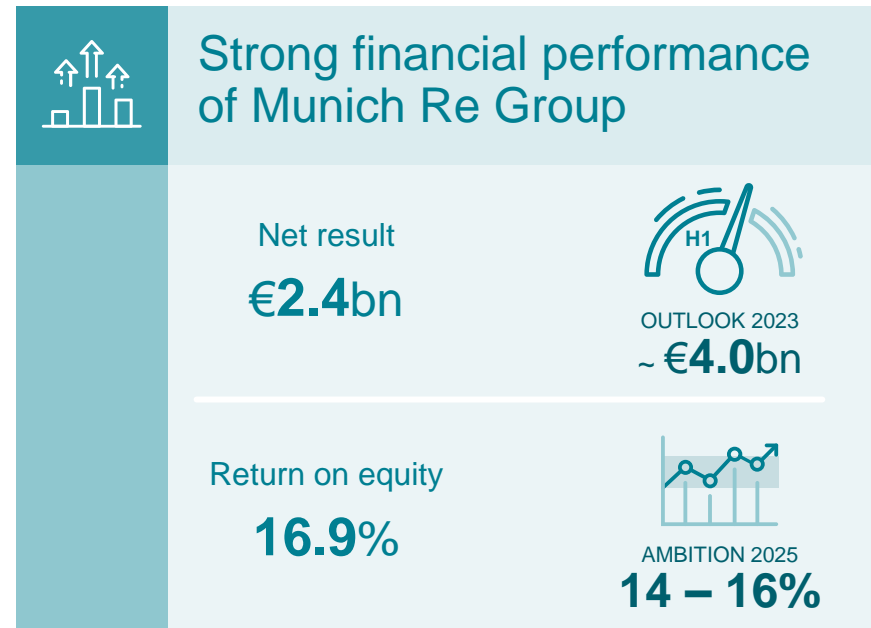
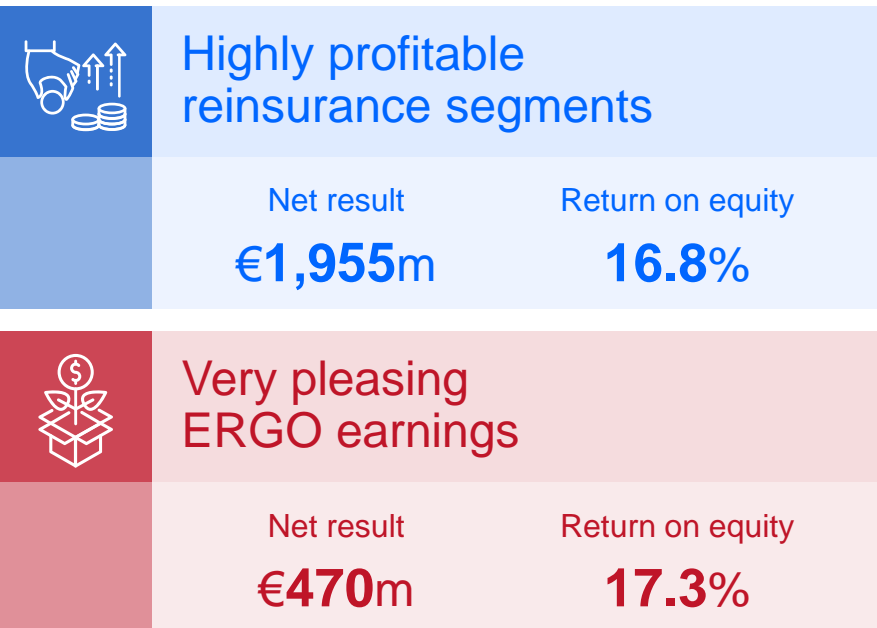


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01

Munich Re

After strong top- and bottom-line results in H1 2023, Munich Re well on track to achieving full-year targets



Increasing diversification of earnings profile provides tailwind for achieving Ambition 2025 targets

Strong underlying performance ...

1**Core P-C reinsurance**

Prolonged cycle supports profitable business

2**Global Specialty Insurance**

Becoming a powerful player in less cyclic specialty insurance

3**L&H reinsurance**

Strong earnings trajectory beyond expectations

4**ERGO**

Sustainably increasing contribution to Munich Re Group's earnings

... despite mixed macroeconomic environment

**Increased interest rates**

Clearly positive for Solvency II ratio and sustainable investment result

**Prevailing high inflation**

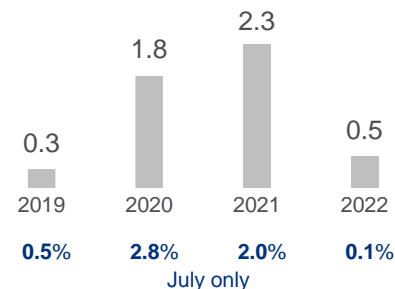
Impact well managed – consistently strong reserving position

1 Core P-C reinsurance: July renewals – Ongoing rate increases, focus on profitability

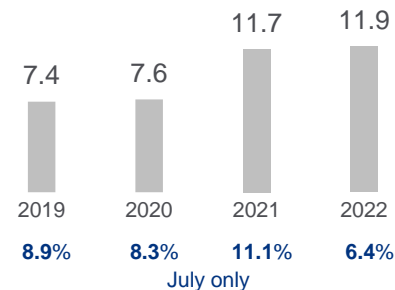


Price
change

Renewals 2019–2022 %



Volume
change



July renewals 2023¹

+5.1%

Material rate
increase in nat cat

–1.9%

Portfolio optimisation
and selective growth

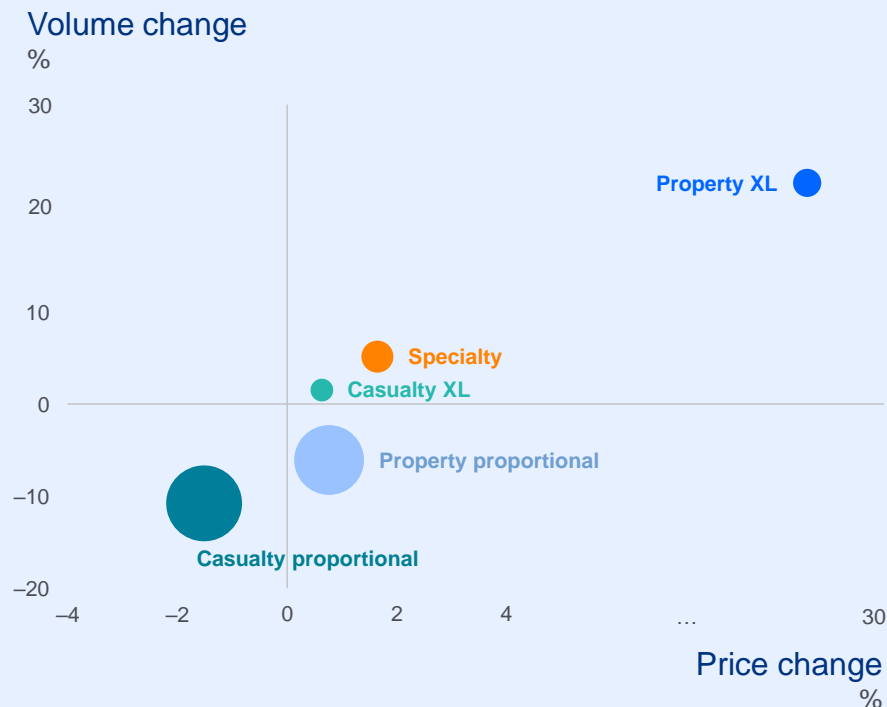
Higher risk-adjusted pricing

- Conservative inflation and other loss-trend assumptions (e.g. nat cat modelling) fully reflected in risk- and mix-adjusted price change. Excluding the portfolio mix effect, the price change would be 3.0%
- Overall, markets behaving in a disciplined and risk-trend-conscious manner

Improved portfolio quality

- Continued improvement in terms and conditions in addition to higher attachment points and distinct pricing of covered perils, making portfolio more robust though not fully captured in numbers
- Prevailing market discipline allowed for ongoing tightening of wordings and targeted exclusions

1 Core P-C reinsurance: July renewals – Growth and risk/return optimisation well balanced



Property XL

Nat cat provides highly attractive margins

- Munich Re continues to have capacity within its overall risk appetite for cat business globally in a healthy pricing environment
- Strong growth with a material price improvement similar to those seen in January and April

Other lines of business

Higher inflation compensated

- Substantial nominal price increases protect margins of new business
- Reduction of proportional business with clients who fail to meet our requirements with respect to prices / terms and conditions

2

Global Specialty Insurance optimally positioned to deliver on targets while helping to decrease volatility

GUIDING PRINCIPLES



Efficient organisation

Capture economies of scale and expertise for GSI and Munich Re Group



Superior underwriting

Deliver underwriting/claims excellence to clients – advance data/analytics capabilities to drive better decision making, e.g. coordinated management of cat/cyber capacity



Focused innovation

Build for the future by investing in innovative technologies to enhance capabilities, processes and customer service, e.g. IoT sensor deployment

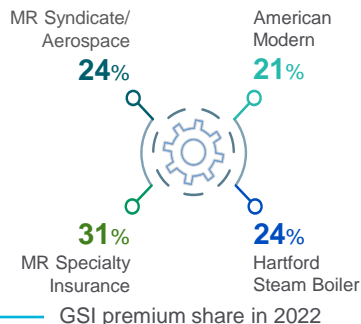
STRINGENCY



Comprehensive product, market and broker strategies

CONSISTENCY

Unified specialty insurance unit, operating as one company



AMBITION 2025



GSI to become a more powerful player in specialty insurance worldwide



Premium growth from €8bn (2022) to ~ €10bn

Based on IFRS 4



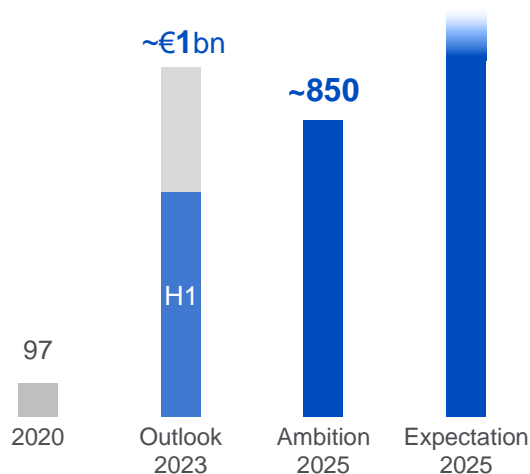
Combined ratio in the low 90s

Based on IFRS 4

3 Life and health reinsurance on a strong earnings trajectory beyond expectations

Total technical result¹

€m



	FinMoRe	Very positive business development beyond Ambition 2025 expectations driven by ongoing high demand
	Biometric risk-transfer	Better-than-expected new business growth, especially in the US
	Longevity	Leveraging the very pleasing development in line with strategy of cautious and gradual expansion in select countries
	IFRS 17	Crystallising business profitability through earlier earnings recognition

¹ Figures for 2020 and Ambition 2025 based on IFRS 4 technical result including fee income.

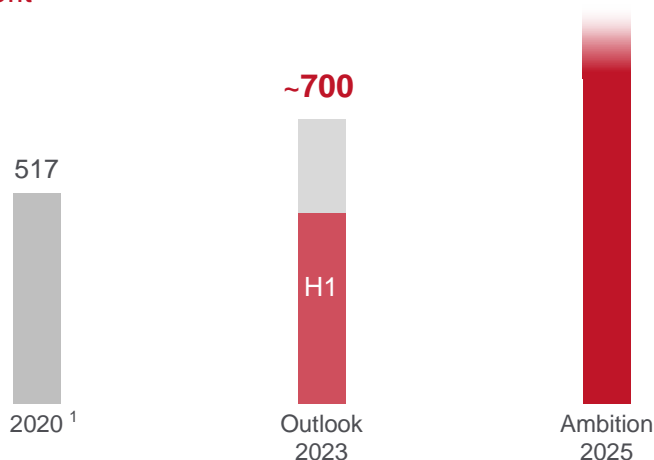
4

ERGO continues to deliver – Improving earnings contribution to Munich Re Group



ERGO steadily increasing earnings based
on strong underlying performance

Net profit
€m



Improving profitability
relative to top peers



Above-average growth
in major markets



Top products and
customer experience



Becoming the digitally
leading insurer

4

Ambition 2025 – ERGO well on track to improving profitability relative to top peers



Above-average growth in major markets

- Superior underwriting in p-c, e.g. combined ratio in commercial far better than market
- Increase of market share in life new book
- Business expansion supported by leading position in German supplementary health
- Leveraging market-leading positions in Europe, e.g. Belgium and Poland
- Expansion in Asian markets, e.g. leveraging top 2 position¹ in India



Top products and customer experience

- Strong ratings for excellent product quality, e.g.
 - Biometric life products
 - Dental and long-term care products
 - Retail p-c portfolio
- Further enhancing the hybrid-customer model ...
- ... to provide consistent omni-channel products and services



Becoming the digitally leading insurer

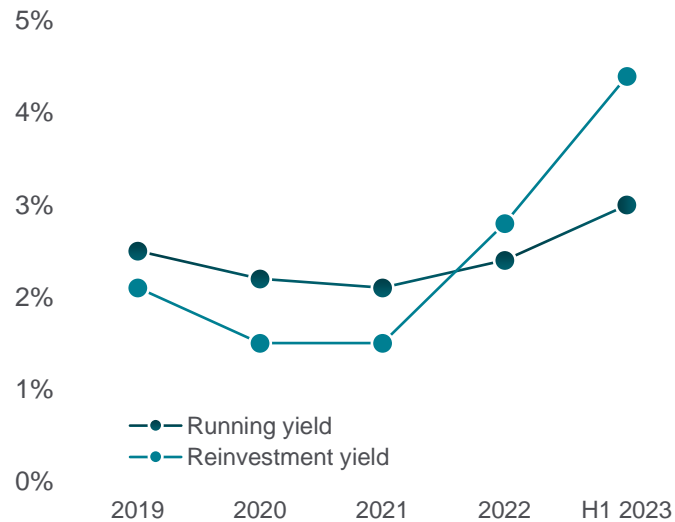
- Supporting acceleration of cross-border synergies by leveraging global technology services
- Spearheading comprehensive set of digital technologies

¹ Among private p-c insurers.

Leveraging earnings power from our investment portfolio

Higher interest rates increasing sustainable investment result

Fixed-income portfolio



Levers to further improve investment performance



Seizing market opportunities within the tactical asset allocation, including active currency management



Earning liquidity premium through continuous expansion of alternative investments



Selecting best-in-class asset managers for specific asset classes and regions

ESG deeply embedded in our Ambition 2025 – Highlights

Insurance

Green Tech Solutions¹

Projects in the
“Green Tech” space
>900

Countries with
insured capacity
~80

Gigawatts
in total
>55



Net Promoter Score (NPS): 60 (2020/21: 56)

Reinsurance client survey 2022 (as of June 2022, bi-annually)

Munich Re **climate ambition unwavering** despite
discontinuation of our NZIA membership

Roll-out of strengthened
guidelines with regard to
biodiversity started

Member of the
**TNFD
Forum**

Own operations



Decarbonisation
achievement per employee⁴
approx. –22%
(compared to base year 2019)

Employees with
at least one training
>89%

Share of women
in management
38.5%

Electricity purchased
from renewable sources
90%

Number of nationalities
Munich Re Group
123

Investments



Rating coverage of
liquid asset classes
>95%

ESG-focus
investments²
€8.9bn

Emissions 2022³
–46%
(compared to base year 2019)

Active member of the **Net-Zero
Asset Owner Alliance**

Strengthened
guidelines with
regards to
biodiversity

Our commitment to success – Leading total shareholder return (TSR)

	Growth	Strong balance sheet – no constraints on deploying capital in hard market
	Profitability	Leveraging diversification and superior underwriting
	Capital repatriation	Shareholders participate via growing dividends and share buy-backs

TSR 1.1.2020 – 30.6.2023¹
%



¹ Source: Bloomberg. Peers: Allianz, Axa, Generali, Hannover Re, Scor, Swiss Re, Zurich.

Outlook 2023 – Well on track to achieve targets

Group

Insurance revenue (gross)
~ **€58bn**

Net result
~ **€4.0bn**

Return on investment
> **2.2%**

ERGO

Insurance revenue (gross)
~ **€19bn**

Net result
~ **€0.7bn**

Combined ratio
P-C Germany
~ **89%**

International
~ **90%**

Reinsurance

Insurance revenue (gross)
~ **€39bn**

Net result
~ **€3.3bn**

Combined ratio
Property-casualty
~ **86%**

Total technical result
Life and health
~ **€1.0bn**



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02

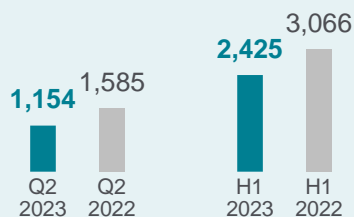
Group finance

After strong H1 results well on track to achieve FY targets

Elevated result in H1 2022 due to lower unwinding effects (IFIE) and lower major losses

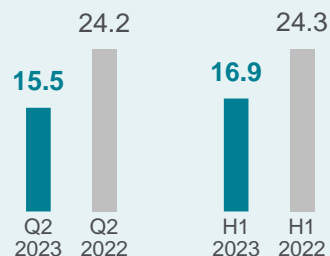
Net result

€m



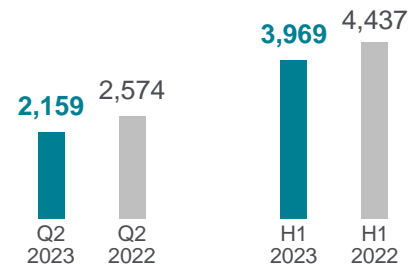
Return on equity¹

%



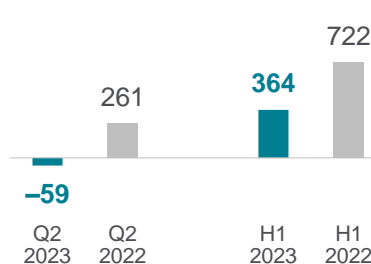
Total technical result

€m



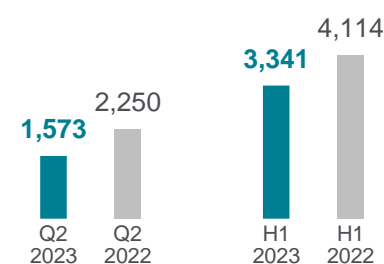
Net financial result

€m



Operating result

€m



RI net result Q2 (H1): €904m (€1,955m)

Sound operating performance in both segments, benign major losses in p-c, low RoI of 1.2%¹ due to disposal losses

Property-casualty: Combined ratio: 80.5% (83.5%) – major loss ratio: 9.3% (12.8%), reserve releases²: –5.0% (–5.0%) – net result: €578m (€1,338m)

Life and health: Total technical result: €325m (€644m) – net result: €326m (€617m)

July renewals: Risk-adjusted price change: +5.1%, premium change: –1.9%

ERGO net result Q2 (H1): €250m (€470m)

Strongly improved International business, ongoing sound CR in P-C Germany, low RoI in L&H Germany due to fair value changes

Life and Health Germany: Total technical result: €285m (€543m) – net result: €72m (€113m)

Property-casualty Germany: Combined ratio: 88.1% (84.7%) – net result: €62m (€229m)

International: Combined ratio: 88.1% (91.6%) – net result: €116m (€128m)

Capital position

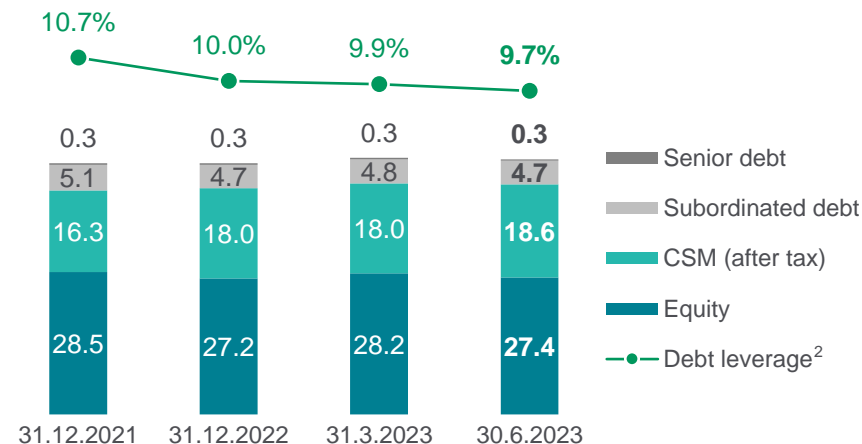
Equity

€m

Equity 31.12.2022	27,245		Change in Q2
Net result	2,425		1,154
Changes			
Dividend	–1,583		–1,583
Share buy-backs	–496		–123
Unrealised gains/losses	507		–242
Exchange rates	–285		–4
Other ¹	–376		52
Equity 30.6.2023	27,436		–746

Capitalisation

€bn



Change in unrealised gains/losses

	Q2	H1
Investments	–€653m	€1,271m
Insurance contracts	€410m	–€764m

Return on equity

	Q2	H1
Reinsurance	14.9%	16.8%
ERGO	17.8%	17.3%

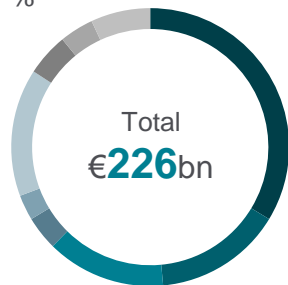
Solvency II ratio

273%

Investments

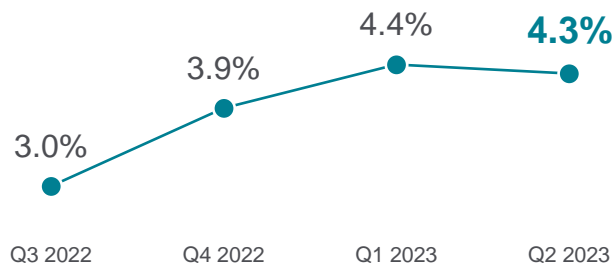
Investment portfolio¹

%



Government/Semi-government bonds ²	34 (34)	Alternative investments	15 (15)
Covered bonds/mortgage loans	15 (15)	Equities ³	5 (4)
Corporate bonds	14 (14)	Business-related participations	4 (4)
Emerging-market government bonds	4 (4)	Cash	7 (8)
ABS/MBS	3 (3)		

3-month reinvestment yield



Portfolio management in Q2

- Increase in equity exposure due to rising stock markets
- Increase in corporate bonds exposure ...
- ... and high interest rates benefit reinvestment yield

Investment result

€m	Q2 2023	Return ¹	H1 2023	Return ¹	H1 2022	Return ¹
Regular income	1,763	3.3%	3,364	3.1%	3,167	2.7%
Write-ups/write-downs	–11	0.0%	–39	0.0%	–1,805	–1.5%
Change in expected credit loss (ECL)	11	0.0%	–27	0.0%	0	0.0%
Disposal gains/losses	–396	–0.7%	–229	–0.2%	1,661	1.4%
Fair value change	–610	–1.1%	–535	–0.5%	–2,157	–1.8%
Other income/expenses	–162	–0.3%	–326	–0.3%	–292	–0.2%
Investment result	596	1.1%	2,208	2.0%	574	0.5%

	Q2 2023			H1 2023		
	Fixed income	Equities	Other	Fixed income	Equities	Other
Write-ups/write-downs	0	0	–11	0	0	–39
Disposal gains/losses	–399	0	3	–588	0	358
Fair-value change	–456	64	–218	–502	316	–350

Net financial result

€m	Q2 2023	Q2 2022	H1 2023	H1 2022
Investment result	596	317	2,208	574
Currency result	44	634	–101	855
Investment result from unit-linked life insurance	163	–696	490	–1,169
Net insurance finance income or expenses (IFIE)	–861	6	–2,232	461
Net financial result	–59	261	364	722
Life and health reinsurance	122	513	239	812
Property-casualty reinsurance	–215	–279	111	–322
ERGO Life and Health Germany	–11	36	–69	132
ERGO Property-casualty Germany	25	17	77	82
ERGO International	20	–26	7	18

- Investment result in Q2 2023 affected by disposal losses on fixed-income securities (mainly in P-C RI) and fair-value changes (mainly at ERGO L/H Germany) – positive dividend seasonality in regular income
- Positive investment result from unit-linked life insurance in ERGO L/H Germany and International offset in IFIE
- At ERGO, net financial result for VFA business is usually close to 0, as IFIE largely offsets the sum of the other three components
- In reinsurance, IFIE largely reflects the unwinding of discount, which is still impacted by low interest-rate levels at transition – albeit with less impact than in 2022



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03

ERGO

ERGO Life and Health Germany

Key messages



- Increase of total technical result in Q2 vs. Q1 driven by a higher contribution from PAA business (€51m)
- Net income in Q2 of €72m, H1 €113m – main contributor life back book, followed by health

Insurance revenue (gross)

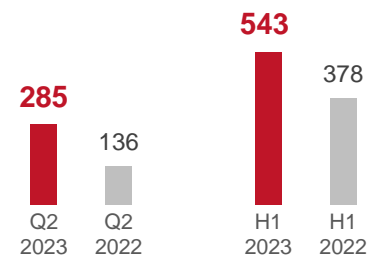
€m



- Increase in insurance revenues driven by travel, short- and long-term health and life

Total technical result

€m

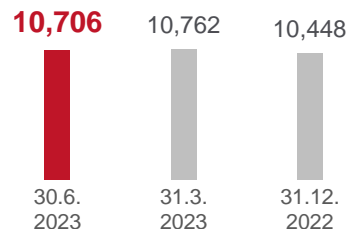


Strong Q2 total technical result driven by:

- CSM release in line with expectations
- Strong business growth and benign claims development in short-term health business (PAA)

Contractual service margin (CSM)¹

€m



- Increase of CSM in H1 driven by high operating changes and contribution from profitable new business partially compensated for by high CSM release

ERGO Life and Health Germany







Total technical result

€m

	Q2 2023	H1 2023
Release of CSM	222	449
Release of risk adjustment (non-PAA)	9	17
Experience adjustments not adjusted against CSM (non-PAA)	9	-5
Onerous contracts and changes not affecting CSM (non-PAA)	-2	-15
Insurance service result from PAA business	51	90
Insurance service result	289	537
Result from insurance-related financial instruments	-4	6
Total technical result	285	543

- 2.0% release of CSM in Q2 results in higher absolute amounts, as current CSM level benefits from higher interest rates vs. transition at 1/1/2022
- Insurance service result from PAA business driven by strong business growth and good claims development in short-term health insurance
- Result from insurance-related financial instruments reflecting market value change of interest rate reinsurance

ERGO Life and Health Germany – CSM/RA

€m		CSM ¹	RA ¹
CSM/RA			
31.12.2022		10,448	580
New contracts added		79	4
Accretion of interest		0	0
Operating changes		630	-14
Change in financial effects		0	0
Other		-1	0
Release (through P&L)		-449	-17
CSM/RA			
30.6.2023		10,706	552

CSM

- New contracts added in life new book and long-term health – run-off of life back-book and strategic shift in health to short-term business result in relatively low new contracts added
- Positive operating changes due to deviation of actual quarterly portfolio development from pro-rata expectation in life back book and benign capital market development
- Release driven by life back book and long-term health business

Risk adjustment

- Decrease mainly due to lower risk capital based on higher interest rates at Q4

ERGO Property-casualty Germany

Key messages



- Exceptionally high total technical result in H1 driven by very low large losses and seasonally low acquisition costs
- Net result in H1 (€229m) significantly higher than H2 expectation; burden from acquisition costs in Q4

Insurance revenue (gross)

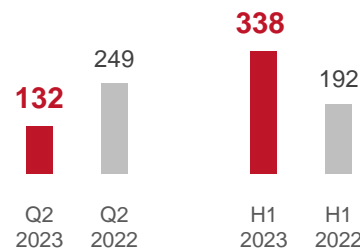
€m



- Good business development, mainly driven by motor, liability and others

Total technical result

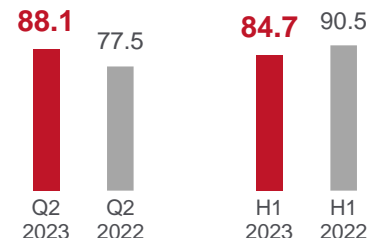
€m



- Lower-than-expected man-made and nat cat major losses in Q2 and H1
- Low acquisition costs in Q1 to Q3 due to seasonality of new business; acquisition costs in Q4 significantly higher
- Higher-than-expected discount effect in CR (~3pp in H1) ...
- ... offset by prudent reflection of downside risks in basic loss ratio
- Q2 2023 discount effect of ~2.5pp
- Q2 2022 positively influenced by e.g. assumption changes

Combined ratio

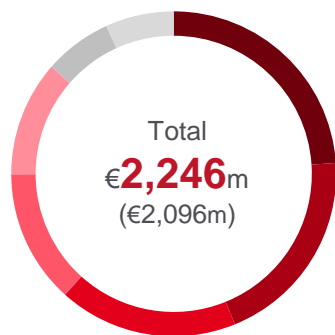
%



ERGO Property-casualty Germany

Insurance revenue (gross) in H1 2023 (H1 2022)

€m



Fire/property	538	Legal protection	258
Liability	448	Marine	152
Motor	400	Other	153
Personal accident	299		

Combined ratio

%

■ Loss ratio

■ Expense ratio

2022	90.3	61.2	29.1
Q2 2023	88.1	63.6	24.6
H1 2023	84.7	58.7	25.9



Key messages



- Total technical result in Q2 supported by strong operating performance and benign large-loss development in P-C ...
- ... as well as CSM release at expected level, and release of claims reserves in life and health

Insurance revenue (gross)

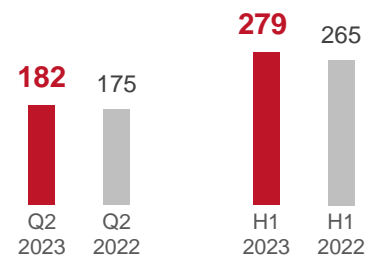
€m



- Increase from strong business development, mainly driven by Belgium Health and Poland P-C and full consolidation of ERGO Thailand

Total technical result

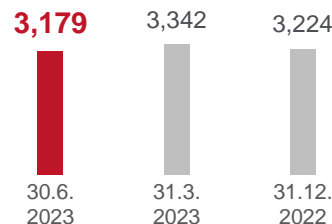
€m



- CR in H1 of 91.6% (91.0%); strong CR in Q2 of 88.1% (93.3%) due to:
 - Favourable basic-loss development
 - Benign large losses
- In Q2, good development in life and health from CSM release and experience adjustment (claims reserve release in Belgium Health of ~€30m)

Contractual service margin (CSM)¹

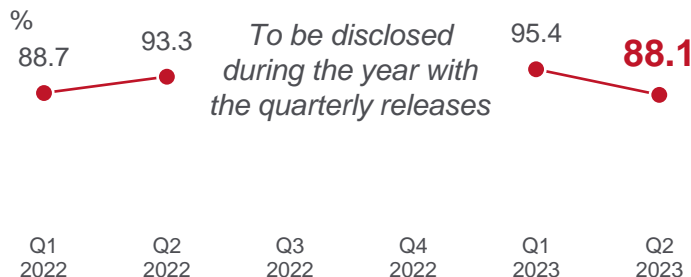
€m



- Development in H1 mainly due to:
 - Profitable new business, ...
 - ... overcompensated for by operating changes and CSM release

Property-casualty¹

Combined ratio



91.6



H1 2023

89.5



Poland

93.4



Legal protection

78.3



Greece

89.7



Baltics

91.0



Austria

129.8



Thailand

92.9



Spain

Life and Health

Total technical result²

€m

Release of CSM

Q2

H1

39

93

Release of risk adjustment (non-PAA)

3

5

Experience adjustments not adjusted against CSM (non-PAA)

30

24

Onerous contracts and changes not affecting CSM (non-PAA)

-5

-1

Insurance service result from PAA business

18

21

Insurance service result

84

142

Result from insurance-related financial instruments

0

0

Total technical result

84

142

CSM/RA development

€m

CSM³RA³

31.12.2022

3,057

180

New contracts added

84

2

Accretion of interest

10

1

Operating changes

-70

-31

Change in financial effects

6

3

Other

0

0

Release (through P&L)

-93

-5

30.6.2023

2,994

151



04

Reinsurance

Life and health reinsurance

Key messages



- Strong total technical result above pro-rata guidance
- Pleasing new business development, especially in North America

Insurance revenue (gross)

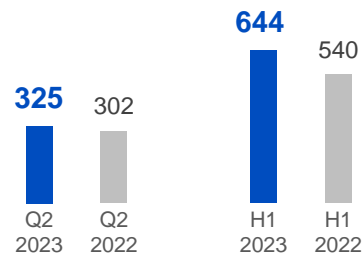
€m



- Decline in Continental Europe and Asia, partly offset by growing revenue in North America and UK

Total technical result

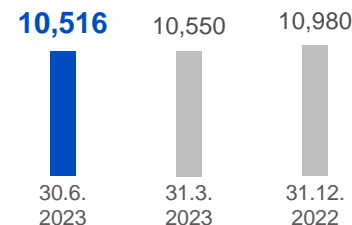
€m



- Release of CSM and RA in line with expectations
- Pleasing underlying result from insurance-related financial instruments, however, negatively affected by FX effects of -€119m in H1 2023

Contractual service margin (CSM)¹

€m



- CSM from new contracts exceeds release through P&L
- Decline vs. year-end 2022 caused by a shift from CSM to RA, still representing future profits
- Negative FX impact in Q2 and H1

Life and health reinsurance









Total technical result

€m

	Q2 2023	H1 2023
Release of CSM	209	423
Release of risk adjustment (non-PAA)	62	124
Experience adjustments not adjusted against CSM (non-PAA)	13	–3
Onerous contracts and changes not affecting CSM (non-PAA)	–35	–32
Insurance service result from PAA business	0	1
Insurance service result	249	513
Result from insurance-related financial instruments	76	132
Total technical result	325	644

- Release of CSM in line with expectation of ~2% per quarter
- Release of risk adjustment also in line with expectation
- Experience adjustments on aggregate largely neutral, with negative US mortality compensated for by positive adjustments on aggregate from the remainder portfolio
- Onerous contracts: negative impact driven by prudent booking of certain short-term group and health business
- Very good development of FinMoRe and financial markets business, although negatively impacted by FX effects of –€119m in H1

Life and health reinsurance – CSM/RA

€m		CSM ¹	RA ¹
CSM/RA			
31.12.2022		10,980	2,907
New contracts added		442	64
Accretion of interest		77	23
Operating changes		–380	381
Change in financial effects		–181	–94
Other		0	0
Release (through P&L)		–423	–124
CSM/RA			
30.6.2023		10,516	3,155

CSM

- New contracts added reflect profitable new business growth, especially in North America, exceeding release through P&L; certain new business also recognised as operating changes
- Operating changes mainly from annual update of parameters, causing a shift from CSM to RA
- Change in financial effects driven by FX

Risk adjustment

- Increase of RA driven by shift from CSM to RA
- RA level from new contracts driven by product mix and interest rates
- Release of RA in line with expectation
- Change in financial effects reflects development of yield curves and FX

Property-casualty reinsurance

Key messages



- Strong revenue growth of 9.1% vs. H1 2022
- Combined ratio of 80.5% in Q2 supported by below-average major losses
- Normalised combined ratio of 86.2% in Q2 in line with guidance

Insurance revenue (gross)

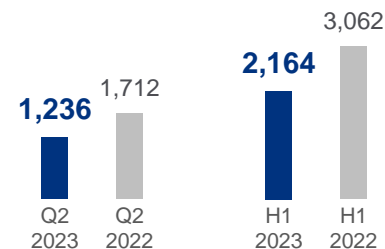
€m



- Proportional business: New business and primary rate increases more than compensate for non-renewed shares
- XL business: Significant growth in nat cat at increased prices
- Global Specialty Insurance: Substantial growth across all units

Total technical result

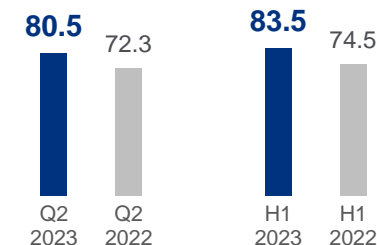
€m



- Good CR in Q2/H1 2023, elevated vs. previous year due to higher major losses, lower release of loss component, and additional consideration of reserve uncertainty
- Current interest rates contributing to discounting effects in combined ratio of ~8pp in Q2

Combined ratio

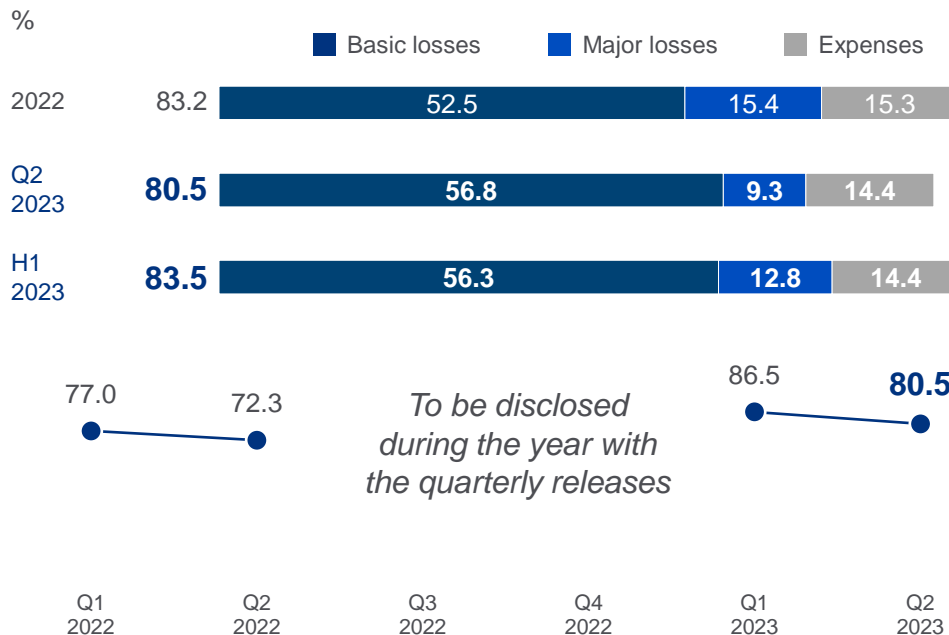
%



- Higher-than-expected discount benefit used to cater for claims uncertainty in basic losses

Property-casualty reinsurance

Combined ratio



	Q2 2023	H1 2023	Ø Annual expectation
Change in loss component	-1.0	-1.1	~ 0.0
Major losses ¹	9.3	12.8	~ 14.0
Nat cat ¹	6.9	10.3	~ 10.0
Man-made ¹	2.4	2.5	~ 4.0
Reserve releases ²	-5.0	-5.0	-5.0
Normalised combined ratio	86.2	85.7	~ 86.0

¹ Absolute figures Q2/H1 2023: Major losses €600m/€1,635m, nat cat €445m/€1,315m, man-made €155m/€320m.

² Basic losses in prior years. Absolute figures for Q2/H1 2023: -€322m/-€636m.



imaginima / Getty Images

05

Additional information

Actual vs. analysts' consensus

Operating result – Actual vs. analysts' consensus¹

€m	Q2 2023	Consensus	Delta
Life and health reinsurance	414	355	59
Property-casualty reinsurance	808	1,070	–262
ERGO Life and Health Germany	110	85	24
ERGO Property-casualty Germany	103	127	–24
ERGO International	137	65	73
Operating result	1,573	1,674	–102

Net finance costs	–42		
Taxes	–377		
Net result	1,154	1,226	–72

KPIs – Actual vs. analysts' consensus¹

€m	Q2 2023	Consensus	Impact ²
Total technical result	325	302	23
Combined ratio	80.5%	83.1%	167
Total technical result	285	249	36
Combined ratio	88.1%	86.6%	–17
Combined ratio	88.1%	91.8%	39

Segment RoI³

%	Q2 2023
Life and health reinsurance	1.9
Property-casualty reinsurance	0.9
ERGO Life and Health Germany	0.7
ERGO Property-casualty Germany	2.6
ERGO International	2.2

¹ Simple average of estimates the Munich Re Investor Relations team has gathered from analysts covering Munich Re, not considering any external data providers. ² For combined ratios: Delta between actual and consensus times insurance revenue (net). ³ Annualised.

Segment income statement

Q2 2023

€m	Life and health reinsurance	Property-casualty reinsurance	ERGO L/H Germany	ERGO P-C Germany	ERGO International	Total Q2 2023
Gross premiums written ¹	3,277	8,471	2,709	903	1,438	16,799
Insurance revenue from insurance contracts issued	2,606	6,695	2,354	1,129	1,391	14,175
Insurance service result	249	1,252	289	132	182	2,105
Result from insurance-related financial instruments	76	-17	-4	0	0	55
Total technical result	325	1,236	285	132	182	2,159
Investment result	101	160	186	51	98	596
Currency result	50	38	-25	-14	-5	44
Investment result from unit-linked life insurance	0	0	113	0	50	163
Net insurance finance income or expenses	-29	-413	-285	-12	-122	-861
Net financial result	122	-215	-11	25	20	-59
Other operating result	-32	-213	-164	-53	-65	-528
Operating result	414	808	110	103	137	1,573
Net finance costs	0	-34	13	-12	-9	-42
Taxes	-89	-195	-51	-29	-13	-377
Net result	326	578	72	62	116	1,154
Tax rate	21.4%	25.3%	41.3%	31.6%	10.2%	24.6%

Segment income statement

H1 2023

€m	Life and health reinsurance	Property-casualty reinsurance	ERGO L/H Germany	ERGO P-C Germany	ERGO International	Total H1 2023
<i>Gross premiums written¹</i>	6,568	17,521	5,321	2,666	2,952	35,028
Insurance revenue from insurance contracts issued	5,340	13,192	4,916	2,246	2,753	28,448
Insurance service result	513	2,107	537	338	281	3,776
Result from insurance-related financial instruments	132	57	6	0	–2	192
Total technical result	644	2,164	543	338	279	3,969
Investment result	272	837	813	105	181	2,208
Currency result	24	12	–119	–12	–6	–101
Investment result from unit-linked life insurance	0	0	325	0	165	490
Net insurance finance income or expenses	–58	–738	–1,088	–17	–332	–2,232
Net financial result	239	111	–69	77	7	364
Other operating result	–78	–391	–310	–100	–113	–992
Operating result	805	1,884	164	314	173	3,341
Net finance costs	–2	–67	23	–22	–16	–84
Taxes	–187	–479	–73	–63	–30	–832
Net result	617	1,338	113	229	128	2,425
Tax rate	23.3%	26.3%	39.4%	21.7%	18.8%	25.5%

¹ Alternative performance measure – not defined under IFRS 17.

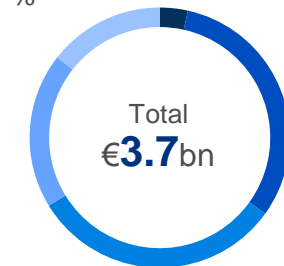
July renewals

Total property-casualty book¹



January renewals	44
April renewals	8
July renewals	13
Remaining business	35

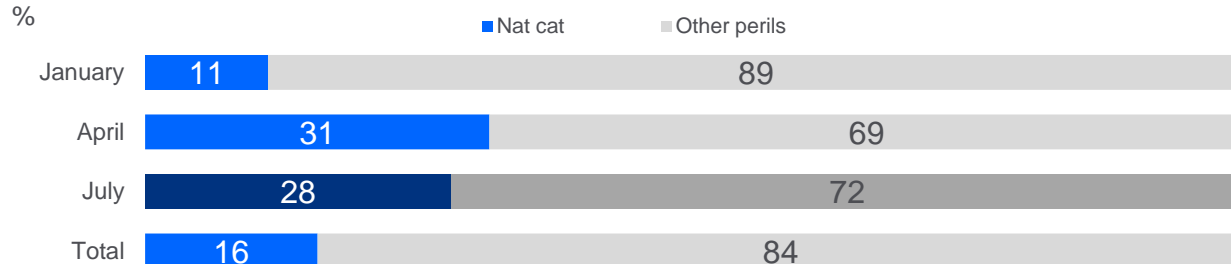
Regional allocation of July renewals



Europe	3
Worldwide	31
Asia/Pacific/Africa	19

Latin America	14
North America	31

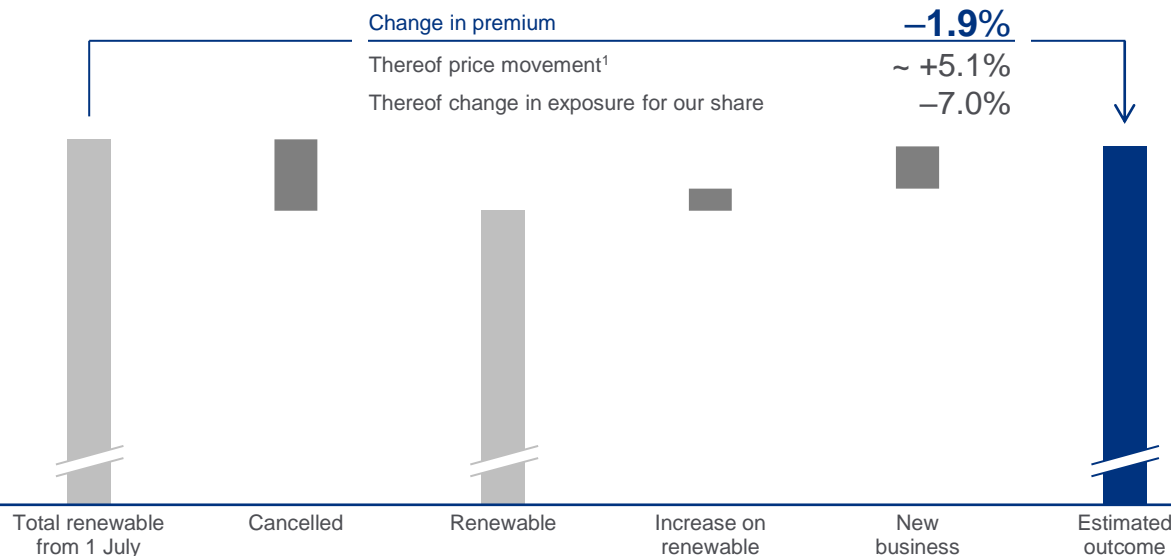
Nat cat shares of renewable portfolio²



July renewals

%	100	-20.0	80.0	+6.0	+11.5	98.1
€m	3,689	-720	2,969	+222	+427	3,619

Selective growth and
portfolio optimisation



- **Property XL**
Substantial expansion of nat cat business with material price increases
- **Proportional business**
Reduction of business with clients who fail to meet our requirements with respect to prices / terms and conditions

¹ Price movement is risk-adjusted, i.e. includes claims inflation and loss trends. Furthermore, price movement is calculated on a wing-to-wing basis (including cancelled and new business).

Revenue development

H1 2023

Insurance revenue (gross)

€m

H1 2022 27,033

Foreign exchange -219

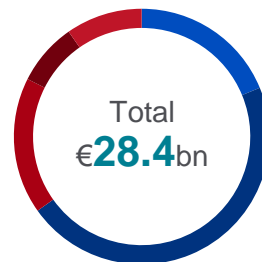
Divestments/
investments 80

Organic change 1,554

H1 2023 28,448

Segmental breakdown

€bn



Life and health reinsurance

Property-casualty reinsurance

ERGO Life and Health Germany

ERGO Property-casualty Germany

ERGO International

Revenue

5.3

Share

19%

13.2

46%

4.9

17%

2.2

8%

2.8

10%

Insurance revenue (gross) change vs. H1 2022

%

L/H reinsurance -4.3

P-C reinsurance 9.1

ERGO L/H Germany 6.0

ERGO P-C Germany 7.2

ERGO International 4.9

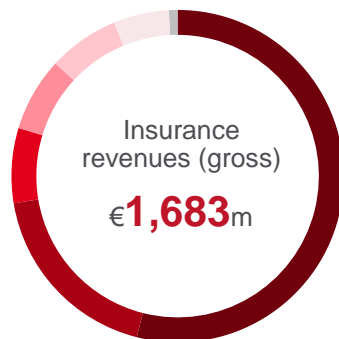
Munich Re Group 5.2

Insurance revenue (gross): ERGO International

H1 2023

Property-casualty

	H1 2023
Poland	908
Legal protection	310
Greece	123
Baltic states	121
Austria	116
Thailand	91
Other	14
Total	1,683



Life and health



	H1 2023
Life	
Austria	81
Belgium	64
Other	82
Total	228

	H1 2023
Health	
Spain ¹	447
Belgium	366
Total	842

Total comprehensive income

Q2 2023

€m

	Reinsurance Total	ERGO L/H Germany	ERGO P-C Germany	ERGO International	Munich Re Q2 2023
Total comprehensive income	699	64	43	102	907
Thereof net result	904	72	62	116	1,154
Thereof change in OCI (after tax)	-205	-8	-19	-14	-246
Thereof from investments	-431	-215	-20	13	-653
Thereof from insurance contracts	241	210	-1	-40	410
Thereof currency translation differences	-15	-2	1	13	-4

CSM and risk adjustment by segment

H1 2023

€m

	CSM	▲ vs. 31.12.2022 (%)	Risk adjustment	▲ vs. 31.12.2022 (%)
Life and health reinsurance	10,516	−4.2%	3,155	8.6%
Property-casualty reinsurance	36	—	312	−8.1%
ERGO L/H Germany	10,706	2.5%	552	−4.7%
ERGO P-C Germany	381	2.5%	81	22.9%
ERGO International	3,179	−1.4%	181	−13.7%
Total	24,817	−0.8%	4,282	4.4%

Loss component by segment

H1 2023

€m

	Loss component	▲ vs. 31.12.2022 (%)
Life and health reinsurance	188	−1.1%
Property-casualty reinsurance	404	−25.4%
ERGO L/H Germany	26	−0.7%
ERGO P-C Germany	246	−17.8%
ERGO International	299	−6.4%
Total	1,163	−15.5%

Return on equity

Q2 2023

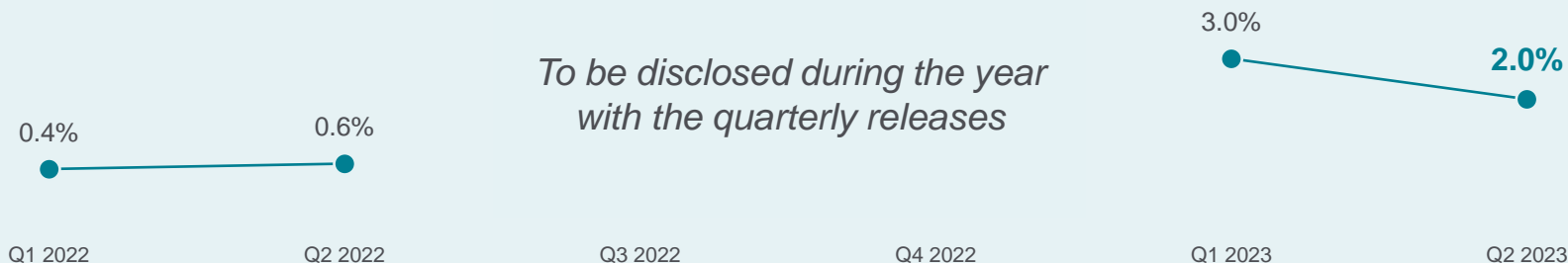
€m

	Reinsurance			ERGO			Munich Re Group		
	30.6.2023	31.3.2023	31.12.2022	30.6.2023	31.3.2023	31.12.2022	30.6.2023	31.3.2023	31.12.2022
Adjusted equity	23,867	24,543	22,743	5,342	5,889	5,524	29,210	30,433	28,267
Q2 2023 average adjusted equity	24,205			5,616			29,821		
Q2 2023 net result	904			250			1,154		
Q2 2023 RoE	14.9%			17.8%			15.5%		
H1 2023 average adjusted equity	23,305			5,433			28,738		
H1 2023 net result	1,955			470			2,425		
H1 2023 RoE	16.8%			17.3%			16.9%		

Return on investment by asset class and segment

Q2 2023

% ¹	Regular income	Write-ups/-downs change in ECL	Disposal result	Fair value change	Other inc./exp.	RoI	Market value (€m)
Fixed income	3.0	0.0	-0.7	-0.2	0.0	2.1	173,024
Equities	5.0	0.0	0.0	14.4	0.0	19.4	11,107
Affiliated/associated companies	0.6	0.0	6.4	-0.3	0.0	6.7	9,106
Real estate	4.6	-0.5	0.9	-1.2	-0.4	3.4	13,194
Derivatives	-0.5	0.0	0.0	-119.4	-2.2	-122.0	1,586
Other ²	-10.1	0.5	-6.9	-3.8	0.1	-6.6	7,667
Total	3.1	-0.1	-0.2	-0.5	-0.3	2.0	215,683
Reinsurance	3.2	-0.1	-0.2	0.0	-0.5	2.5	89,043
ERGO	3.0	-0.1	-0.2	-0.9	-0.2	1.7	126,639



Investment result – Reinsurance

Q2 2023

Life and health reinsurance

€m	Q2 2023	Return ¹	H1 2023	Return ¹	H1 2022	Return ¹
Regular income	174	3.3%	348	3.3%	311	2.6%
Write-ups/write-downs	2	0.0%	1	0.0%	-57	-0.5%
Change in expected credit loss (ECL)	0	0.0%	2	0.0%	0	0.0%
Disposal gains/losses	-48	-0.9%	-40	-0.4%	39	0.3%
Fair value change	-7	-0.1%	2	0.0%	-57	-0.5%
Other income/expenses	-19	-0.4%	-41	-0.4%	-45	-0.4%
Investment result	101	1.9%	272	2.6%	191	1.6%
Average market value		20,874		21,242		24,027

Property-casualty reinsurance

€m	Q2 2023	Return ¹	H1 2023	Return ¹	H1 2022	Return ¹
Regular income	568	3.3%	1,090	3.2%	870	2.6%
Write-ups/write-downs	-17	-0.1%	-42	-0.1%	-711	-2.1%
Change in expected credit loss (ECL)	-1	0.0%	6	0.0%	0	0.0%
Disposal gains/losses	-246	-1.4%	-55	-0.2%	491	1.4%
Fair value change	-59	-0.3%	6	0.0%	-707	-2.1%
Other income/expenses	-85	-0.5%	-168	-0.5%	-138	-0.4%
Investment result	160	0.9%	837	2.5%	-195	-0.6%
Average market value		68,752		67,801		68,141

Figures for H1 2022 based on IAS 39 including overlay, not fully comparable with IFRS 9.

¹ Annualised return on quarterly weighted investments (market values) in %.

Investment result – ERGO

Q2 2023

Life and Health Germany

€m	Q2 2023	Return ¹	H1 2023	Return ¹	H1 2022	Return ¹
Regular income	875	3.5%	1,657	3.3%	1,780	3.1%
Write-ups/write-downs	2	0.0%	1	0.0%	–957	–1.6%
Change in expected credit loss (ECL)	13	0.0%	–33	–0.1%	0	0.0%
Disposal gains/losses	–117	–0.5%	–146	–0.3%	1,064	1.8%
Fair value change	–535	–2.1%	–561	–1.1%	–1,369	–2.4%
Other income/expenses	–52	–0.2%	–105	–0.2%	–102	–0.2%
Investment result	186	0.7%	813	1.6%	417	0.7%
Average market value		101,329		101,249		116,407

Property-casualty Germany

€m	Q2 2023	Return ¹	H1 2023	Return ¹	H1 2022	Return ¹
Regular income	65	3.3%	116	3.0%	80	2.1%
Write-ups/write-downs	3	0.1%	2	0.0%	–66	–1.7%
Change in expected credit loss (ECL)	–1	–0.1%	0	0.0%	0	0.0%
Disposal gains/losses	–2	–0.1%	–3	–0.1%	44	1.2%
Fair value change	–8	–0.4%	2	0.0%	22	0.6%
Other income/expenses	–5	–0.3%	–11	–0.3%	–7	–0.2%
Investment result	51	2.6%	105	2.7%	73	1.9%
Average market value		7,810		7,677		7,604

Investment result – ERGO

Q2 2023

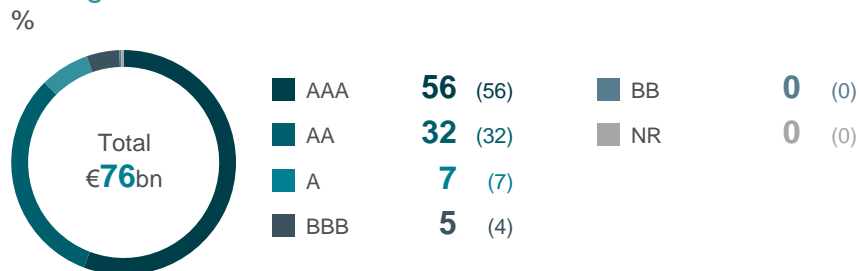
International

€m	Q2 2023	Return ¹	H1 2023	Return ¹	H1 2022	Return ¹
Regular income	81	1.8%	153	1.7%	126	1.3%
Write-ups/write-downs	0	0.0%	0	0.0%	–14	–0.1%
Change in expected credit loss (ECL)	0	0.0%	–2	0.0%	0	0.0%
Disposal gains/losses	17	0.4%	15	0.2%	24	0.2%
Fair value change	0	0.0%	16	0.2%	–46	–0.5%
Other income/expenses	0	0.0%	–2	0.0%	0	0.0%
Investment result	98	2.2%	181	2.0%	89	0.9%
Average market value			17,867	17,713		19,382

Investment portfolio (economic view)

Government/Semi-government bonds

Rating structure



Maturity structure



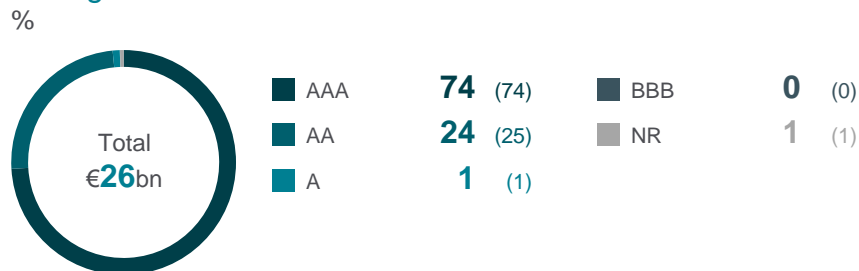
Regional breakdown

%	Without policyholder participation	With	Total	
			30.6.2023	31.12.2022
US	23	2	25	25
Germany	4	17	21	21
Canada	8	2	9	10
Australia	6	1	7	8
Supranationals	1	4	5	6
France	1	3	4	4
Spain	0	4	4	4
Belgium	0	3	3	3
UK	3	0	3	3
Austria	0	2	3	3
Netherlands	0	2	2	2
Italy	1	1	2	1
Ireland	0	1	1	1
Finland	0	1	1	1
Israel	1	1	1	1
Other	2	4	7	7
Total	51	49	100	100

Investment portfolio (economic view)

Covered bonds/Mortgage loans

Rating structure covered bonds



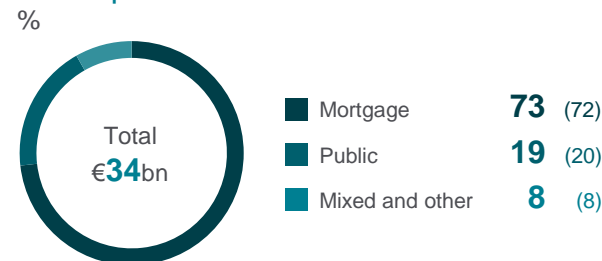
Maturity structure



Regional breakdown

%	30.6.2023	31.12.2022
Germany	46	45
France	16	16
UK	7	8
Netherlands	6	7
Norway	4	4
Sweden	3	3
Canada	3	2
Australia	2	2
Austria	2	2
Other	11	11

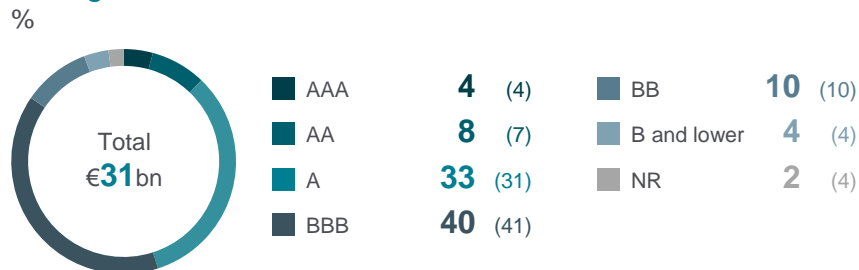
Cover pools



Investment portfolio (economic view)

Corporate bonds (including bank bonds)

Rating structure



Maturity structure



Sector breakdown

%	30.6.2023	31.12.2022
Banks	24	23
Utilities	11	10
Financial services	8	8
Industrial goods & services	7	7
Telecommunications	6	6
Healthcare	6	6
Oil & gas	6	7
Technology	4	4
Automobiles	3	3
Other	23	25

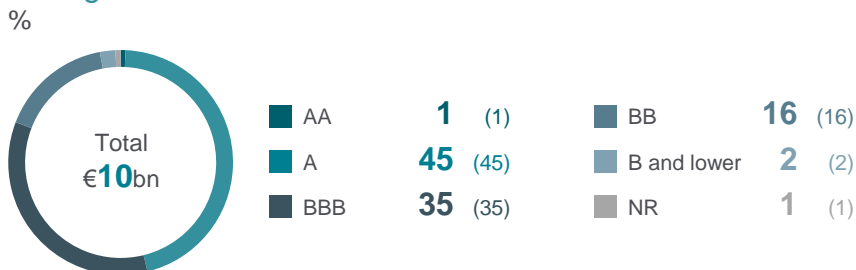
Regional breakdown

%	30.6.2023	31.12.2022
US	35	35
France	9	8
Netherlands	9	9
UK	8	8
Canada	7	7
Germany	6	8
Luxembourg	2	3
Ireland	2	3
Australia	2	1
Other	20	19

Investment portfolio (economic view)

Emerging markets government bonds

Rating structure



Maturity structure



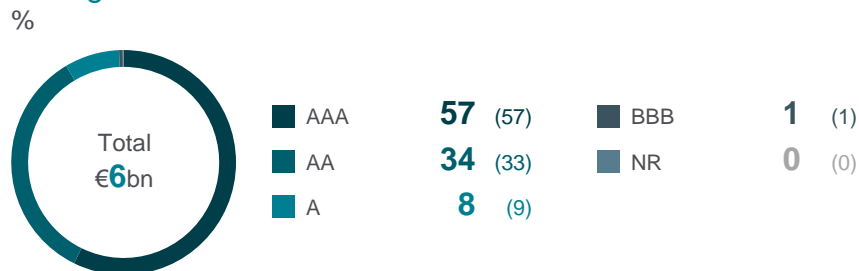
Regional breakdown

%	Without policyholder participation	With	Total	
			30.6.2023	31.12.2022
Poland	19	9	28	27
China	10	2	12	12
India	7	0	7	7
Mexico	3	3	5	5
Hungary	1	3	4	4
South Africa	3	1	4	5
Indonesia	2	2	4	5
Peru	1	2	3	3
Romania	1	2	3	3
Other	13	16	29	29
Total	59	41	100	100

Investment portfolio (economic view)

ABS/MBS

Rating structure



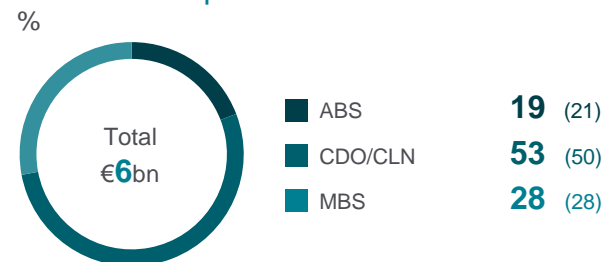
Maturity structure



Regional breakdown

%	30.6.2023	31.12.2022
Europe	52	50
US	34	36
ROW	14	15

Portfolio composition

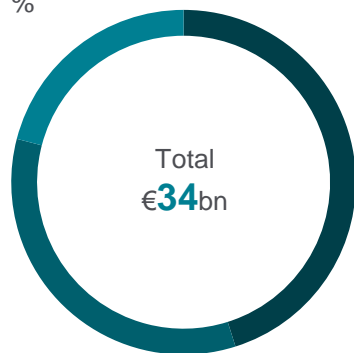


Investment portfolio (economic view)

Alternative investments

Alternative investments¹

%



Real estate	45	(49)
Illiquids equity	34	(31)
Illiquids debt	21	(20)

Real estate² – Regional breakdown (%)

	30.6.2023	31.12.2022
Germany	74	70
US	12	12
Netherlands	3	3
UK	2	2
Austria	2	1
Other	8	12

Illiquids equity (%)

Infrastructure and renewable	41	42
Private equity	41	44
Agricultural and forestry	17	13
Commodities	1	1
Hedge funds	0	0

Illiquids debt (%)

Infrastructure Debt	75	73
Private Credit	22	22
Other	3	5

1 Management view – not fully comparable with IFRS figures. Fair values as at 30.6.2023 (31.12.2022).

2 Incl. real estate for own use; total real estate portfolio: 23% residential and 77% commercial.

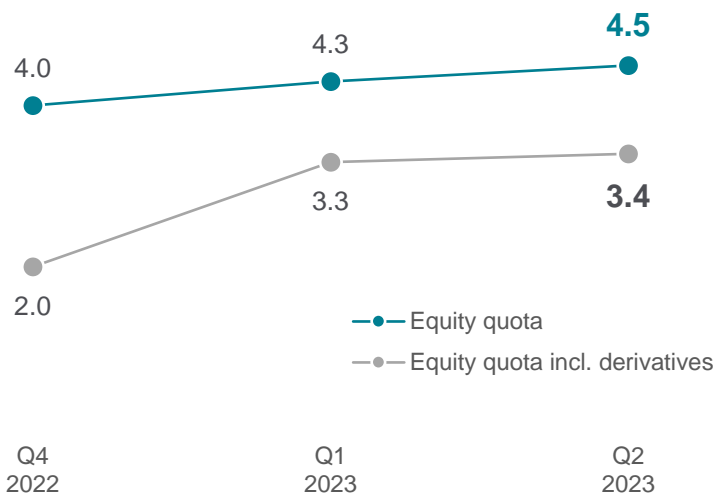
Investment portfolio (economic view)

Equities

Total Equities

€10bn

Equity quota



Regional breakdown (%)

	30.6.2023	31.12.2022
Germany	23	24
US	15	14
UK	15	15
Switzerland	11	11
France	7	8
Other	28	28

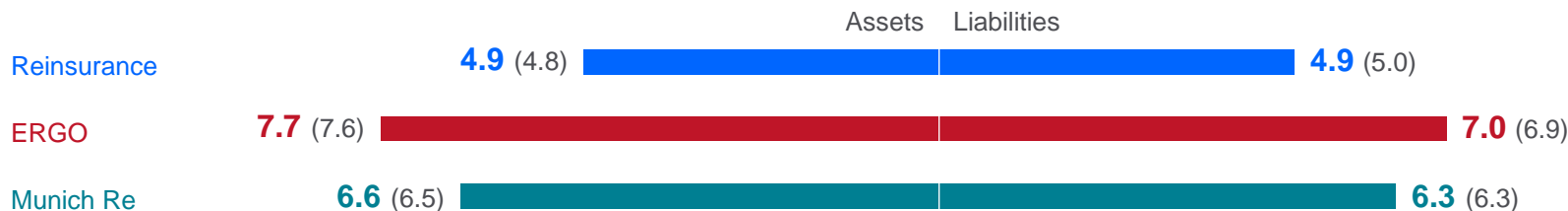
Sector breakdown (%)

	30.6.2023	31.12.2022
Industrial goods & services	13	11
Technology	12	10
Insurance	11	13
Healthcare	11	11
Financial services	8	8
Automobiles	5	4
Personal & household goods	5	5
Utilities	4	5
Banks	4	3
Other	26	30

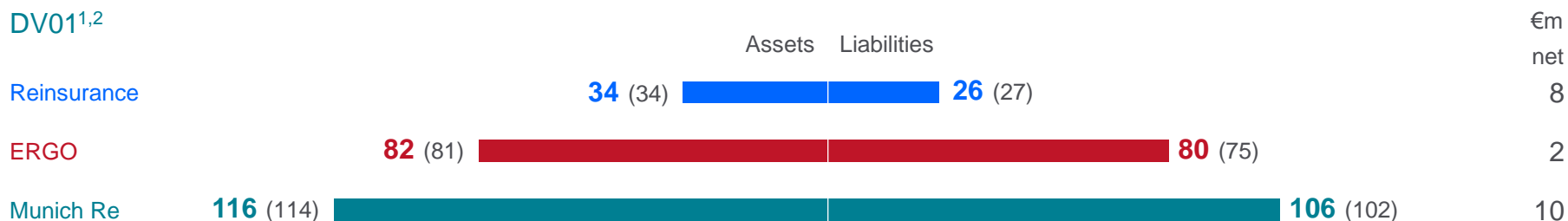
Duration investment portfolio

H1 2023

Portfolio duration¹



DV01^{1,2}

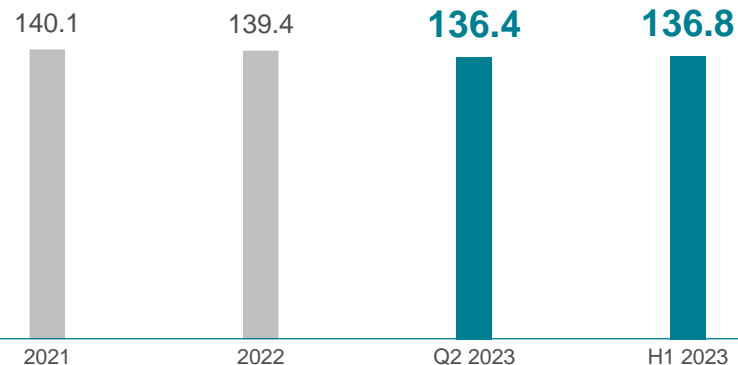


¹ Fair values as at 30.6.2023 (31.12.2022). ² Market-value change due to a parallel downward shift in yield curve by one basis point, considering the portfolio size of assets and liabilities (pre-tax). Negative net DV01 means rising interest rates are beneficial.

Changes to shares in circulation

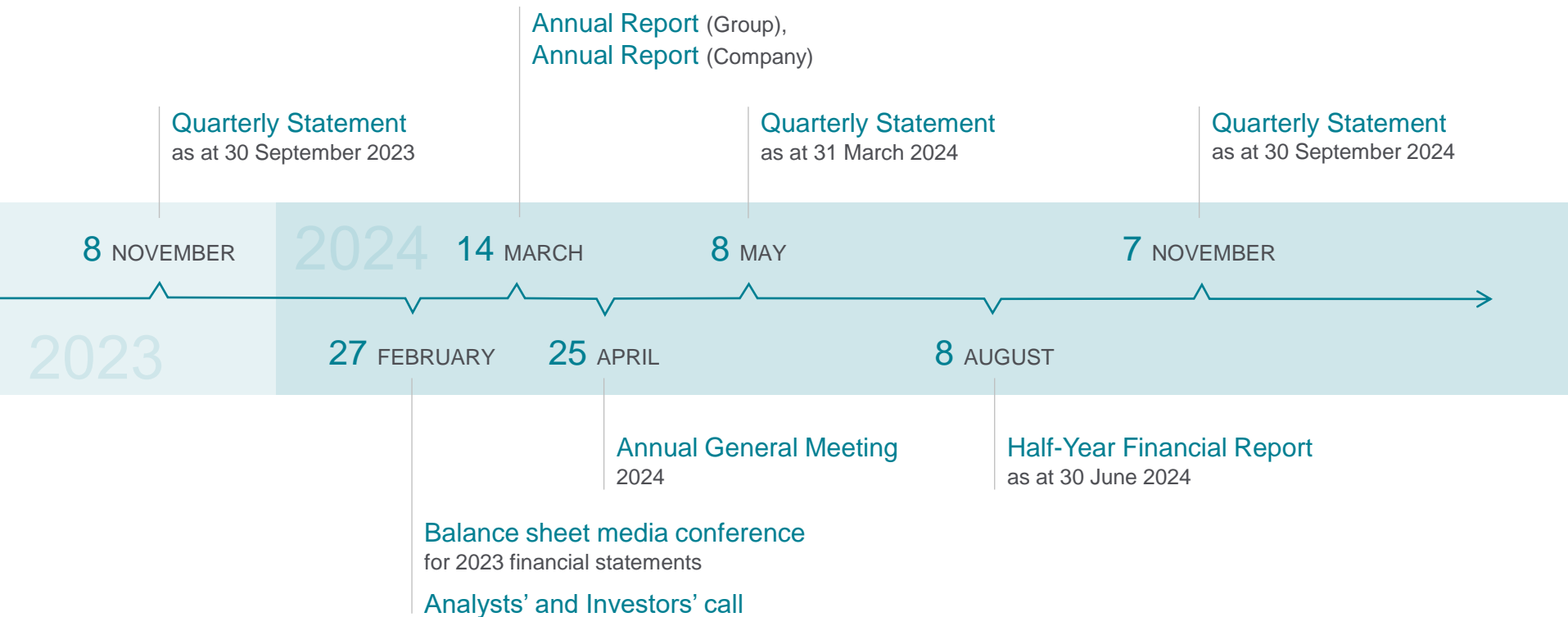
Shares (millions)	31.12. 2022	Acquisition of own shares in H1 2023	Retirement of own shares in H1 2023	30.6. 2023
Shares in circulation	137.6	−1.5	−	136.1
Treasury shares	2.5	1.5	−3.6	0.3
Total	140.1	−	−3.6	136.5

Weighted average number of shares in circulation (millions)



Financial calendar

2023/2024



For more information, please contact

Investor Relations team

Christian Becker-Hussong

Head of Investor & Rating Agency Relations

Tel.: +49 (89) 3891-3910

Email: cbecker-hussong@munichre.com

Thorsten Dzuba

Tel.: +49 (89) 3891-8030

Email: tdzuba@munichre.com

Christine Franziszi

Tel.: +49 (89) 3891-3875

Email: cfranziszi@munichre.com

Ralf Kleinschroth

Tel.: +49 (89) 3891-4559

Email: rkleinschroth@munichre.com

Andreas Silberhorn (rating agencies)

Tel.: +49 (89) 3891-3366

Email: asilberhorn@munichre.com

Ingrid Grunwald (ESG)

Tel.: +49 (89) 3891-3517

Email: igrunwald@munichre.com

Nadine Schog (ERGO)

Tel.: +49 (211) 477-8035

Email: nadine.schog@ergo.de

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