



Munich Re Group

# Quarterly Statement as at 30 September 2022

8 November 2022

Christoph Jurecka



# Quarterly Statement as at 30 September 2022

## Agenda

- |    |                        |
|----|------------------------|
| 01 | Munich Re              |
| 02 | ERGO                   |
| 03 | Reinsurance            |
| 04 | Outlook                |
| 05 | Additional information |

Munich Re

# Resilient result despite high major losses – Diversification between business segments and result drivers pays off

## Munich Re

Q3 2022 (9M 2022)

### Consolidated result

€527m (€1,903m)

**Reinsurance** (€81m): High major losses in P-C mainly driven by Hurricane Ian, strong technical result in L/H; low investment return (RoI: 0.0%) mitigated by high currency gains

**ERGO** (€446m): Positive one-off in L/H Germany, healthy underlying performance

### Return on investment<sup>1</sup>

1.6% (1.6%)

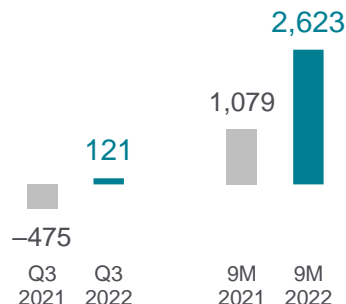
High currency gains of €846m (€1,348m) not included in investment result – reinvestment yield up to 3.0%

### Return on equity<sup>1</sup>

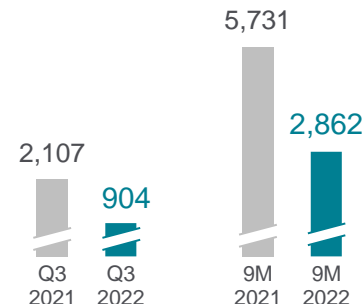
8.5% (10.3%)

Shareholders' equity: €21.4bn  
Solvency II ratio: 254%

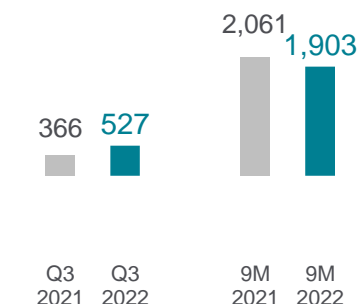
### Technical result €m



### Investment result €m



### Consolidated result €m



## Reinsurance

### Life and health

Technical result, incl. fee income: €293m (€552m), incl. COVID-19-related losses of €35m (€323m) – consolidated result of €424m (€492m)

### Property-casualty

Combined ratio: 108.2% (96.9%) – Major-loss ratio: 26.9% (15.1%), thereof Hurricane Ian 18.9% (6.9%); reserve releases<sup>2</sup>: -4.0% (-4.0%) – consolidated result of -€343m (€708m)

## ERGO

### Life and Health Germany

RoI: 3.3% (3.0%) – consolidated result of €344m (€448m), incl. positive one-off from updated IFRS profit-sharing assumptions of ~€200m

### Property-casualty Germany

C/R: 87.2% (90.3%) – consolidated result of €67m (€123m)

### International

C/R: 93.8% (93.6%) – consolidated result of €35m (€131m)

# Capital position

## Equity

€m

Equity 31.12.2021	30,945		Change in Q3
Consolidated result	1,903		527
Changes			
Dividend	-1,541		0
Unrealised gains/losses	-12,355		-3,273
Exchange rates	2,108		851
Share buy-backs	-317		-248
Other	673		74
Equity 30.9.2022	21,417		-2,069

## Unrealised gains/losses

Fixed-interest securities

9M: -€11,629m Q3: -€3,353m

Non-fixed-interest securities

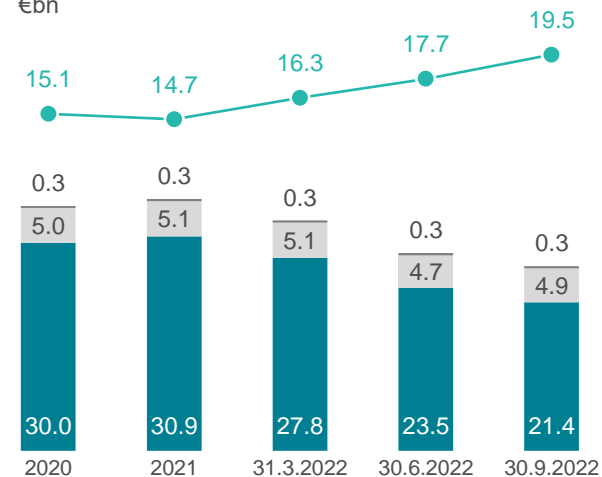
9M: -€713m Q3: €88m

## Exchange rates

Mainly driven by US\$

## Capitalisation

€bn

—●— Debt leverage<sup>1</sup> (%)

■ Senior debt

■ Subordinated debt

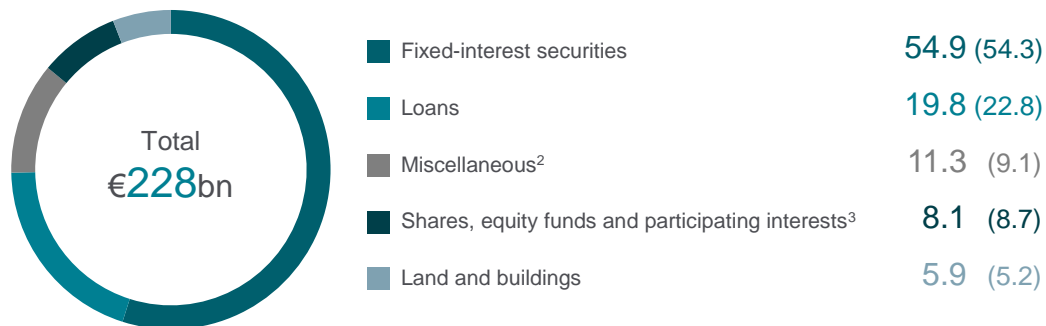
■ Equity

1 Strategic debt (bonds and subordinated debt) divided by total capital (strategic debt + equity).

# Investment portfolio

## Investment portfolio<sup>1</sup>

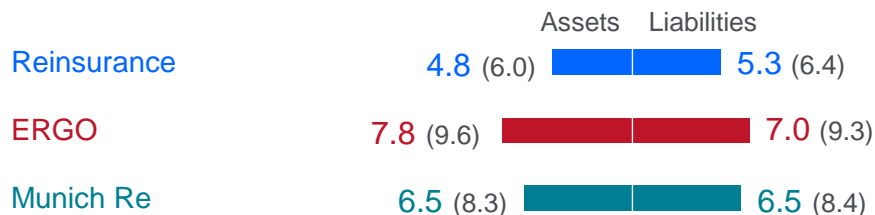
%



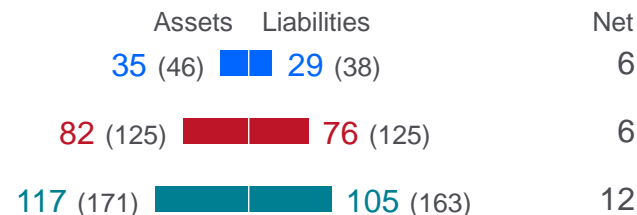
## Portfolio management

- Further increase in illiquid assets
- Reduction of equity quota driven by market development and disposals
- Decrease of duration due to higher interest rates
- Reinvestment yield increased to ~3.0% benefiting from increased interest rates and higher credit spreads

## Portfolio duration<sup>1</sup>



## DV01<sup>1,4</sup>



<sup>1</sup> Fair values as at 30.9.2022 (31.12.2021). <sup>2</sup> Deposits retained on assumed reinsurance, deposits with banks, investment funds (excl. equities), derivatives and investments in renewable energies and gold. <sup>3</sup> Incl. derivatives: 6.6% (7.7%). <sup>4</sup> 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.

# Investment result

€m	Q3 2022	Return <sup>1</sup>	9M 2022	Return <sup>1</sup>	9M 2021	Return <sup>1</sup>
Regular income	1,596	2.8%	4,853	2.7%	4,580	2.4%
Write-ups/write-downs	–914	–1.6%	–2,944	–1.6%	–416	–0.2%
Disposal gains/losses	747	1.3%	2,433	1.3%	2,491	1.3%
Derivatives <sup>2</sup>	–319	–0.6%	–881	–0.5%	–397	–0.2%
Other income/expenses	–206	–0.4%	–600	–0.3%	–527	–0.3%
<b>Investment result</b>	<b>904</b>	<b>1.6%</b>	<b>2,862</b>	<b>1.6%</b>	<b>5,731</b>	<b>3.0%</b>
<b>Total return</b>		<b>–15.0%</b>		<b>–20.0%</b>		<b>–0.9%</b>

Three-month reinvestment yield		Q3 2022	Write-ups/ write-downs	Disposal gains/losses	Derivatives	9M 2022	Write-ups/ write-downs	Disposal gains/losses	Derivatives
Q3 2022	3.0%	Fixed income	–122	284	–180	Fixed income	–844	842	–1,283
Q2 2022	2.8%	Equities	–665	444	26	Equities	–1,704	1,472	341
Q1 2022	2.1%	Commodities/Inflation	–0	0	–121	Commodities/Inflation	–0	55	–93
		Other	–128	19	–44	Other	–395	64	154

ERGO

# ERGO Life and Health Germany

## Key messages

- Significant growth driven by travel and new life book
- Improved technical result in Q3 and positive FX result
- Segment net result additionally driven by a positive one-off effect of ~€200m from updated IFRS profit-sharing assumptions in life

## Gross premiums written

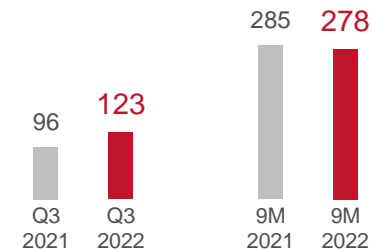
€m



- **Life** (+€31m): Continued growth in new life book from biometric and capital-light products
- **Health** (+€411m): Recovery of travel market and increase in health insurance
- **Digital Ventures** (+€24m): Growth mainly due to health business (dental cover)

## Technical result

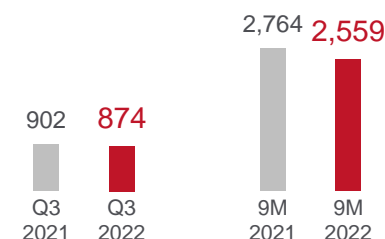
€m



- Q3: Improvement mainly driven by health business, mitigated by normalisation of claims in travel
- Q3: Life in line with expectation

## Investment result

€m



- Q3: Higher impairments in excess of improvements in derivatives and disposal result, higher regular income
- Q3: Return on investment of 3.3%

# ERGO Property-casualty Germany

## Key messages

- Premium growth in almost all lines of business, significantly above prior-year period and above market expectations
- Strong improvement in technical result
- Low investment result

## Gross premiums written

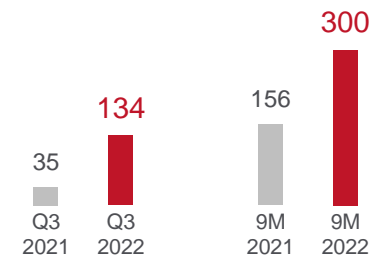
€m



- Strong organic growth mainly driven by fire/property (+€56m), liability (+€49m), marine (+€44m), motor (+€16m) and other (+€69m)

## Technical result

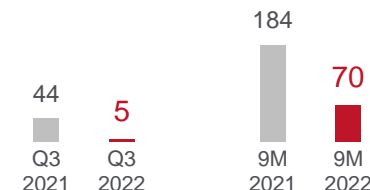
€m



- Combined ratio (CR) of 90.3% (94.1%) for 9M
- CR of 87.2% (95.6%) for Q3; significant improvement driven by:
  - Good basic-loss development and major losses below expectations
  - Continued high premium growth and lower expense ratio

## Investment result

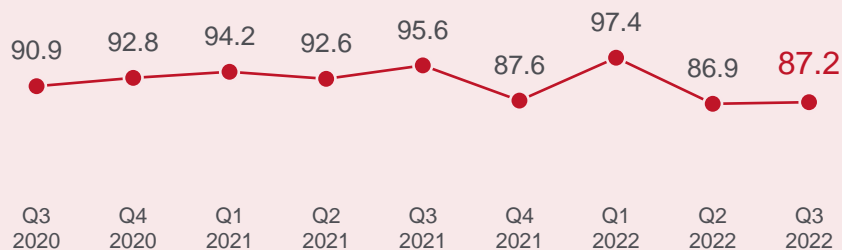
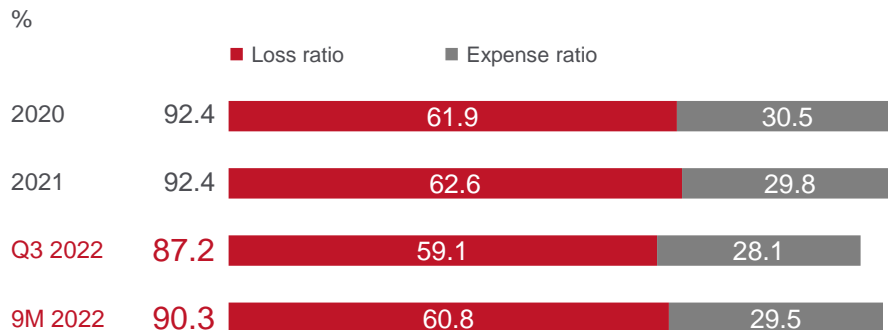
€m



- Q3: Higher equity impairments and lower disposal result
- Q3: Return on investment of 0.3%

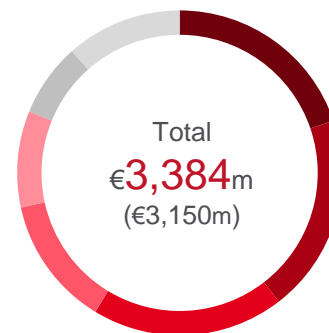
# ERGO Property-casualty Germany

## Combined ratio



## Gross premiums written in 9M 2022 (9M 2021)

€m



Fire/property	670 (614)	Legal protection	325 (321)
Liability	669 (621)	Marine	247 (203)
Motor	647 (630)	Other	390 (321)
Personal accident	437 (440)		

## Key messages

- Continued premium growth despite divestments
- Improvement in technical result
- Lower investment result

## Gross premiums written

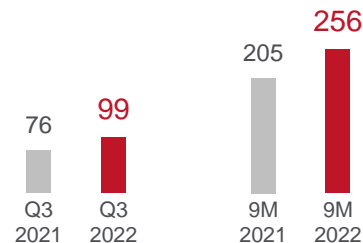
€m

9M 2021		3,839
Foreign exchange		-30
Divestments/Investments		-118
Organic change		174
9M 2022		3,864

- **Life** (–€25m): Lower premiums due to decrease in Austria and run-down in Belgium
- **Health** (–€1m): Positive business development in Belgium and Spain almost compensated for one-off from sale of a Spanish subsidiary
- **P-C** (+€52m): Increase mainly driven by growth in the Baltic states, Poland and Austria

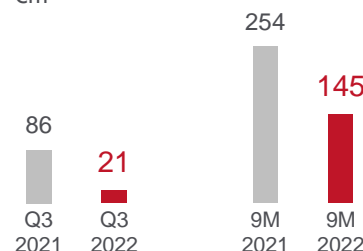
## Technical result

€m



## Investment result

€m

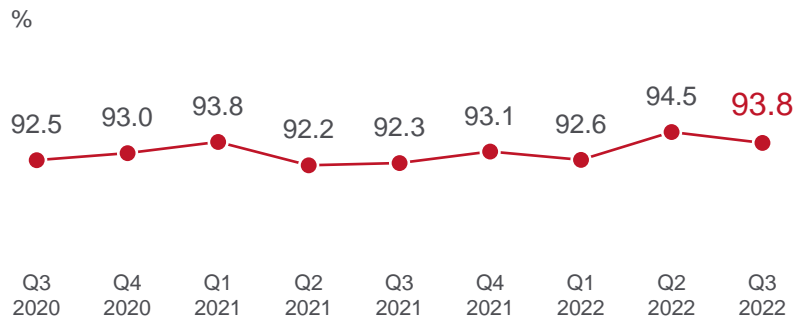


- Higher-than-expected combined ratio (CR) of 93.6% (92.8%) for 9M, driven by Poland and health business in Spain
- Higher CR of 93.8% (92.3%) for Q3 due to:
  - Health business in Spain (lower positive seasonality effect) and higher expenses in legal protection ...
  - ... partially offset by the Baltic states, Poland and Austria
- Q3: Improved results in Belgian life and health business

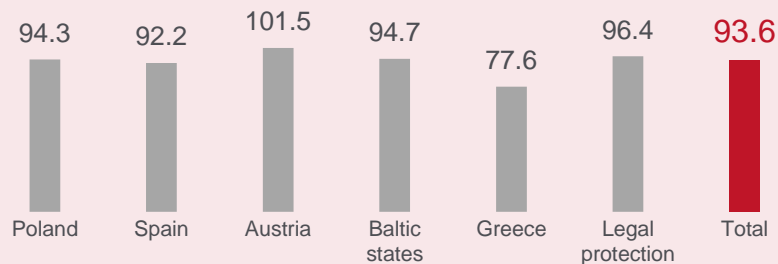
- Q3: Higher equity impairments and lower disposal result
- Q3: Return on investment of 0.5%

# ERGO International

## Combined ratio



## 9M 2022



## Gross written premiums in 9M 2022 (9M 2021)

€m



## P-C

Thereof:

	9M 2022	9M 2021
Poland	1,233	1,218
Legal protection	551	538
Greece	185	183
Baltic states	165	149
Austria	98	88

## Life

Thereof:

	9M 2022	9M 2021
Austria	219	228
Belgium	92	97

## Health

Thereof:

	9M 2022	9M 2021
Spain	672	692
Belgium	506	487

# Reinsurance

# Life and health reinsurance

## Key messages

- Strong technical result including fee income of €293m in Q3 (9M: €552m)
- Favourable claims experience, positive effects from interest rates and continuing strong fee income, declining COVID-19 losses
- Lower return on investment

## Gross premiums written

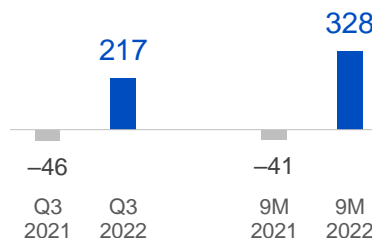
€m

9M 2021		9,365
Foreign exchange		566
Divestments/Investments		0
Organic change		196
9M 2022		10,128

- Positive FX effects mainly driven by US\$ and Can\$
- Organic growth particularly in Asia and the US, partially offset by termination and restructuring of treaties in Europe

## Technical result

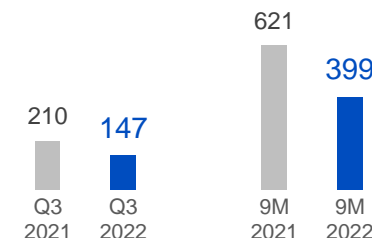
€m



- Q3/9M: Apart from COVID-19, favourable claims experience
- Ongoing strong fee income of €76m in Q3
- Q3/9M: Positive impact from higher interest rates on claims reserves (Q3: €31m; 9M: €94m)
- COVID-19-related losses of €35m in Q3 (9M: €323m)

## Investment result

€m



- Q3/9M: Losses on derivatives and write-downs of equities
- 9M: Write-downs related to Russia/Ukraine, disposal gains on equities
- RoI: Q3 2.1%, 9M 1.9%

# Property-casualty reinsurance

## Key messages

- Strong premium growth of 22.1%
- Substantial major-loss burden from Hurricane Ian
- Expense ratio benefits from lower expenses and premium growth
- Negative investment return mitigated by high FX result

## Gross premiums written

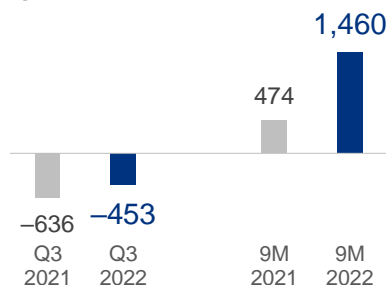
€m

9M 2021		21,483
Foreign exchange		1,939
Divestments/Investments		0
Organic change		2,808
9M 2022		26,230

- Positive FX effects mainly driven by US\$
- Strong organic growth across nearly all lines of business
- Risk Solutions: Substantial growth across all units
- Core reinsurance: Increase from new business as well as benefits from primary rate increases in proportional business and improved pricing in non-proportional business

## Technical result

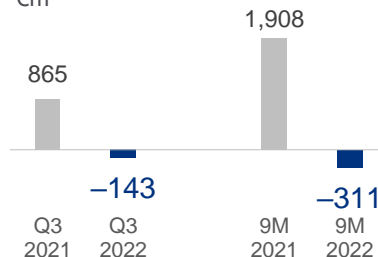
€m



- Q3: Above-average major losses, dominated by Hurricane Ian with €1.6bn
- Q3/9M: Expenditure of €60m in Q3 related to war in Ukraine (9M: ~€260m)
- Q3/9M: Underlying performance remains sound – normalised combined ratio of 94.3% (9M: 94.7%)

## Investment result

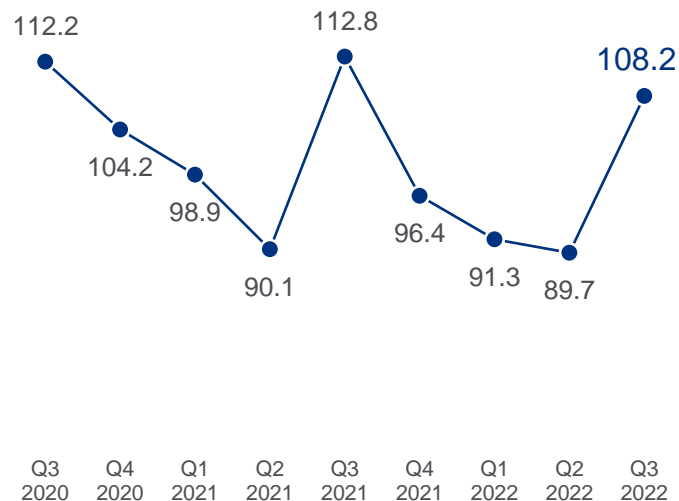
€m



- Q3/9M: Losses on derivatives, equity impairments and write-downs related to Russia/Ukraine
- Disposal gains on equities (Q3/9M) and inflation-linked bonds (9M)
- RoI: Q3 -0.8%, 9M -0.6%

# Property-casualty reinsurance

## Combined ratio



%

		Basic losses	Major losses	Expenses
2020	105.6	53.9	20.8	30.9
2021	99.6	52.2	16.5	30.9
Q3 2022	108.2	53.6	26.9	27.7
9M 2022	96.9	53.3	15.1	28.6

	Major losses <sup>1</sup>	Nat cat <sup>1</sup>	Man-made <sup>1</sup>	Reserve releases <sup>2</sup>	Normalised combined ratio <sup>3</sup>
Q3 2022	26.9	21.2	5.7	−4.0	94.3
9M 2022	15.1	10.9	4.2	−4.0	94.7
Ø Annual expectation	~ 13.0	~ 8.5	~ 4.5	−4.0	

1 Absolute figures Q3/9M: Major losses €2,316m/€3,558m, nat cat €1,827m/€2,561m, man-made €489m/€997m.

2 Basic losses in prior years, already adjusted for directly corresponding sliding-scale and profit-commission effects. Absolute figures Q3/9M: −€344m/−€943m.

3 Based on reserve releases of 4 pps.; adjusted for an adverse one-off commission effect from Q2 (corresponding to −0.1 pps. in 9M) and for additional expenditure including reinstatement premiums related to the war in Ukraine from Q1 (corresponding to −0.1 pps. in 9M).

# Outlook

# Outlook 2022

On the way to achieving our Group Ambition 2025

## Group

Gross premiums written  
~ **€67bn**  
(prev. ~ €64bn)

Net result  
~ **€3.3bn**

Return on investment  
**>2.0%**

## ERGO

Gross premiums written  
~ **€19bn**  
(prev. ~ €18.5bn)

Net result  
~ **€0.8bn**  
(prev. ~ €0.6bn)

Combined ratio  
P-C Germany  
~ **91%**

International  
~ **94%**  
(prev. ~ 92%)

## Reinsurance

Gross premiums written  
~ **€48bn**  
(prev. ~ €45bn)

Net result  
~ **€2.5bn<sup>1</sup>**  
(prev. ~ €2.7bn)

Combined ratio  
P-C  
~ **97%**  
(prev. ~ 94%)

Technical result, incl. fee  
income in life and health  
~ **€800m<sup>1</sup>**  
(prev. ~ €400m)

<sup>1</sup> Including COVID-19 impact of up to ~€400m (before tax) in L/H reinsurance (previously ~€300m).

# Additional information

# Segment income statement Q3 2022

€m	L/H <sup>1</sup> reinsurance	P-C reinsurance	ERGO L/H Germany	ERGO P-C Germany	ERGO International	Total Q3 2022
Gross premiums written	3,472	10,240	2,407	869	1,239	18,228
Net earned premiums	3,202	8,615	2,403	1,015	1,216	16,451
Income from technical interest	179	256	564	10	-45	964
Net expenses for claims and benefits	-2,644	-6,935	-2,470	-606	-738	-13,393
Net operating expenses	-520	-2,388	-373	-285	-334	-3,901
Technical result	217	-453	123	134	99	121
Investment result	147	-143	874	5	21	904
Insurance-related investment result	48	24	-161	0	-79	-167
Other operating result	7	-100	-70	-40	-36	-239
Deduction of income from technical interest	-179	-256	-564	-10	45	-964
Non-technical result	24	-475	79	-45	-49	-467
Operating result	241	-928	202	89	50	-346
Other non-operating result	-1	3	-4	-3	1	-5
Currency result	109	383	329	22	4	846
Net finance costs	-6	-30	3	-2	-9	-44
Taxes on income	82	229	-185	-40	-10	76
Consolidated result	424	-343	344	67	35	527
Tax rate	-23.9%	40.0%	34.9%	37.4%	22.2%	-16.8%

1 Technical result incl. fee income: €293m.

# Segment income statement 9M 2022

€m	L/H <sup>1</sup> reinsurance	P-C reinsurance	ERGO L/H Germany	ERGO P-C Germany	ERGO International	Total 9M 2022
Gross premiums written	10,128	26,230	7,303	3,384	3,864	50,910
Net earned premiums	9,260	23,599	7,205	2,951	3,612	46,627
Income from technical interest	515	747	1,396	32	-344	2,345
Net expenses for claims and benefits	-7,968	-16,135	-7,142	-1,811	-1,993	-35,050
Net operating expenses	-1,479	-6,751	-1,180	-872	-1,019	-11,300
Technical result	328	1,460	278	300	256	2,623
Investment result	399	-311	2,559	70	145	2,862
Insurance-related investment result	102	112	-1,028	0	-479	-1,293
Other operating result	73	-300	-230	-123	-71	-650
Deduction of income from technical interest	-515	-747	-1,396	-32	344	-2,345
Non-technical result	59	-1,245	-94	-85	-61	-1,426
Operating result	387	215	184	215	196	1,197
Other non-operating result	-5	-6	-12	-8	3	-29
Currency result	176	624	530	12	5	1,348
Net finance costs	-21	-98	9	-3	-25	-137
Taxes on income	-45	-27	-263	-93	-47	-476
Consolidated result	492	708	448	123	131	1,903
Tax rate	8.4%	3.7%	37.0%	43.1%	26.4%	20.0%

1 Technical result incl. fee income: €552m.

# Actual vs. analysts' consensus

## Operating result – Actual vs. analysts' consensus<sup>1</sup>

€m

	Q3 2022	Consensus	Delta
Property-casualty reinsurance	–928	–853	–75
Life and health reinsurance	241	171	70
ERGO Life and Health Germany	202	15	187
ERGO Property-casualty Germany	89	90	–1
ERGO International	50	64	–14
Operating result	–346	–513	167

FX	846		
Other	–49		
Taxes	76		
Consolidated result	527	–167	694

## KPIs – Actual vs. analysts' consensus<sup>1</sup>

€m

	Q3 2022	Consensus	Impact <sup>2</sup>
Combined ratio	108.2	113.2	431
Tech. result, incl. fee income	293	178	115
Updated profit-sharing assumptions outweigh policyholder participation in FX gains			
Combined ratio	87.2	90.8	36
Combined ratio	93.8	94.0	2

## Segment RoI

%

Q3 2022

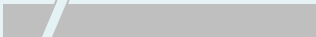
Property-casualty reinsurance	–0.8
Life and health reinsurance	2.1
ERGO Life and Health Germany	3.3
ERGO Property-casualty Germany	0.3
ERGO International	0.5


<sup>1</sup> Simple average of estimates the Munich Re Investor Relations team has gathered from analysts covering Munich Re, not taking into account any external data providers. <sup>2</sup> For combined ratios: Delta between actual and consensus times net earned premiums.


# Premium development


## Gross premiums written

€m

9M 2021  44,673

Foreign exchange  2,493

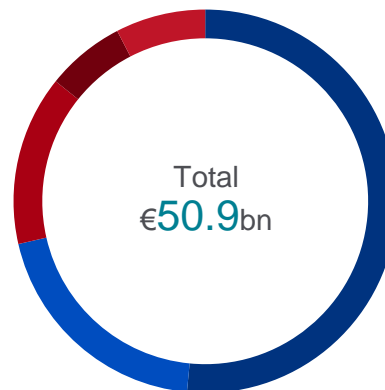
Divestments/  
investments  -118

Organic change  3,862

9M 2022  50,910

## Segmental breakdown

€m

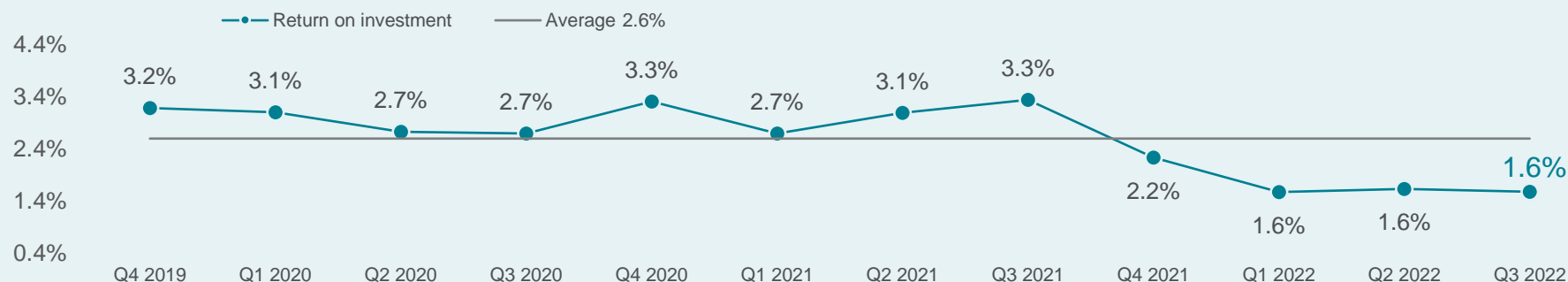


Property-casualty reinsurance	26,230	(52%)	(▲ 22.1%)
Life and health reinsurance	10,128	(20%)	(▲ 8.1%)
ERGO Life and Health Germany	7,303	(14%)	(▲ 6.8%)
ERGO Property-casualty Germany	3,384	(7%)	(▲ 7.5%)
ERGO International	3,864	(8%)	(▲ 0.7%)

## Return on investment by asset class and segment

9M 2022

% <sup>1</sup>	Regular income	Write-ups/-downs	Disposal result	Extraord. derivatives result	Other inc./exp.	Rol	Market value (€m)
Afs fixed-income	2.1	−0.8	0.3	0.0	0.0	1.6	128,929
Afs non-fixed-income	5.0	−10.0	8.6	0.0	0.0	3.7	22,824
Derivatives	3.8	0.0	0.0	−55.3	−2.6	−54.2	2,123
Loans	2.9	−0.3	1.5	0.0	0.0	4.2	51,524
Real estate	4.4	−1.2	0.6	0.0	0.0	3.9	13,336
Other <sup>2</sup>	2.2	−1.7	0.4	0.0	−3.4	−2.5	21,913
<b>Total</b>	<b>2.7</b>	<b>−1.6</b>	<b>1.3</b>	<b>−0.5</b>	<b>−0.3</b>	<b>1.6</b>	<b>240,649</b>
Reinsurance	2.5	−1.5	0.8	−1.3	−0.4	0.1	101,298
ERGO	2.8	−1.7	1.8	0.1	−0.3	2.7	139,351



# Investment result – Reinsurance

## Life and health reinsurance

€m	Q3 2022	Return <sup>1</sup>	9M 2022	Return <sup>1</sup>	9M 2021	Return <sup>1</sup>
Regular income	198	2.9%	570	2.7%	517	2.3%
Write-ups/write-downs	–19	–0.3%	–93	–0.4%	–5	0.0%
Disposal gains/losses	9	0.1%	48	0.2%	156	0.7%
Derivatives <sup>2</sup>	–21	–0.3%	–62	–0.3%	11	0.0%
Other income/expenses	–19	–0.3%	–64	–0.3%	–58	–0.3%
<b>Investment result</b>	<b>147</b>	<b>2.1%</b>	<b>399</b>	<b>1.9%</b>	<b>621</b>	<b>2.8%</b>
Average market value		27,716		28,664		29,482

## Property-casualty reinsurance

€m	Q3 2022	Return <sup>1</sup>	9M 2022	Return <sup>1</sup>	9M 2021	Return <sup>1</sup>
Regular income	462	2.6%	1,360	2.5%	1,167	2.3%
Write-ups/write-downs	–289	–1.6%	–1,075	–2.0%	–179	–0.4%
Disposal gains/losses	63	0.4%	549	1.0%	970	1.9%
Derivatives <sup>2</sup>	–293	–1.6%	–920	–1.7%	131	0.3%
Other income/expenses	–87	–0.5%	–225	–0.4%	–181	–0.4%
<b>Investment result</b>	<b>–143</b>	<b>–0.8%</b>	<b>–311</b>	<b>–0.6%</b>	<b>1,908</b>	<b>3.8%</b>
Average market value		72,025		72,634		67,713

# Investment result – ERGO

## Life and Health Germany

€m	Q3 2022	Return <sup>1</sup>	9M 2022	Return <sup>1</sup>	9M 2021	Return <sup>1</sup>
Regular income	826	3.1%	2,606	3.1%	2,540	2.7%
Write-ups/write-downs	−535	−2.0%	−1,608	−1.9%	−228	−0.2%
Disposal gains/losses	678	2.6%	1,753	2.1%	1,205	1.3%
Derivatives <sup>2</sup>	−5	0.0%	89	0.1%	−491	−0.5%
Other income/expenses	−90	−0.3%	−281	−0.3%	−262	−0.3%
<b>Investment result</b>	<b>874</b>	<b>3.3%</b>	<b>2,559</b>	<b>3.0%</b>	<b>2,764</b>	<b>2.9%</b>
Average market value		105,121		113,002		126,149

## Property-casualty Germany

€m	Q3 2022	Return <sup>1</sup>	9M 2022	Return <sup>1</sup>	9M 2021	Return <sup>1</sup>
Regular income	45	2.5%	126	2.2%	151	2.6%
Write-ups/write-downs	−40	−2.2%	−114	−2.0%	−20	−0.3%
Disposal gains/losses	0	0.0%	43	0.8%	70	1.2%
Derivatives <sup>2</sup>	6	0.3%	34	0.6%	−5	−0.1%
Other income/expenses	−6	−0.3%	−18	−0.3%	−12	−0.2%
<b>Investment result</b>	<b>5</b>	<b>0.3%</b>	<b>70</b>	<b>1.2%</b>	<b>184</b>	<b>3.2%</b>
Average market value		7,317		7,533		7,716

# Investment result – ERGO

## International

€m	Q3 2022	Return <sup>1</sup>	9M 2022	Return <sup>1</sup>	9M 2021	Return <sup>1</sup>
Regular income	65	1.5%	192	1.4%	205	1.4%
Write-ups/write-downs	−30	−0.7%	−53	−0.4%	16	0.1%
Disposal gains/losses	−3	−0.1%	41	0.3%	90	0.6%
Derivatives <sup>2</sup>	−7	−0.2%	−23	−0.2%	−42	−0.3%
Other income/expenses	−4	−0.1%	−12	−0.1%	−14	−0.1%
<b>Investment result</b>	<b>21</b>	<b>0.5%</b>	<b>145</b>	<b>1.0%</b>	<b>254</b>	<b>1.7%</b>
Average market value		17,445		18,816		20,183

# Sensitivities to interest rates, spreads and equities<sup>1</sup>

## Sensitivity to risk-free interest in €bn (change in basis points)

	–50bps	–25bps	+50bps	+100bps
Change in market value, gross	+6.0	+2.9	–5.5	–10.5
Change in on-balance-sheet reserves, net	+1.9	+0.9	–1.8	–3.4
Change in off-balance-sheet reserves, net	+0.3	+0.1	–0.2	–0.4
P&L (investment result), gross	+0.0	+0.0	–0.0	–0.0
P&L, net	–0.0	–0.0	+0.0	+0.0

## Sensitivity to spreads<sup>2</sup> in €bn (change in basis points)

		+50bps	+100bps
Change in market value, gross		–3.6	–6.9
Change in on-balance-sheet reserves, net		–1.0	–1.9
Change in off-balance-sheet reserves, net		–0.2	–0.3
P&L (investment result), gross		+0.0	+0.1
P&L, net		+0.1	+0.1

## Sensitivity to share prices<sup>3</sup> in €bn (change in %)

	–30%	–10%	+10%	+30%
Change in market value, gross	–1.6	–0.7	+0.9	+2.8
Change in on-balance-sheet reserves, net	–0.0	+0.1	+0.4	+1.2
P&L (investment result), gross	–1.8	–1.0	–0.2	–0.3
P&L, net	–1.0	–0.5	–0.0	–0.0

<sup>1</sup> Rough calculation with limited reliability assuming unchanged portfolio as at 30.9.2022. After rough estimation of policyholder participation and deferred tax; linearity of relations cannot be assumed. Approximation – not fully comparable with IFRS figures. <sup>2</sup> Sensitivities to changes in spreads are calculated for every category of fixed-income portfolio, except government securities with AAA ratings. <sup>3</sup> Sensitivities to change in share prices are calculated for listed shares only; assumptions: equity impairments as soon as market value drops below acquisition cost and best-estimate calculation of hedging impact.

# On- and off-balance-sheet reserves

€m	31.12. 2021	31.3. 2022	30.6. 2022	30.9. 2022	▲ in Q3
Market value of investments	257,485	245,860	230,951	228,298	–2,653
Total reserves	30,357	16,209	935	–8,597	–9,532
On-balance-sheet reserves					
Fixed-interest securities	8,078	–604	–10,091	–16,037	–5,947
Non-fixed-interest securities	4,888	4,059	3,158	2,759	–399
Other on-balance-sheet reserves <sup>1</sup>	205	202	191	196	5
Subtotal	13,172	3,657	–6,742	–13,082	–6,340
Off-balance-sheet reserves					
Real estate <sup>2</sup>	6,291	6,309	6,204	6,057	–147
Loans <sup>3</sup>	8,270	3,685	–1,115	–4,109	–2,994
Associates	2,624	2,559	2,587	2,537	–50
Subtotal	17,185	12,552	7,677	4,485	–3,191
Reserve ratio	11.8%	6.6%	0.4%	–3.8%	–4.2 pps.

1 Unrealised gains/losses from unconsolidated affiliated companies, valuation at equity and cash-flow hedging.

2 Excluding reserves from owner-occupied property. 3 Excluding insurance-related loans.

# On- and off-balance-sheet reserves

€m

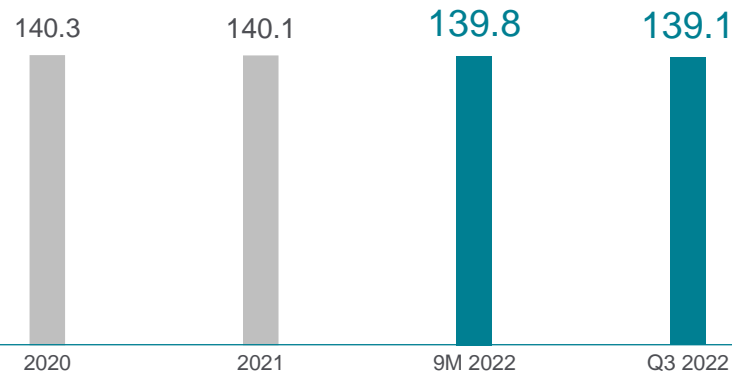
	On-balance-sheet reserves		Off-balance-sheet reserves <sup>1</sup>	
	30.9. 2022	31.12. 2021	30.9. 2022	31.12. 2021
Total reserves (gross)	−13,082	13,172	4,485	17,185
Provision for deferred premium refunds	4,648	−5,409	1,188	−8,115
Deferred tax	1,999	−1,848	−1,448	−2,496
Minority interests	2	−10		
Consolidation and currency effects	−152	−127		
Shareholders' stake	−6,585	5,778	4,226	6,574

<sup>1</sup> Excluding reserves for owner-occupied property and insurance-related loans.

# Changes to shares in circulation

Shares (millions)	31.12. 2021	Acquisition of own shares in 9M 2022	Retirement of own shares in 9M 2022	30.9. 2022
Shares in circulation	140.1	-1.4	-	138.7
Treasury shares	-	1.4	-	1.4
Total	140.1	-	-	140.1

## Weighted average number of shares in circulation (millions)



# Financial calendar

2022/2023



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