### hannover **re**°



# Conference Call on Interim Report 2/2011

### Return on equity of 9.9% despite Q1 losses Q2/2011: positive development after high catastrophe burden in Q1

Very high catastrophe burden

Stable capital markets

Favourable reinsurance markets

- Strong growth in non-life reinsurance (+8.3%)
- ► Further growth in life and health reinsurance, but at a lower rate (+3.7%)
- Strong increase in net investment income by 22.0%, helped by inflation swaps
- Net major losses of EUR 625 m., EUR 390 m. above 1H budget (EUR 235 m.)
- ► EBIT in life and health reinsurance burdened by Australian disability claims and f/x effects
- EUR +124 m. one-off from tax court ruling
- Excellent operative cash flow of EUR 1,295 m.

*	Result 1H/2011	
	GWP:	+6.4%
	NPE:	+6.8%
	Net income:	EUR 218 m.
	EPS:	EUR 1.81
	RoE (annualised)	9.9%
	Equity:	-4.1%
	BPS:	EUR 35.86



### Net income in line with adjusted guidance for 2011

Group P/L figures at a glance in m. EUR	1H/2010	Q1/2011	Q2/2011	1H/2011	Variance
Gross written premium	5,682	3,143	2,902	6,045	+6.4%
Net premium earned	4,820	2,491	2,657	5,148	+6.8%
Net underwriting result	(120)	(383)	(64)	(446)	+271.7%
- Incl. funds withheld	31	(307)	22	(285)	-
Net investment income	551	392	281	673	+22.0%
- From assets under own management	400	316	195	512	+27.8%
- From funds withheld	151	76	85	161	+6.7%
Other income and expenses	59	37	(16)	20	-65.7%
Operating profit/loss (EBIT)	491	46	201	247	-49.7%
Interest on hybrid capital	(38)	(26)	(24)	(50)	+30.7%
Net income before taxes	453	21	176	197	-56.5%
Taxes	(116)	59	(4)	54	-
Net income	336	79	172	251	-25.3%
- Non-controlling interests	26	27	6	33	+27.9%
Group net income	311	52	166	218	-29.7%
Retention	90.3%	89.3%	92.5%	90.8%	
Return on investments (excl. funds withheld)	3.3%	5.0%	3.1%	4.0%	
EBIT return (EBIT/Net premium earned)	10.2%	1.9%	7.6%	4.8%	
Tax ratio	25.7%	-	2.5%	-	
Earnings per share	2.58	0.43	1.38	1.81	



### Satisfying Q2/2011 results after difficult Q1/2011 Q2 with positive underwriting result

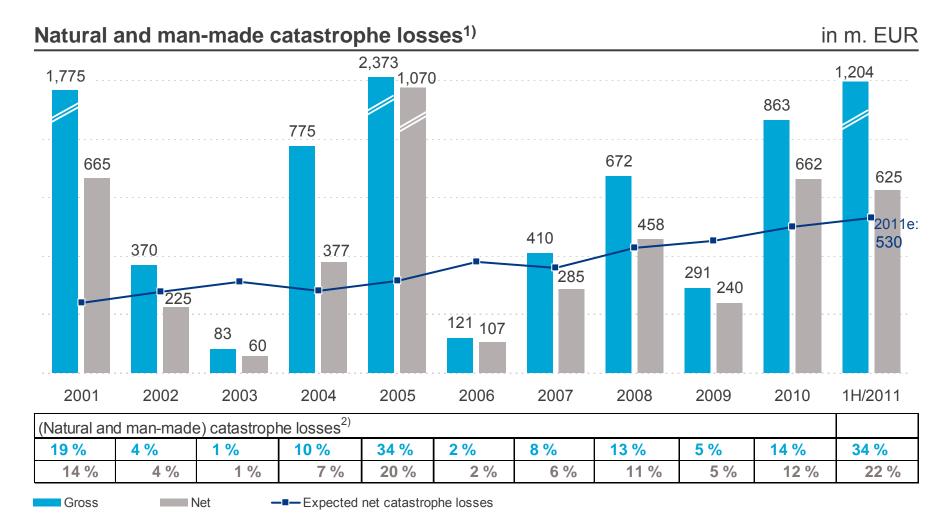
Non-life reinsurance in m. EUR	1H/2010	Q1/2011	Q2/2011	1H/2011	Variance
Gross written premium	3,272	1,924	1,620	3,544	+8.3%
Net premium earned	2,638	1,376	1,472	2,849	+8.0%
Net underwriting result	7	(331)	31	(299)	-
- Incl. funds withheld	15	(328)	34	(293)	-
Net investment income	309	250	152	403	+30.4%
- From assets under own mgmt.	301	247	149	396	+31.5%
- From funds withheld	7	3	3	6	-15.9%
Other income and expenses	18	56	(8)	48	+167.7%
Operating profit/loss (EBIT)	334	(25)	176	151	-54.7%
Taxes	(96)	68	(24)	44	-
Group net income	215	17	147	164	-23.7%
Retention	90.1%	87.8%	92.6%	90.0%	
Combined ratio (incl. interest on funds withheld)	99.5%	123.8%	97.7%	110.3%	
EBIT return (EBIT/Net premium earned)	12.7%	(1.8%)	11.9%	5.3%	
Tax ratio	28.8%	-	13.4%	-	
Earnings per share	1.78	0.14	1.22	1.36	

- ► GWP growth (f/x-adjusted +10.3%) mainly due to
  - Specialty lines
  - German business
  - China
- ► EUR 625 m. impact of major losses; EUR 390 m. above budget
- Net investment income helped by inflation swap (EUR +48 m. in 1H/2011)
- Other income increased due to interest based on tax ruling
- ➤ Total tax effect on net income due to ruling by Federal Fiscal Court: EUR +124.0 m.

(Q1: 113.5 m.)



### High burden of major losses in 1H/2011



<sup>1)</sup> Claims over EUR 5 m. gross



<sup>2)</sup> In % of non-life premium (2001 - 2006 adjusted to new segmentation)

### High burden of major losses in 1H/2011

Catastrophe loss* in m. EUR	Date	Gross	Net
Flood Brisbane, Australia	10 - 31 Jan	65.8	54.7
Cyclone "Yasi", Australia	2 - 3 Feb	24.8	19.3
Frost Mexico	3 - 5 Feb	53.5	53.5
Earthquake New Zealand	22 Feb	392.2	126.9
Earthquake Japan	11 Mar	506.1	232.9
Tornado USA	27 - 28 Apr	15.1	12.2
Wildfires Canada	15 May	6.5	4.5
Tornado USA	20 - 25 May	24.0	22.7
8 Natural catastrophes		1,088.0	526.7
Riots Tunesia	1 - 31 Jan	10.0	10.0
1 Aviation claim		8.0	8.0
3 Marine claims		59.3	43.2
4 Fire claims		38.5	37.3
17 Major losses		1,203.8	625.2

<sup>\*</sup> Claims over EUR 5 m. gross



### Retrocessions and protections for property NatCat exposure Our retro strategy works

- ▶ Recoveries from all retrocessions amounted to EUR 579 m. or 48% of the total gross major losses in 1H/2011
- ▶ Net of reinstatement premiums, the total recoveries amounted to ~ EUR 520 m.
- ► The remaining coverage after 1H/2011 from our worldwide P/C protections is ~ EUR 320 m.
- ▶ In addition, specific protections are available for Europe wind (EURUS II, select cat., swaps) and California earthquake (swaps) as well as for aviation and marine and facultative risks which remain unimpaired
- ► Further coverage of USD 100 m. bought for US natural perils (effective June 2011)



## Further growth in life and health, but at a lower rate Reduced earnings due to additional claims and f/x effects

Life and health reinsurance in m. EUR	1H/2010	Q1/2011	Q2/2011	1H/2011	Variance
Gross written premium	2,411	1,219	1,280	2,500	+3.7%
Net premium earned	2,181	1,114	1,183	2,298	+5.3%
Net underwriting result	(132)	(54)	(97)	(151)	+14.3%
- Incl. funds withheld	12	19	(15)	4	-64.5%
Net investment income	228	128	123	251	+9.8%
- From assets under own mgmt.	84	55	41	96	+13.2%
- From funds withheld	144	73	82	155	+7.8%
Other income and expenses	49	(16)	(6)	(21)	-143.8%
Operating profit/loss (EBIT)	145	58	20	78	-46.1%
Taxes	(29)	(16)	13	(3)	-90.4%
Group net income	114	42	32	74	-35.1%
Retention	90.6%	91.5%	92.6%	92.1%	
EBIT margin (EBIT/Net premium earned)	6.7%	5.2%	1.7%	3.4%	
Tax ratio	19.7%	27.1%	-	3.5%	
Earnings per share	0.94	0.34	0.27	0.61	

- ► GWP growth (f/x-adjusted +4.5%) mainly due to UK (Selected Annuities + BATs), and emerging markets; US business slightly reduced (currency effects)
- Weaker net u/w result mainly due to additional reserving for Australian DII\* business
- ▶ Increase in net investment income due to reduction of unrealised losses and higher interest from funds withheld
- Other expenses: negative impact from weaker USD
- Tax ratio positively impacted by relief due to Australian DII\* losses



<sup>\*</sup> Disability income insurance

### Satisfying investment income Rol of assets under own management at 3.7%, incl. inflation swaps at 4.0%

in m. EUR	1H/2010	Q1/2011	Q2/2011	1H/2011	Variance
Ordinary investment income <sup>1)</sup>	444	225	226	451	+1.7%
Realised gains/losses	77	39	5	44	-43.2%
Impairments/appreciations <sup>2)</sup>	(2)	3	(0)	3	-
Unrealised gains/losses	(86)	69	(15)	54	-
Investment expenses <sup>3)</sup>	(33)	(20)	(20)	(40)	+21.2%
NII from assets under own mgmt.	400	316	195	512	+27.8%
NII from funds withheld	151	76	85	161	+6.7%
Total net investment income	551	392	281	673	+22.0%

- Stable ordinary investment income despite f/x effects
- Realised gains from sale of government bonds and CDOs
- Unrealised gains affected by inflation swaps
   (EUR +48 m. in 1H/2011)

Unrealised gains/losses (Available for sale)	31 Dec 10	30 Jun 11
Fixed income	268	266
Equities and shares in limited partnerships	277	249
Total unrealised gains and losses	546	515

<sup>1)</sup> Incl. results from associated companies



<sup>3)</sup> Incl. depreciation on real estate

<sup>2)</sup> Excl. depreciation on real estate

### Steady flows into corporates and covereds Volume stable due to cash flow compensating f/x effects

Tactical Asset Allocation <sup>1)</sup>					
Investment category	2007	2008	2009	2010	1H/2011
Fixed-income securities	79%	89%	87%	84%	87%
Governmentals	19%	28%	25%	23%	21%
Semi-governmentals	20%	23%	26%	21%	23%
Corporates	26%	23%	22%	25%	27%
Investment grade	24%	22%	20%	24%	26%
Non-investment grade	2%	1%	2%	1%	1%
Pfandbriefe, Covered Bonds, ABS	15%	15%	15%	16%	17% 2)
Equities	12%	3%	2%	4%	2%
• Listed	10%	< 1%	< 1%	2%	<1%
Private Equity	2%	3%	2%	2%	2%
Real Estate / Real Estate Funds	< 1%	< 1%	1%	2%	2%
Others	2%	2%	2%	2%	2%
Short-term investments (STI) & cash	6%	6%	8%	8%	7%
Total balance sheet values in bn. EUR	19.8	20.1	22.5	25.4	25.3

<sup>1)</sup> Without outstanding commitments for Private Equity and Alternative Real Estate as well as fixed-income investments of EUR 312.1 m. (EUR 272.6 m.) as per 30 June 2011



<sup>2)</sup> Of which Pfandbriefe and Covered bonds = 85%

## **Target matrix Strategic targets 2011**

		Strategic		
Business group	Key figures	targets	1H/2011	2010
Non-life R/I	Combined ratio - assuming	<100% <sup>1)</sup>	110.3%	98.2% 🗸
	expected net large losses <sup>2)</sup> (in m. EUR)	≤530	625.2	661.9
	EBIT margin <sup>3)</sup>	≥10%	5.3%	16.3% 🗸
	IVC margin <sup>4)</sup>	≥2.0%	n.a.	6.0% ✓
Life and health R/I	Gross-premium growth (y-o-y)	10% - 12% <sup>5)</sup>	3.7%	12.4% 🗸
	EBIT margin <sup>3)</sup>	≥6%	3.4%	6.1% 🗸
	MCEV growth	≥10%	n.a.	24.3% 🗸
	Value of New Business (VNB) growth	≥10%	n.a.	89.2% ✓
Group	Return on investment <sup>6)</sup>	≥3.5% <sup>7)</sup>	3.7% ✓	4.1% 🗸
	Return on equity	≥11.1% <sup>8)</sup>	9.9%	18.2% ✓
	EBIT growth (year-on-year)	≥10%	(49.7%)	2.7%
Triple-10 targets → {	Earnings per share growth (year-on-year)	≥10%	(29.7%)	2.1%
	Book value per share growth (year-to-date)	≥10%	(4.1%)	21.4% 🗸

<sup>1)</sup> Max. tolerable combined ratio = net premium earned + [(invested non-life assets - sustainable yield) - pre-tax cost of capital] i.e. 100% + [(~278% - 2.98%) - (~65% - 10.2%)] = ~101.7%

7) Risk-free rate + cost of capital

n.a. not applicable



<sup>2)</sup> Incl. expected net NatCat loss and 2.5% long-term average of man-made losses

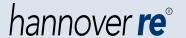
<sup>3)</sup> EBIT/Net premium earned

<sup>4)</sup> IVC/Net premium earned

<sup>5)</sup> Of which 7% - 9% p.a. from organic growth and in the medium term on average 3% p.a. from opportunistic BATs

<sup>6)</sup> Assets under own management only, excl. inflation swaps

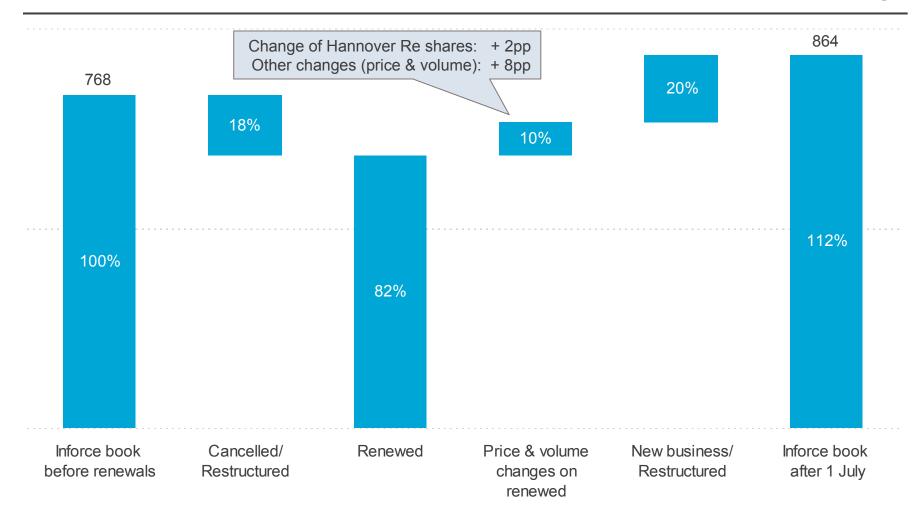
<sup>8) 5-</sup>year average government-bond yield = 3.6% + 750 bps



Outlook 2011

### Pleasing non-life renewals show 12% increase 2 April 2011 - 1 July 2011

#### in m. EUR





### Pleasing non-life renewals 2 April 2011 - 1 July 2011

#### **USA**

- Property cat. XL
  - Rate increases of +5% to +15%
  - International programmes +50% and more, if loss affected
  - We responded positively within our unchanged risk appetite
- Property per-risk XL
  - Profitable accounts with increases up to 5%
  - Loss-affected programmes +20% +30%
  - We increased our writings noticeably
- Standard casualty/workers compensation
  - Slight rate reductions of up to -5%, tendency towards lower cession rates
  - · Workers compensation very stable
  - · We kept our involvement nearly unchanged

- Special casualty
  - Primary market shows initial signs of stabilisation
  - Stabilising terms and conditions of reinsurance
  - · We expect still moderately reduced volume
- Professional liability
  - Slight rate reductions of up to -5%
  - Stable reinsurance terms and conditions
  - Our portfolio remained nearly unchanged on an apples to apples basis

#### Canada

- Commercial property/liability
  - Market remains under competition, but rates are holding more or less
  - Our reinsurance volume remained basically stable, but again slightly impacted by a market shrinking due to continued consolidation



### Pleasing non-life renewals 2 April 2011 - 1 July 2011

#### **Australia**

- Cat. XL
  - Loss free up 40%; loss to layer up 50-90%
  - We are intending to strategically expand our capacities, if prices justify this

#### **New Zealand**

- Cat. XL
  - Factor to expiring prices by 1.5 to 5 times expiring price
  - We participate only where prices respond very favourably
  - Where prices did not meet our requirements we withdrew capacity

#### **Japan**

- Cat. XL (deferred programmes)
  - Earthquake up to +50%, wind up to +25%
  - Additional escalator clause in some cases
  - Slightly increased capacity for loyal Japanese clients

#### **Credit/Surety**

- Latin America (surety)
  - We slightly increased our premium volume at marginally deteriorated but still favourable terms and conditions
- China (credit)
  - Continued organic premium growth with stable shares at slightly deteriorated but still attractive terms and conditions

#### **Agro**

- Attractive rates and conditions
- Strong growth especially in emerging markets (e.g. China)



## **Development of lines of business**Growth in most lines and satisfying profitability expected

Non-life reinsu	urance	20	11e
Divisions	Lines of business	Volume <sup>1)</sup>	Profitability <sup>2)</sup>
Target	North America <sup>3)</sup>	$\rightarrow$	+/-
markets	Germany <sup>3)</sup>	$\rightarrow$	+/-
	Marine (incl. energy)	7	+
	Aviation	7	++
Specialty lines	Credit, surety & political risks	7	++
	Structured R/I & ILS	7	+/-
	UK, London market & direct	7	+
	Global treaty <sup>3)</sup>	7	-
Global R/I	Global cat. XL	7	-
	Global facultative	7	+/-

<sup>1)</sup> In EUR, development in original currencies can be different



<sup>2) ++ =</sup> well above CoC; + = above CoC; +/- = CoC earned; - = below Cost of Capital (CoC)

<sup>3)</sup> All lines of business except those stated separately

## **Development of lines of business Growth in most lines and satisfying profitability expected**

Life and health reinsurance	2011e		
The five pillars	Volume <sup>1)</sup> Profitability		
Financial Solutions	7	++	
New Markets	7	+/-	
Bancassurance	<b>→</b>	++	
Multinationals	$\rightarrow$	+	
Conventional R/I	$\rightarrow$	-	

<sup>1)</sup> In EUR, development in original currencies can be different

<sup>2) +/- =</sup> CoC earned; + = above CoC; ++ = well above CoC

## Updated guidance for 2011 After 1H/2011 we reiterate our net income target

Hannover Re Group

	• Gross written premium (GWP) <sup>1)</sup>
	• Net premium earned (NPE) <sup>1)</sup>
<b>&gt;</b>	Non-life reinsurance (NPE) <sup>1)</sup>
<b>&gt;</b>	Life and health reinsurance (NPE) <sup>1)</sup> ~ +7% - +10%
<b>&gt;</b>	Return on investment <sup>2)3)</sup> ~ 3.5%
<b>&gt;</b>	Net income <sup>2)</sup> ~ EUR 500 m.
<b>•</b>	Dividend pay-out ratio <sup>4)</sup>

<sup>1)</sup> At unchanged f/x rates

<sup>2)</sup> Subject to no major distortions in capital markets and/or major losses in 2H/2011 not exceeding EUR 295 m.

<sup>3)</sup> Excluding effects from inflation swaps

<sup>4)</sup> Related to group net income according to IFRS



**Appendix** 

### Our strategic business groups at a glance

		Non-life reinsurance		Life and health reinsurance		Consolidation		Total	
in m. EUR	1H/2010	1H/2011	1H/2010	1H/2011	1H/2010	1H/2011	1H/2010	1H/2011	
Gross written premium	3,272	3,544	2,411	2,500	(1)	1	5,682	6,045	
Change in GWP	-	+8,3 %	-	+3,7 %	-	-	-	+6,4 %	
Net premium earned	2,638	2,849	2,181	2,298	(0)	2	4,820	5,148	
Net underwriting result	7	(299)	(132)	(151)	5	4	(120)	(446)	
- Incl. funds withheld	15	(293)	12	4	5	4	31	(285)	
Net investment income	309	403	228	251	14	20	551	673	
- From assets under own management	301	396	84	96	14	20	400	512	
- From funds withheld	7	6	144	155	0	0	151	161	
Other income and expenses	18	48	49	(21)	(8)	(6)	59	20	
Operating profit/loss (EBIT)	334	151	145	78	11	17	491	247	
Interest on hybrid capital	0	0	0	0	(38)	(50)	(38)	(50)	
Net income before taxes	334	151	145	78	(27)	(33)	453	197	
Taxes	(96)	44	(29)	(3)	8	13	(116)	54	
Net income	238	195	117	76	(18)	(19)	336	251	
- Non-controlling interests	23	31	3	2	0	0	26	33	
Group net income	215	164	114	74	(18)	(19)	311	218	
Retention	90.1%	90.0%	90.6%	92.1%			90.3%	90.8%	
Combined ratio (incl. interest on funds withheld)	99.5%	110.3%	99.5%	99.8%			99.4%	105.5%	
EBIT margin (EBIT/Net premium earned)	12.7%	5.3%	6.7%	3.4%			10.2%	4.8%	
Tax ratio	28.8%	-	19.7%	3.5%			25.7%	-	
Earnings per share	1.78	1.36	0.94	0.61	(0.15)	(0.16)	2.58	1.81	



## Fixed-income book well balanced Allocation according to our operative diversification

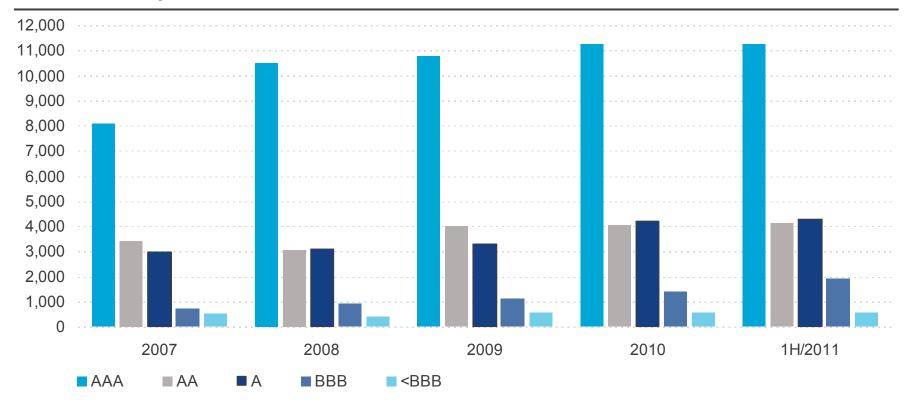
	Governmentals	Semi- governmentals	Corporates	Pfandbriefe, Covered Bonds, ABS	Short-term investments, cash	Total
AAA	83.6%	61.1%	3.4%	72.6%	-	52.5%
AA	5.1%	35.1%	16.4%	16.7%	-	18.9%
А	5.8%	3.0%	54.8%	1.0%	-	19.6%
BBB	5.1%	0.6%	22.1%	2.6%	-	6.4%
<bbb< td=""><td>0.4%</td><td>0.1%</td><td>3.4%</td><td>7.2%</td><td>-</td><td>2.6%</td></bbb<>	0.4%	0.1%	3.4%	7.2%	-	2.6%
Total	100.0%	100.0%	100.0%	100.0%	-	100.0%
Germany	7.2%	38.3%	10.8%	38.6%	24.1%	22.5%
UK	8.4%	5.2%	10.4%	6.1%	5.5%	7.6%
GIIPS	4.2%	0.6%	6.4%	11.8%	1.1%	5.0%
Rest of Europe	20.7%	24.7%	28.2%	29.7%	8.2%	24.5%
USA	41.7%	10.0%	31.0%	7.8%	16.7%	23.1%
Australia	3.1%	11.7%	8.0%	0.2%	12.0%	6.8%
Asia	8.1%	0.9%	1.0%	0.1%	17.7%	3.6%
Rest of World	6.7%	8.7%	4.2%	5.8%	14.8%	6.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

As of 30 June 2011

## Focus on high-quality securities Strategically short modified duration

#### Fixed-income portfolio

in m. EUR



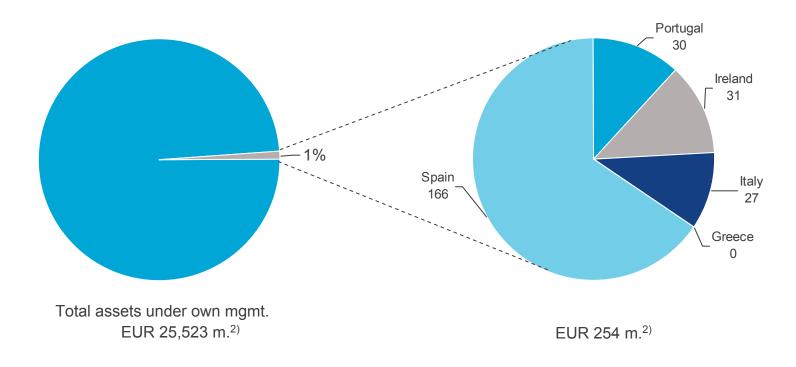
S&P financial strength rating

Modified duration as of 30 Jun 2011: 3.8 (2010: 3.5)



## No material exposure in Southern Europe and Ireland<sup>1)</sup> Merely 1.0% of total assets under own management

Asset allocation in m. EUR





<sup>1)</sup> Investments in governmentals and semi-governmentals

<sup>2)</sup> Market value as at 30 June 2011

### **Stress tests**

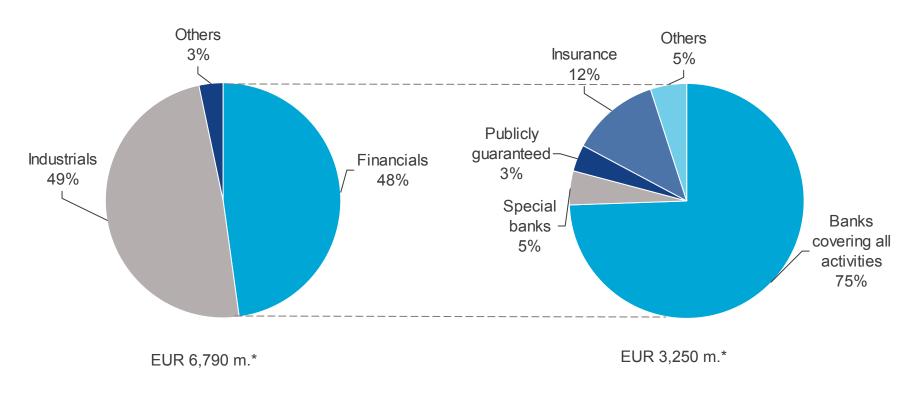
Portfolio	Scenario		Change in market value in m. EUR	Changes in OCI before tax in m. EUR	
Equities	Prices	-10%	-3	-3	
Equities	Prices	-20%	-7	-7	
Equities	Prices	-30%	-10	-10	
Fixed-income securities	Yield increase	+50 bps	-455	-348	
Fixed-income securities	Yield decline	-50 bps	470	360	
Fixed-income securities	Yield increase	+100 bps	-891	-680	
Fixed-income securities	Yield decline	-100 bps	960	735	

As at 30 June 2011

## Asset allocation of corporate bonds Reflects market spectrum

#### **Corporate sector allocation**

in %



<sup>\*</sup> Market value as at 30 June 2011

"Financials" are held in the following currencies: EUR 54%, USD 29%, GBP 5% and others 12%

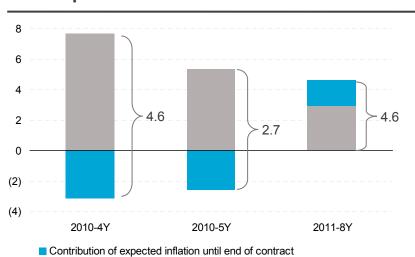


### Realised inflation higher than market expectations Positive impact on market value of inflation hedge

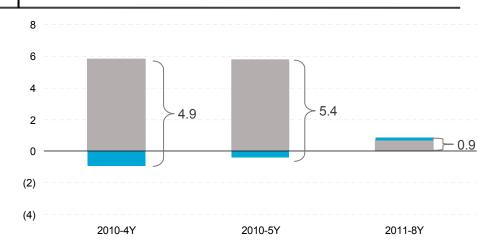
- Partial hedge of non-life loss inflation provided by USD and EUR Zero Coupon Swaps
- Initially established in Q2/2010 (4 and 5 years)
- Protection reloaded in Q1/2011 (8 years)
- Realised inflation by 3.6% p.a. (USD) and
   2.8% p.a. (EUR) lead to positive market values

Aggregated volume USD	USD 2,530 m.			
Aggregated volume EUR	EUR 930 m.			
Covered level of inflation	2.17%			
Market values as of 30 June 2011	USD 11.9 m. EUR 11.2 m.			

#### Market position as at 30 June 2011 ... in m. USD



■ Contribution of realised inflation since opening of contract





...and m. EUR

### Impact of the inflation swaps Overview of sensitivities

► Current (30 June 2011) holding of inflation swaps at EUR 2.7 bn. (equivalent swap volume) reacts as follows to underlying risk factors:

	Change in market value in m. EUR
Inflation expectation*: +100 bps	+106
Inflation expectation*: -100 bps	-102
Inflation expectation*: +400 bps	+446
Interest curves	marginal reagibility
Credit spreads	no reagibility
Equity markets	no reagibility



<sup>\*</sup> CPI - Consumer Price Index (US inflation index)
HICP - Harmonised Indices of Consumer Prices (EU inflation index; actually traded is the sub-index HICP ex tobacco)

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