#### hannover **re**°



#### Welcome to Hannover Re's Analysts' Conference

## Strong financial performance with BVPS growing to 41.22 EUR Increased financial strength despite high burden from large losses

# Improved R/I-conditions

- Strong growth in non-life reinsurance (+7.7%)
- ► Further growth in life and health reinsurance (+3.5%)

High catastrophe burden

- Second-highest level of net major losses (EUR 981 m., EUR 451 m. over budget)
- ► Net investment income up by 9.9%

Volatile capital markets

- Excellent operating cash flow of EUR 2.5 bn.
- ► Increase of EUR 2.9 bn. in assets under own management

#### 2011 results

GWP +5.8%

NPE +7.0%

Net income EUR 606 m.

EPS EUR 5.02

RoE 12.8%

Shareholders' equity +10.2%

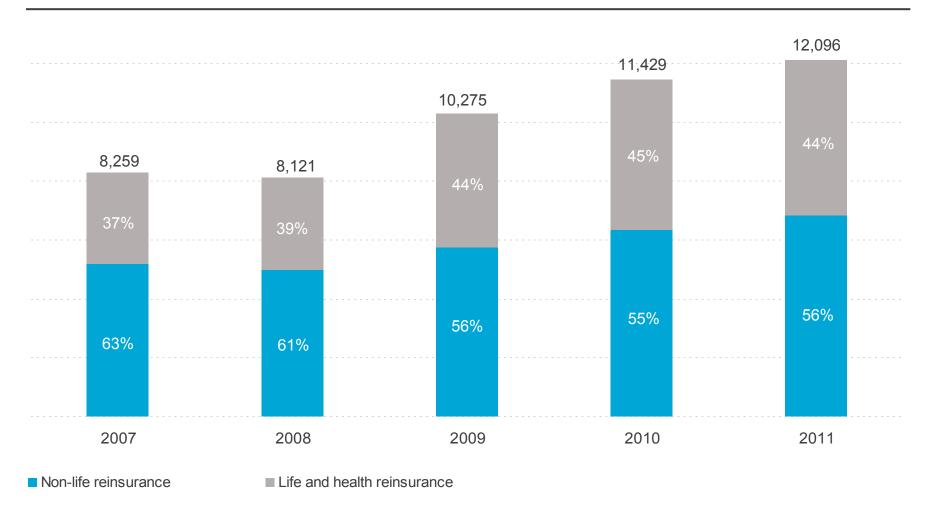
Proposed dividend EUR 2.10



# Profitable growth of both business groups since 2009 5y-CAGR +10%

#### Gross written premium

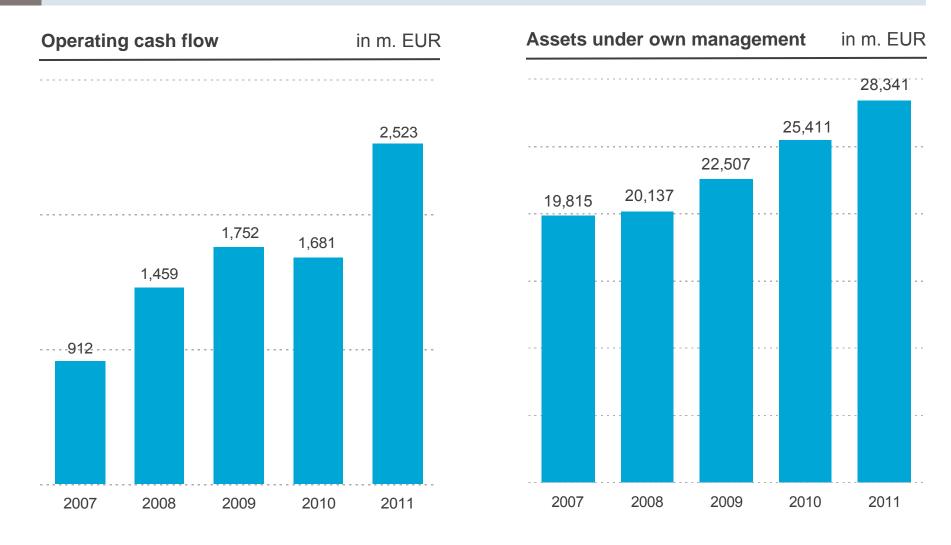
in m. EUR





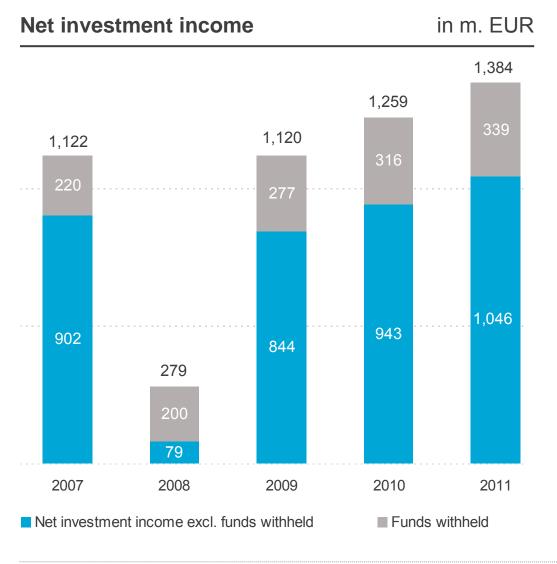
#### Positive cash flow of EUR 8.3 bn. in 5 years. . .

#### ... supports growth of assets under own management



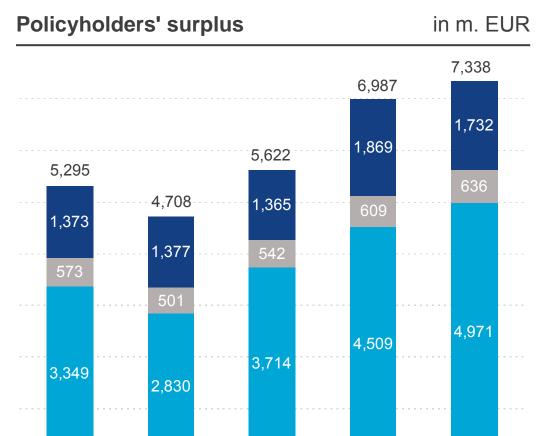


## Continued growth of net investment income since 2009 Rol as high as in previous year at 3.9%



- Ordinary investment income grew steadily since 2009 despite deteriorating yields; supported by increase in assets
- Target yield of 3.5% outperformed despite high cash flow being invested at lower rates

## Risk bearing ability further increased EUR 2.1 bn. (+76%) equity increase in three years



2009

2010

2011

- Policyholders' surplus grew by 5%
- Shareholders' equity increases due to retained earnings and improved OCI
- Increased minorities after very pleasing result of E+S Rück
- ► Lower hybrid capital due to redemption of EUR 138 m.



2007

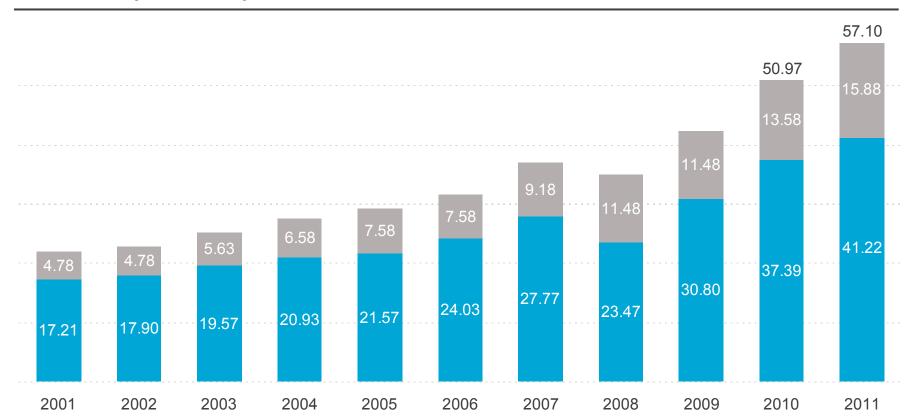
2008

■ Shareholders' equity ■ Non-controlling interests

#### Accelerated growth of book value per share since 2009

#### Book value per share, paid dividends

in EUR



■ Book value per share

■ Paid dividends (cumulative since 1994)

2001 - 2003 US GAAP, as from 2004 IFRS As at 31 December



## Dividend proposal of EUR 2.10 Pay-out ratio of 42% over and above guidance



- Dividend payment of EUR 253.3 m.
- ▶ Dividend yield of more than 5%\*
- Pay-out in 5 years: EUR 1.1 bn. or EUR 8.80 per share

<sup>\*</sup> At year-end 2011 share price of: EUR 38.325

## Group net income exceeds RoE target Despite high burden of major losses

| Group figures in m. EUR               |
|---------------------------------------|
| Gross written premium                 |
| Net premium earned                    |
| Net underwriting result               |
| - Incl. funds withheld                |
| Net investment income                 |
| - From assets under own management    |
| - From funds withheld                 |
| Other income and expenses             |
| Operating profit/loss (EBIT)          |
| Interest on hybrid capital            |
| Net income before taxes               |
| Taxes                                 |
| Net income                            |
| - Non-controlling interests           |
| Group net income                      |
| Retention                             |
| EBIT margin (EBIT/Net premium earned) |
| Tax ratio                             |
| Earnings per share                    |

| 2010       2011       Δ         11,429       12,096       +5.8%         10,047       10,752       +7.0%         (185)       (536)       -         131       (197)       -         1,259       1,384       +9.9%         943       1,046       +10.9%         316       339       +7.0%         104       (7)       -         1,178       841       -28.6%         (89)       (99)       +11.0%         1,089       742       -31.8%         (258)       (65)       -74.6%         831       677       -18.5%         82       71       -13.7%         749       606       -19.1%         90.1%       91.2%         11.7%       7.8%         23.7%       8.8%         6.21       5.02 |        |        |        |
|--|--------|--------|--------|
| 10,047       10,752       +7.0%         (185)       (536)       -         131       (197)       -         1,259       1,384       +9.9%         943       1,046       +10.9%         316       339       +7.0%         104       (7)       -         1,178       841       -28.6%         (89)       (99)       +11.0%         1,089       742       -31.8%         (258)       (65)       -74.6%         82       71       -13.7%         749       606       -19.1%         90.1%       91.2%         11.7%       7.8%         23.7%       8.8%  | 2010   | 2011   | Δ      |
| (185)       (536)       -         131       (197)       -         1,259       1,384       +9.9%         943       1,046       +10.9%         316       339       +7.0%         104       (7)       -         1,178       841       -28.6%         (89)       (99)       +11.0%         1,089       742       -31.8%         (258)       (65)       -74.6%         82       71       -13.7%         749       606       -19.1%         90.1%       91.2%         11.7%       7.8%         23.7%       8.8%  | 11,429 | 12,096 | +5.8%  |
| 131       (197)       -         1,259       1,384       +9.9%         943       1,046       +10.9%         316       339       +7.0%         104       (7)       -         1,178       841       -28.6%         (89)       (99)       +11.0%         1,089       742       -31.8%         (258)       (65)       -74.6%         82       71       -13.7%         749       606       -19.1%         90.1%       91.2%         11.7%       7.8%         23.7%       8.8%  | 10,047 | 10,752 | +7.0%  |
| 1,259       1,384       +9.9%         943       1,046       +10.9%         316       339       +7.0%         104       (7)       -         1,178       841       -28.6%         (89)       (99)       +11.0%         1,089       742       -31.8%         (258)       (65)       -74.6%         831       677       -18.5%         82       71       -13.7%         749       606       -19.1%         90.1%       91.2%         11.7%       7.8%         23.7%       8.8%   | (185)  | (536)  | -      |
| 943 1,046 +10.9% 316 339 +7.0% 104 (7) - 1,178 841 -28.6% (89) (99) +11.0% 1,089 742 -31.8% (258) (65) -74.6% 831 677 -18.5% 82 71 -13.7% 749 606 -19.1% 90.1% 91.2% 11.7% 7.8% 23.7% 8.8%   | 131    | (197)  | -      |
| 316 339 +7.0%  104 (7) -  1,178 841 -28.6%  (89) (99) +11.0%  1,089 742 -31.8%  (258) (65) -74.6%  831 677 -18.5%  82 71 -13.7%  749 606 -19.1%  90.1% 91.2%  11.7% 7.8%  23.7% 8.8%   | 1,259  | 1,384  | +9.9%  |
| 104       (7)       -         1,178       841       -28.6%         (89)       (99)       +11.0%         1,089       742       -31.8%         (258)       (65)       -74.6%         831       677       -18.5%         82       71       -13.7%         749       606       -19.1%         90.1%       91.2%         11.7%       7.8%         23.7%       8.8%  | 943    | 1,046  | +10.9% |
| 1,178       841       -28.6%         (89)       (99)       +11.0%         1,089       742       -31.8%         (258)       (65)       -74.6%         831       677       -18.5%         82       71       -13.7%         749       606       -19.1%         90.1%       91.2%         11.7%       7.8%         23.7%       8.8%  | 316    | 339    | +7.0%  |
| (89)     (99)     +11.0%       1,089     742     -31.8%       (258)     (65)     -74.6%       831     677     -18.5%       82     71     -13.7%       749     606     -19.1%       90.1%     91.2%       11.7%     7.8%       23.7%     8.8%   | 104    | (7)    | -      |
| 1,089     742     -31.8%       (258)     (65)     -74.6%       831     677     -18.5%       82     71     -13.7%       749     606     -19.1%       90.1%     91.2%       11.7%     7.8%       23.7%     8.8%  | 1,178  | 841    | -28.6% |
| (258)     (65)     -74.6%       831     677     -18.5%       82     71     -13.7%       749     606     -19.1%       90.1%     91.2%       11.7%     7.8%       23.7%     8.8%   | (89)   | (99)   | +11.0% |
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| 82 71 -13.7% <b>749 606 -19.1%</b> 90.1% 91.2%  11.7% 7.8%  23.7% 8.8%   | (258)  | (65)   | -74.6% |
| 749     606     -19.1%       90.1%     91.2%       11.7%     7.8%       23.7%     8.8%   | 831    | 677    | -18.5% |
| 90.1% 91.2%<br>11.7% 7.8%<br>23.7% 8.8%  | 82     | 71     | -13.7% |
| 11.7% 7.8%<br>23.7% 8.8%   | 749    | 606    | -19.1% |
| 23.7% 8.8%   | 90.1%  | 91.2%  |        |
|  | 11.7%  | 7.8%   |        |
| 6.21 5.02  | 23.7%  | 8.8%   |        |
|  | 6.21   | 5.02   |        |

- GWP growth +5.8% (f/x-adjusted +7.5%)
- Net premium earned +7.0% (f/x-adjusted +8.6%)
- Net underwriting result hit by major losses (EUR 451 m. above budget)
- Positive total tax effect on net income due to ruling by Federal Fiscal Court of EUR 128 m.



## Q4/2011 net income boosted by a good investment result High losses of Thailand floods absorbed

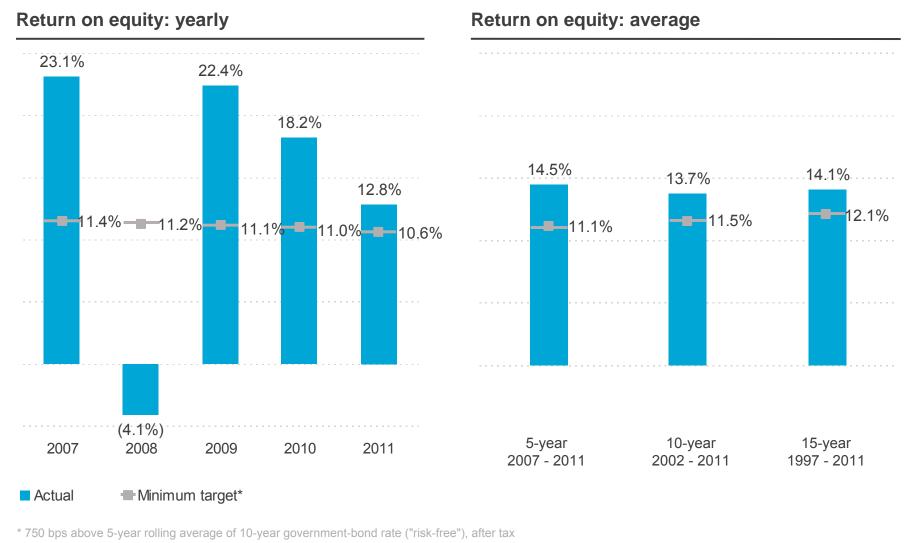
| Group figures in m. EUR               |
|---------------------------------------|
| Gross written premium                 |
| Net premium earned                    |
| Net underwriting result               |
| - Incl. funds withheld                |
| Net investment income                 |
| - From assets under own management    |
| - From funds withheld                 |
| Other income and expenses             |
| Operating profit/loss (EBIT)          |
| Interest on hybrid capital            |
| Net income before taxes               |
| Taxes                                 |
| Net income                            |
| - Non-controlling interests           |
| Group net income                      |
| Retention                             |
| EBIT margin (EBIT/Net premium earned) |
| Tax ratio                             |
| Earnings per share                    |

| Q4/2011 | Δ   |
|---------|---|
| 3,031   | +5.5%   |
| 2,872   | +11.5%  |
| (122)   | -   |
| (31)    | -   |
| 433     | +12.0%  |
| 342     | +16.3%  |
| 91      | -1.4%   |
| 40      | -   |
| 351     | +11.0%  |
| (22)    | -28.3%  |
| 329     | +15.2%  |
| (78)    | -28.5%  |
| 251     | +42.1%  |
| 27      | +175.8%   |
| 224     | +34.4%  |
| 92.6%   |   |
| 12.2%   |   |
| 23.7%   |   |
| 1.86    |   |
|         | 3,031 2,872 (122) (31) 433 342 91 40 351 (22) 329 (78) 251 27 224 92.6% 12.2% 23.7% |

- ► EUR 238 m. impact of major losses (thereof EUR 196 m. from Thailand floods); EUR 108 m. above budget
- Net investment income overall improved by EUR 47 m. of which EUR 29 m. higher ordinary income, EUR 39 m. higher realised gains, EUR 23 m. less unrealised gains

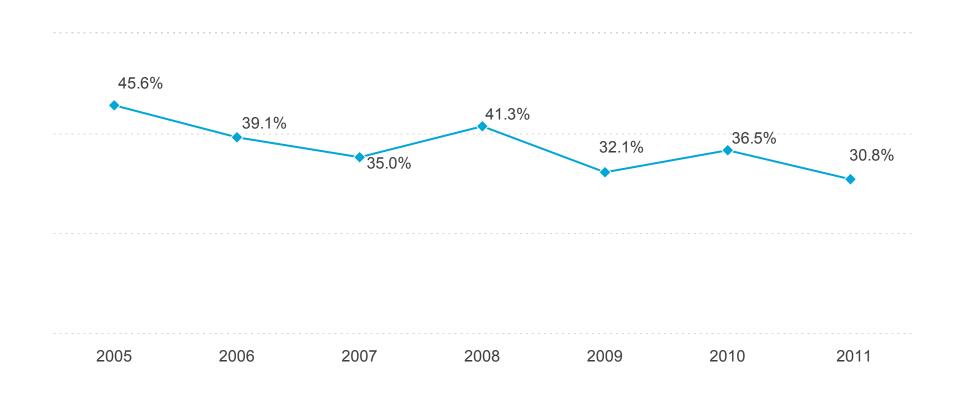


# Attractive RoE despite strong equity growth Strategic target exceeded one more time



#### **Steady decrease of leverage**

#### Financial leverage development\*



<sup>\*</sup> Defined as hybrid/shareholders' equity incl. non-controlling interests

## Most profitable reinsurer of the last five years Even on after-tax basis, in spite of strong Bermuda competition

|                         | 200   | 07   | 200     | )8   | 200   | )9   | 201   | 10   | 201                  | 1    | 2007 - 2 | 2011 |
|-------------------------|-------|------|---------|------|-------|------|-------|------|----------------------|------|----------|------|
| Company                 | RoE   | Rank | RoE     | Rank | RoE   | Rank | RoE   | Rank | RoE                  | Rank | avg. RoE | Rank |
| Hannover Re             | 23.1% | 2    | (4.1%)  | 9    | 22.4% | 3    | 18.2% | 1    | 12.8%                | 1    | 14.5%    | 1    |
| Odyssey Re              | 25.8% | 1    | 20.5%   | 1    | 12.1% | 6    | 9.2%  | 8    | (1.9%) <sup>1)</sup> | 6    | 13.2%    | 2    |
| Renaissance Re          | 16.9% | 4    | (0.4%)  | 7    | 24.4% | 2    | 18.1% | 2    | (2.4%)               | 8    | 11.3%    | 3    |
| SCOR                    | 13.8% | 8    | 8.9%    | 2    | 10.2% | 8    | 10.1% | 5    | 7.5%                 | 3    | 10.1%    | 4    |
| PartnerRe               | 17.7% | 3    | 1.1%    | 5    | 25.9% | 1    | 11.5% | 3    | (7.6%)               | 10   | 9.7%     | 5    |
| Munich Re <sup>2)</sup> | 14.9% | 7    | 6.5%    | 3    | 11.8% | 7    | 10.7% | 4    | 3.1%                 | 4    | 9.4%     | 6    |
| Transatlantic Re        | 15.4% | 6    | 3.1%    | 4    | 13.2% | 5    | 9.7%  | 7    | (2.4%)               | 7    | 7.8%     | 7    |
| Everest Re              | 15.6% | 5    | (0.4%)  | 6    | 14.6% | 4    | 9.9%  | 6    | (1.3%)               | 5    | 7.7%     | 8    |
| Swiss Re                | 13.3% | 9    | (3.3%)  | 8    | 2.3%  | 10   | 3.6%  | 10   | 9.6%                 | 2    | 5.1%     | 9    |
| XL Re <sup>3)</sup>     | 3.6%  | 10   | (31.8%) | 10   | 2.7%  | 9    | 5.8%  | 9    | (4.4%)               | 9    | (4.8%)   | 10   |

Ranking among shown peer group, based on company data, own calculation

1) Unaudited 2) Preliminary figures

3) Based on XL Capital group figures



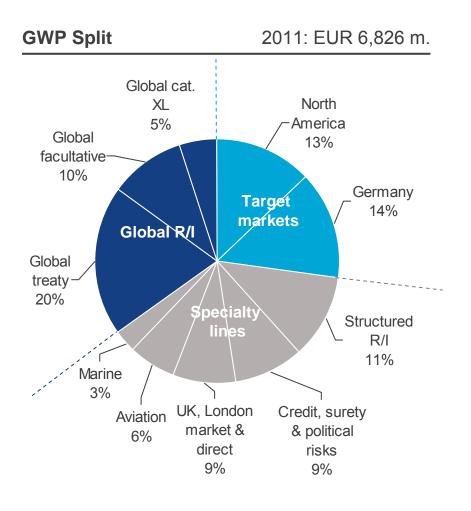


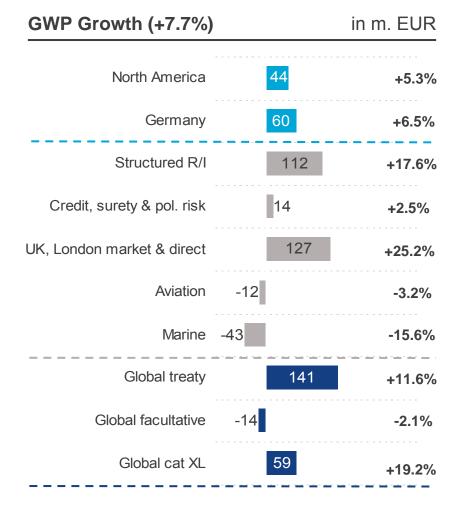
#### Strong growth in non-life reinsurance Favourable result despite high burden of major losses

| Non-life reinsurance in m. EUR                         | 2010  | 2011   |   |
|--|-------|--------|---|
| Gross written premium                                  | 6,339 | 6,826  | ► +7.7% GWP growth (f/x-adjusted +9.4%) mainly due to emerging markets, Australia, Germany & specialty lines          |
| Net premium earned                                     | 5,394 | 5,961  | ▶ Net premium earned +10.5% (f/x-adjusted +12.1%)   |
| Net underwriting result incl. funds withheld           | 95    | (254)  | ► Major losses EUR 981 m. (16.5% of NPE, EUR 451 m. above budget of EUR 530 m.)                                       |
| Combined ratio incl. interest on funds withheld        | 98.2% | 104.3% | , , , , , , , , , , , , , , , , , , ,   |
| Net investment income from assets under own management | 709   | 831    | ➤ NII benefitted from ordinary and extraordinary investment income  |
| Other income and expenses                              | 76    | 23     | <ul> <li>Other income and expenses down mainly due to<br/>reduced currency gains</li> </ul>                           |
|  |       |        |   |
| Operating profit/loss (EBIT)                           | 880   | 599    |   |
| Group net income                                       | 581   | 456    | ▶ Total tax effect (incl. interest on refunded taxes) on net<br>income due to Federal Fiscal Court ruling: EUR +128 m |
| Earnings per share                                     | 4.82  | 3.78   |   |



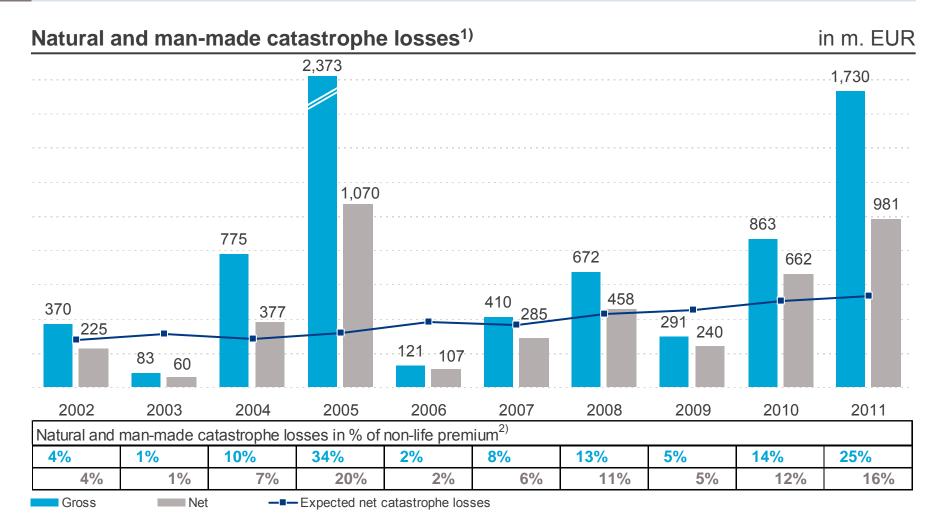
#### Well diversified; growth in selected areas







# Second-highest amount of net large losses in history Gross impact mitigated by efficient retro strategy



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



<sup>2) 2002 - 2006</sup> adjusted to new segmentation

# High frequency of major losses Earthquakes and floods with high severity

| Catastrophe loss* in m. EUR          | Date           | Gross   | Net   |
|--------------------------------------|----------------|---------|-------|
| Flood Brisbane, Australia            | 10 - 31 Jan    | 64.7    | 53.9  |
| Winter damages USA                   | 31 Jan - 5 Feb | 5.3     | 4.2   |
| Cyclone "Yasi", Australia            | 2 - 3 Feb      | 23.1    | 16.7  |
| Frost Mexico                         | 3 - 5 Feb      | 50.1    | 50.1  |
| Earthquake New Zealand               | 22 Feb         | 480.9   | 121.4 |
| Earthquake Japan                     | 11 Mar         | 410.7   | 228.7 |
| Tornado USA                          | 27 - 28 Apr    | 22.6    | 14.6  |
| Wildfires Canada                     | 15 May         | 9.6     | 6.8   |
| Tornado USA                          | 20 - 25 May    | 45.1    | 40.5  |
| Earthquake New Zealand               | 13 Jun         | 42.7    | 29.8  |
| Storm Denmark                        | 2 Jul          | 11.5    | 7.8   |
| Hurricane "Irene", USA and Caribbean | 20 - 29 Aug    | 33.8    | 25.9  |
| Storm Germany                        | 24 - 26 Aug    | 15.1    | 10.0  |
| Storm Germany                        | 11 Sep         | 5.4     | 4.2   |
| Flood Thailand                       | 15 Sep - 1 Nov | 234.5   | 195.7 |
| 15 Natural catastrophes              |                | 1,455.1 | 810.3 |
| Riots Tunisia                        | 1 - 31 Jan     | 7.1     | 7.1   |
| 4 Aviation claims                    |                | 58.1    | 34.4  |
| 5 Marine claims                      |                | 91.4    | 47.1  |
| 11 Fire claims                       |                | 117.9   | 81.8  |
| 36 Major losses                      |                | 1,729.6 | 980.7 |

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

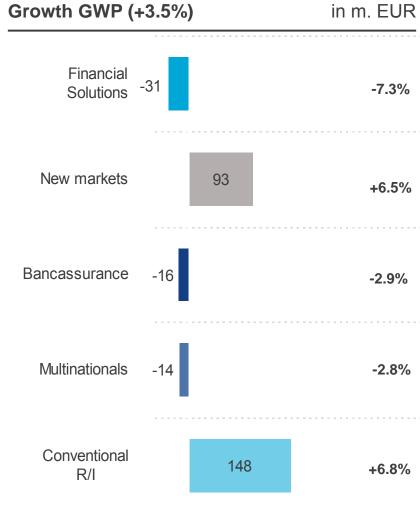


# Further growth in life and health reinsurance Good profitability despite ModCo development

| Life and health reinsurance in m. EUR                  | 2010  | 2011  |  |
|--|-------|-------|--|
| Gross written premium                                  | 5,090 | 5,270 | <ul> <li>+3.5% GWP growth (f/x-adjusted +5.2%) mainly from</li> <li>UK (Enhanced Annuities + BATs) and emerging markets</li> </ul> |
| Net premium earned                                     | 4,654 | 4,789 |  |
| Net underwriting result incl. funds withheld           | 27    | 48    | ➤ Technical result driven by increase in interest from funds withheld  |
| Net investment income from assets under own management | 204   | 188   | ➤ NII affected by unrealised ModCo effects of EUR 55 m.; partially offset by higher ord. income and realised gains                 |
| Other income and expenses                              | 53    | (19)  | <ul> <li>Other income and expenses mainly driven by reduced<br/>currency result (mostly USD)</li> </ul>                            |
| Operating profit/loss (EBIT)                           | 284   | 218   | ► EBIT below expectations  |
| EBIT margin  | 6.1%  | 4.5%  | ➤ EBIT margin adjusted for ModCo effect at acceptable level (5.7%)   |
| Group net income                                       | 220   | 182   | ➤ Good net result despite additional reserves for Australian disability insurance (DII): EUR 24.5 m.                               |
| Earnings per share                                     | 1.82  | 1.51  | Additional disability insurance (Bir). ESTY 24.5 III.  |

#### Strong growth in longevity solutions and conventional R/I







### Satisfying investment income despite challenging markets Rol at 3.9%

| in m. EUR                                   | 2010  | Q4/2011 | 2011  | Rol   |   |
|---|-------|---------|-------|-------|---|
| Ordinary investment income*                 | 884   | 252     | 969   | 3.6%  |   |
| Realised gains/losses                       | 162   | 66      | 180   | 0.7%  |   |
| Impairments/appreciations and depreciations | 3     | 10      | 6     | 0.0%  |   |
| Unrealised gains/losses                     | (40)  | 31      | (39)  | -0.1% |   |
| Investment expenses                         | (67)  | (17)    | (70)  | -0.3% |   |
| NII from assets under own mgmt.             | 943   | 342     | 1,046 | 3.9%  |   |
| NII from funds withheld                     | 316   | 92      | 339   |       |   |
| Total net investment income                 | 1,259 | 433     | 1,384 |       | 1 |

| Unrealised gains/losses<br>(Available for sale) | 31 Dec 10 |
|---|-----------|
| Fixed income                                    | 268       |
| Equities and shares in limited partnerships     | 277       |
| Total unrealised gains and losses               | 546       |

- Portfolio optimisation led to realised gains from sale of (semi-) government bonds and CLOs
- Appreciations overcompensate impairments and depreciations
- Unrealised losses y-o-y unchanged but volatile within 2011 quarters (mainly affected by Modco losses of EUR -55 m. with some relief from inflation swaps of EUR +12 m.)
- ► Further increase in net investment income from funds withheld due to higher volume
- Unrealised reserves in the investment portfolio continued to rise despite realisations



<sup>31</sup> Dec 11

416

222

639

Increase of 9.6% in ordinary investment income\*

<sup>\*</sup> Incl. results from associated companies

## Further investments into corporate and covered bonds Volume increase due to strong cash flow and increased valuations

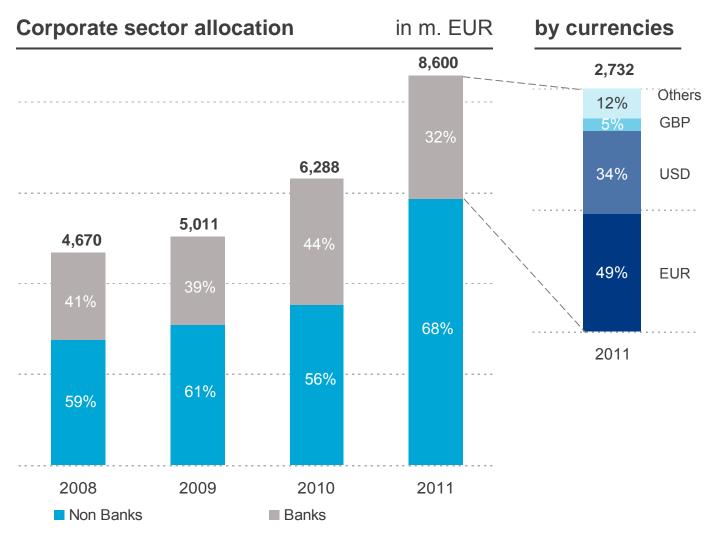
| Tactical Asset Allocation <sup>1)</sup> |      |      |      |      |                   |
|---|------|------|------|------|-------------------|
| Investment category                     | 2007 | 2008 | 2009 | 2010 | 2011              |
| Fixed-income securities                 | 79%  | 89%  | 87%  | 84%  | 89%               |
| Governmentals                           | 19%  | 28%  | 25%  | 23%  | 19%               |
| Semi-governmentals                      | 20%  | 23%  | 26%  | 21%  | 23%               |
| Corporates                              | 26%  | 23%  | 22%  | 25%  | 30%               |
| Investment grade                        | 24%  | 22%  | 20%  | 24%  | 29%               |
| Non-investment grade                    | 2%   | 1%   | 2%   | 1%   | 1%                |
| Pfandbriefe, Covered Bonds, ABS         | 15%  | 15%  | 15%  | 16%  | 16% <sup>2)</sup> |
| 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%   | 5%                |
| Total balance sheet values in bn. EUR   | 19.8 | 20.1 | 22.5 | 25.4 | 28.3              |

<sup>1)</sup> Economic view based on market values without outstanding commitments for Private Equity and Alternative Real Estate as well as fixed-income investments of EUR 451.9 m. (EUR 272.6 m.) as per 31 December 2011



<sup>2)</sup> Of which Pfandbriefe and Covered bonds = 86%

## Corporate bonds allocation with reduced financials exposure Strong increase of industrials in 2011



Economic view based on market value as at 31 December 2011



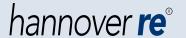
#### **Target matrix 2011**

|                     |  | Strategic               |         |          |
|---------------------|--|-------------------------|---------|----------|
| Business group      | Key figures  | targets                 | 2011    |          |
| Non-life R/I        | Combined ratio   | <100% <sup>1)</sup>     | 104.3%  |          |
|                     | Net major loss expectancy <sup>2)</sup> (in m. EUR)          | ≤530                    | 981     |          |
|                     | EBIT margin <sup>3)</sup>                                    | ≥10%                    | 10.1%   | <b>✓</b> |
|                     | IVC margin <sup>4)</sup>                                     | ≥2.0%                   | 1.5%    |          |
| Life and health R/I | Gross-premium growth (year-on -year)                         | 10% - 12% <sup>5)</sup> | 3.5%    |          |
|                     | EBIT margin <sup>3)</sup>                                    | ≥6%                     | 4.5%    |          |
|                     | MCEV growth  | ≥10%                    | n.a.    |          |
|                     | Value of New Business (VNB) growth                           | ≥10%                    | n.a.    |          |
| Group               | Return on investments <sup>6)</sup>                          | ≥3.5% <sup>7)</sup>     | 3.9%    | <b>✓</b> |
|                     | Return on equity   | ≥10.6% <sup>8)</sup>    | 12.8%   | <b>✓</b> |
|                     | EBIT growth (year-on-year)                                   | ≥10%                    | (28.6%) |          |
|                     | Earnings per share growth (year-on-year) → Triple-10 targets | ≥10%                    | (19.1%) |          |
|                     | Book value per share growth (year-to-date)                   | ≥10%                    | 10.2%   | <b>√</b> |

- 1) 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%
- 3) EBIT/Net premium earned
- 5) Thereof 7% 9% p.a. from organic growth and in the medium term on average 3% p.a. from opportunistic BATs
- 7) Risk-free rate + cost of capital n.a. not available

- Incl. expected net NatCat loss and 2.5% long-term average of man-made losses
- 4) IVC/Net premium earned
- 6) Assets under own management only, excl. inflation swaps
- 8) 5-year average government-bond yield = 3.1% + 750 bps





Outlook 2012

#### We have a good basis for positive results in 2012

#### Non-life reinsurance

Improved overall rating quality should have a positive effect on the combined ratio provided large losses remain within budget

#### Life and health reinsurance

▶ We expect continuous profitable organic growth with an attractive EBIT-margin

#### **Investments**

▶ Based on the structure of our investment portfolio we expect to achieve a return of around 3.5% on our increased investment volume



#### **Guidance for 2012**

#### Hannover Re Group

|          | Gross written premium (GWP) <sup>1)</sup> ~ +5% - +7%     |
|----------|---|
|          | • Non-life reinsurance <sup>1)</sup> ~ +5% - +7%          |
|          | • Life and health reinsurance <sup>1)2)</sup> ~ +5% - +7% |
| <b>•</b> | Return on investment <sup>3)</sup> ~ 3.5%                 |
| •        | Dividend pay-out ratio <sup>4)</sup>                      |



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

<sup>2)</sup> Organic growth

<sup>3)</sup> Subject to no major distortions in capital markets; excluding effects from inflation swaps

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

## Growth in most lines and satisfying profitability expected Development of lines of business (C/Y)

| Non-life reinsur | ance                             | 20                   | 12e                         |
|------------------|----------------------------------|----------------------|-----------------------------|
| 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>      | $\rightarrow$        | +                           |
| Global<br>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)

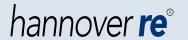
<sup>3)</sup> All lines of business except those stated separately

# Life and health R/I should continue its success story in 2012 Development of lines of business (C/Y)

| Life and health reinsurance | 2012e                |                             |  |  |
|-----------------------------|----------------------|-----------------------------|--|--|
| The five pillars            | Volume <sup>1)</sup> | Profitability <sup>2)</sup> |  |  |
| Financial Solutions         | 7                    | ++                          |  |  |
| New Markets                 | $\rightarrow$        | +/-                         |  |  |
| Bancassurance               | $\rightarrow$        | +                           |  |  |
| Multinationals              | 7                    | +                           |  |  |
| Conventional R/I            | 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)



**Appendix** 

# Our strategic business groups at a glance Full-year comparison

|   | _     | n-life<br>urance |       | d health<br>urance | To     | otal   |
|---|-------|------------------|-------|--------------------|--------|--------|
| in m. EUR   | 2010  | 2011             | 2010  | 2011               | 2010   | 2011   |
| Gross written premium                             | 6,339 | 6,826            | 5,090 | 5,270              | 11,429 | 12,096 |
| Change in GWP                                     | -     | +7.7%            | -     | +3.5%              | -      | +5.8%  |
| Net premium earned                                | 5,394 | 5,961            | 4,654 | 4,789              | 10,047 | 10,752 |
| Net underwriting result                           | 82    | (269)            | (277) | (276)              | (185)  | (536)  |
| - Net underwritung result Incl. funds withheld    | 95    | (254)            | 27    | 48                 | 131    | (197)  |
| Net investment income                             | 721   | 845              | 508   | 513                | 1,259  | 1,384  |
| - From assets under own management                | 709   | 831              | 204   | 188                | 943    | 1,046  |
| - From funds withheld                             | 12    | 14               | 304   | 324                | 316    | 339    |
| Other income and expenses                         | 76    | 23               | 53    | (19)               | 104    | (7)    |
| Operating profit/loss (EBIT)                      | 880   | 599              | 284   | 218                | 1,178  | 841    |
| Interest on hybrid capital                        | (0)   | (0)              | 0     | (0)                | (89)   | (99)   |
| Net income before taxes                           | 880   | 599              | 284   | 218                | 1,089  | 742    |
| Taxes   | (220) | (78)             | (61)  | (31)               | (258)  | (65)   |
| Net income  | 659   | 522              | 223   | 187                | 831    | 677    |
| - Non-controlling interest                        | 78    | 66               | 4     | 5                  | 82     | 71     |
| Group net income                                  | 581   | 456              | 220   | 182                | 749    | 606    |
| Retention   | 88.9% | 91.3%            | 91.7% | 91.0%              | 90.1%  | 91.2%  |
| Combined ratio (incl. interest on funds withheld) | 98.2% | 104.3%           | 99.4% | 99.0%              | 98.7%  | 101.8% |
| EBIT margin (EBIT/Net premium earned)             | 16.3% | 10.1%            | 6.1%  | 4.5%               | 11.7%  | 7.8%   |
| Tax ratio   | 25.1% | 13.0%            | 21.4% | 14.1%              | 23.7%  | 8.8%   |
| Earnings per share                                | 4.82  | 3.78             | 1.82  | 1.51               | 6.21   | 5.02   |



# Our strategic business groups at a glance Q4-comparison

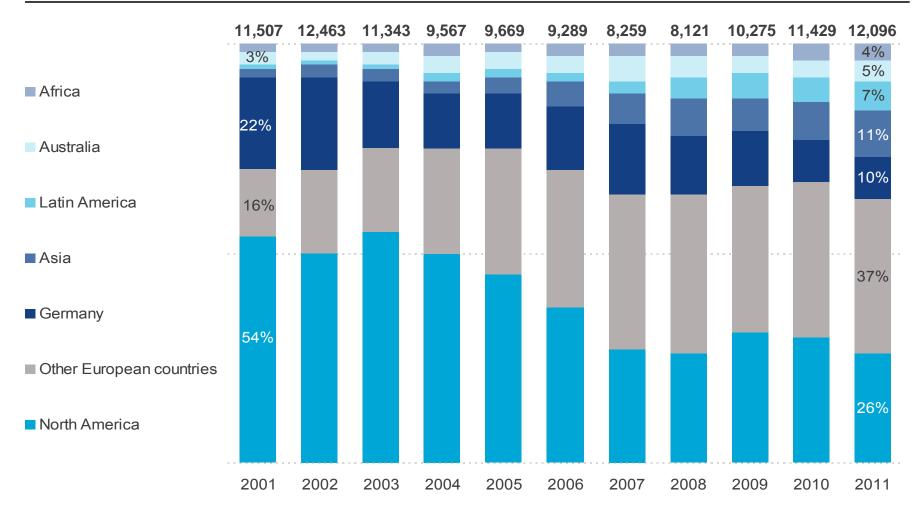
|   | _       | n-life<br>urance |         | d health<br>urance | To      | otal    |
|---|---------|------------------|---------|--------------------|---------|---------|
| in m. EUR   | Q4/2010 | Q4/2011          | Q4/2010 | Q4/2011            | Q4/2010 | Q4/2011 |
| Gross written premium                             | 1,514   | 1,605            | 1,360   | 1,427              | 2,874   | 3,031   |
| Change in GWP                                     | -       | +6.0 %           | -       | +4.9 %             | -       | +5.5 %  |
| Net premium earned                                | 1,327   | 1,570            | 1,249   | 1,302              | 2,576   | 2,872   |
| Net underwriting result                           | 50      | (40)             | (85)    | (85)               | (32)    | (122)   |
| - Net underwritung result Incl. funds withheld    | 55      | (36)             | 3       | 2                  | 61      | (31)    |
| Net investment income                             | 244     | 264              | 139     | 163                | 387     | 433     |
| - From assets under own management                | 239     | 260              | 51      | 75                 | 294     | 342     |
| - From funds withheld                             | 5       | 4                | 88      | 87                 | 93      | 91      |
| Other income and expenses                         | (48)    | 42               | 17      | 2                  | (39)    | 40      |
| Operating profit/loss (EBIT)                      | 246     | 266              | 71      | 79                 | 316     | 351     |
| Interest on hybrid capital                        | 0       | (0)              | 0       | (0)                | (31)    | (22)    |
| Net income before taxes                           | 246     | 266              | 71      | 79                 | 285     | 329     |
| Taxes   | (93)    | (79)             | (21)    | (10)               | (109)   | (78)    |
| Net income  | 153     | 187              | 49      | 69                 | 177     | 251     |
| - Non-controlling interest                        | 10      | 26               | 0       | 0                  | 10      | 27      |
| Group net income                                  | 143     | 161              | 49      | 69                 | 167     | 224     |
| Retention   | 83.6%   | 94.3%            | 92.1%   | 90.8%              | 87.6%   | 92.6%   |
| Combined ratio (incl. interest on funds withheld) | 95.9%   | 102.3%           | 99.8%   | 99.8%              | 97.6%   | 101.1%  |
| EBIT margin (EBIT/Net premium earned)             | 18.5%   | 17.0%            | 5.7%    | 6.1%               | 12.3%   | 12.2%   |
| Tax ratio   | 37.9%   | 29.8%            | 30.0%   | 12.1%              | 38.1%   | 23.7%   |
| Earnings per share                                | 1.19    | 1.33             | 0.41    | 0.57               | 1.38    | 1.86    |



## Well balanced international portfolio Strongest growth in UK and emerging markets

#### **Gross written premium (Group)**

in m. EUR



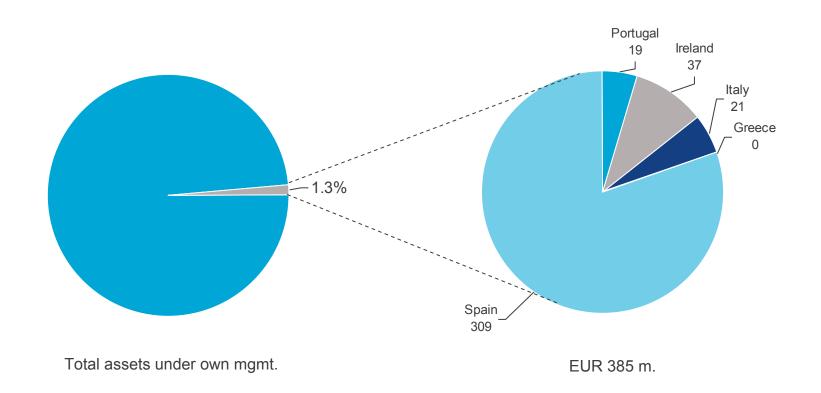


#### Stress tests on assets under own management

| Portfolio Scenario      |                | Change in market value in m. EUR | Changes in OCI before tax in m. EUR |      |
|-------------------------|----------------|----------------------------------|-------------------------------------|------|
| Equities                | Prices         | -10%                             | -4                                  | -4   |
| Equities                | Prices         | -20%                             | -8                                  | -8   |
| Equities                | Prices         | -30%                             | -12                                 | -12  |
| Fixed-income securities | Yield increase | +50 bps                          | -559                                | -388 |
| Fixed-income securities | Yield decline  | -50 bps                          | 582                                 | 404  |
| Fixed-income securities | Yield increase | +100 bps                         | -1,092                              | -758 |
| Fixed-income securities | Yield decline  | -100 bps                         | 1,189                               | 826  |

# No material exposure in Southern Europe and Ireland\* Merely 1.3% of total assets under own management

Asset allocation in m. EUR

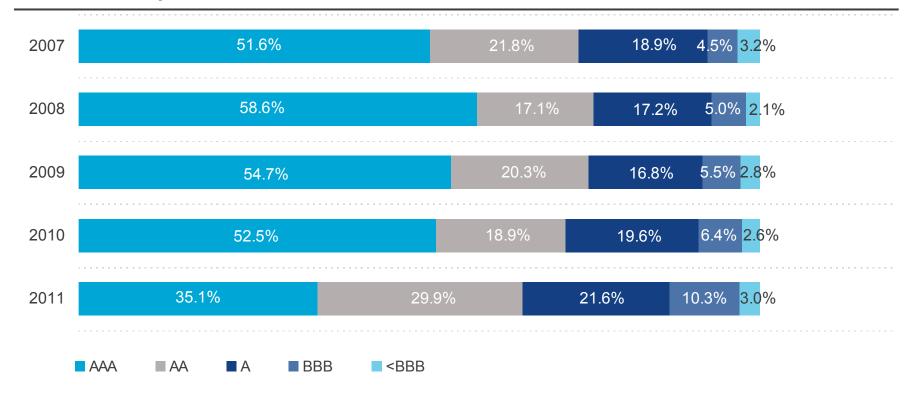


<sup>\*</sup> Investments in governmentals and semi-governmentals Economic view based on market value as at 31 December 2011

# Focus on high-quality securities US downgrade affects rating structure

#### Fixed-income portfolio

in m. EUR



S&P financial strength rating Economic view based on market value as at 31 December 2011

Modified duration as of 31 Dec 2011: 4.2 (2010: 3.5)



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

|  | Governmentals | Semi-<br>governmentals | Corporates | Pfandbriefe,<br>Covered Bonds,<br>ABS | Short-term investments, cash | Total  |
|--|---------------|------------------------|------------|---------------------------------------|------------------------------|--------|
| AAA  | 35.9%         | 55.7%                  | 2.2%       | 66.7%                                 | -                            | 35.1%  |
| AA   | 45.3%         | 40.1%                  | 15.9%      | 23.4%                                 | -                            | 29.9%  |
| А  | 11.9%         | 3.0%                   | 52.2%      | 2.4%                                  | -                            | 21.6%  |
| BBB  | 4.7%          | 0.6%                   | 25.1%      | 3.1%                                  | -                            | 10.3%  |
| <bbb< td=""><td>2.1%</td><td>0.5%</td><td>4.6%</td><td>4.4%</td><td>-</td><td>3.0%</td></bbb<> | 2.1%          | 0.5%                   | 4.6%       | 4.4%                                  | -                            | 3.0%   |
| Total  | 100.0%        | 100.0%                 | 100.0%     | 100.0%                                | -                            | 100.0% |
| Germany  | 6.5%          | 41.1%                  | 8.2%       | 34.2%                                 | 25.5%                        | 21.3%  |
| UK   | 10.1%         | 6.1%                   | 11.0%      | 8.2%                                  | 5.0%                         | 8.8%   |
| France   | 8.1%          | 3.1%                   | 7.6%       | 11.0%                                 | 1.5%                         | 6.8%   |
| GIIPS  | 6.4%          | 0.5%                   | 5.1%       | 13.7%                                 | 0.0%                         | 5.5%   |
| Rest of Europe   | 6.0%          | 17.1%                  | 17.8%      | 21.0%                                 | 3.1%                         | 14.9%  |
| USA  | 39.2%         | 9.6%                   | 34.2%      | 6.9%                                  | 10.4%                        | 23.2%  |
| Australia  | 5.6%          | 13.4%                  | 7.4%       | 0.2%                                  | 12.4%                        | 7.5%   |
| Asia   | 10.7%         | 1.1%                   | 2.1%       | 0.0%                                  | 25.4%                        | 4.6%   |
| Rest of World  | 7.3%          | 8.1%                   | 6.8%       | 4.9%                                  | 16.7%                        | 7.4%   |
| Total  | 100.0%        | 100.0%                 | 100.0%     | 100.0%                                | 100.0%                       | 100.0% |

As at 31 December 2011

#### Bank exposure per rating and country/region

|                | AA    | А     | BBB   | <bbb< th=""><th>Total</th></bbb<> | Total  |
|----------------|-------|-------|-------|-----------------------------------|--------|
| Germany        | 2.3%  | 6.5%  | 2.8%  | -                                 | 11.7%  |
| UK             | 0.3%  | 10.1% | 0.1%  | -                                 | 10.5%  |
| France         | 2.1%  | 8.0%  | 0.2%  | -                                 | 10.3%  |
| Netherlands    | 5.8%  | 3.1%  | 1.1%  | -                                 | 10.0%  |
| Sweden         | 3.4%  | 1.2%  | -     | -                                 | 4.6%   |
| GIIPS          | 1.8%  | 5.4%  | 1.3%  | -                                 | 8.5%   |
| Switzerland    | 2.0%  | 2.2%  | 0.1%  | -                                 | 4.3%   |
| Rest of Europe | 0.2%  | 3.6%  | 0.6%  | 0.8%                              | 5.2%   |
| USA            | 0.2%  | 13.0% | 2.3%  | 0.3%                              | 15.8%  |
| Australia      | 8.5%  | 0.9%  | 0.5%  | -                                 | 9.8%   |
| Asia           | 0.4%  | 1.5%  | 1.2%  | 0.3%                              | 3.4%   |
| Rest of World  | 2.7%  | 0.4%  | 2.3%  | 0.6%                              | 5.9%   |
| Total          | 29.7% | 55.8% | 12.6% | 1.9%                              | 100.0% |

<sup>\*</sup> Economic view based on market values as at 31 December 2011

Total bank exposure: EUR 2,732 m.\*



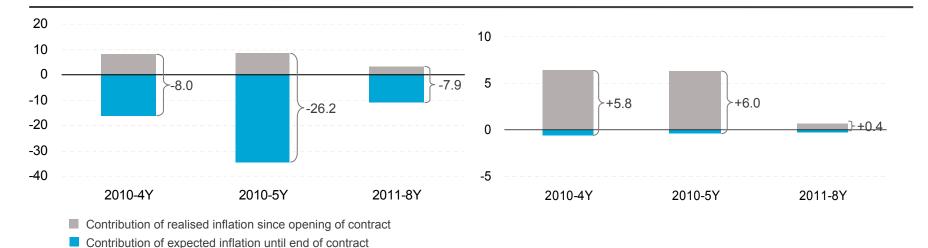
### Inflation swaps affected by lower US inflation expectations Positive contribution of realised EUR- and US-inflation

- 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)
- Positive contribution of realised inflations (3.4% p.a. (USD) and 3.0% p.a. (EUR))
- Overcompensation for USD by low traded US inflation expectations

| Aggregated volume USD           | USD 2,530 m.                |
|---------------------------------|-----------------------------|
| Aggregated volume EUR           | EUR 930 m.                  |
| Covered level of inflation      | 2.17%                       |
| Market values as of 31 Dec 2011 | USD -42.1 m.<br>EUR 12.2 m. |

#### Market position as at 31 Dec 2011 . . . in m. USD

. . .and in m. EUR





### Impact of the inflation swaps Overview of sensitivities

Current (31 Dec 2011) holding of inflation swaps at EUR 2.8 bn. (equivalent swap volume) reacts as follows to underlying risk factors:

|                                  | Change in market value in m. EUR |
|----------------------------------|----------------------------------|
| Inflation expectation*: +100 bps | +99                              |
| Inflation expectation*: -100 bps | -96                              |
| Inflation expectation*: +400 bps | +413                             |
| 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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