

Solvency II Challenges and industry impact

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Solvency II

Agenda:

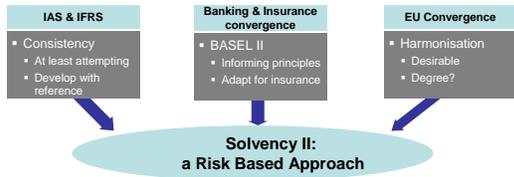
- What is Solvency II and where is it up to
- Quantitative Impact Study II (QISII)
- Assessment of Impact
- Future Challenges
- Timetable

Background: Solvency I vs. Solvency II

- **Solvency I (1970s)**
 - 'Prudent' valuation of liabilities reflects local accounting practices
 - Simplistic capital requirements
 - Asset risk managed by quantitative restrictions rather than capital
 - No provision for risk review
- **Solvency II (2010 or later?)**
 - Risk based approach
 - Three pillar approach
 - Overall risk management
 - Structure of EU insurance supervision
 - Covers entire insurance industry



Solvency II project – drivers

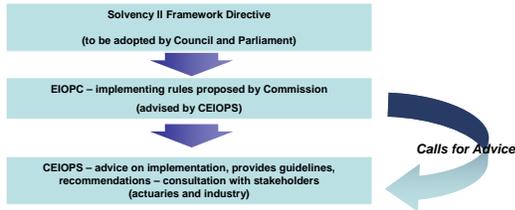


- Freedom for firms to innovate and respond to market demands, provided:
 - they identify and manage the risks and
 - have adequate capital to support those risks
- Maintaining strong consumer protection
- Minimising regulatory burden

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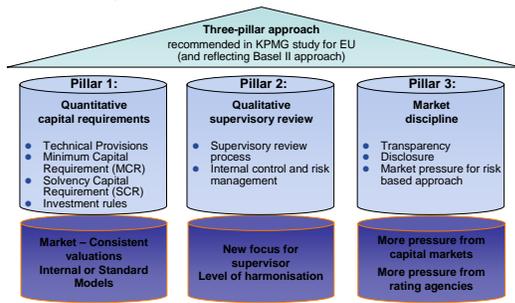
Phase 2 structure

- EIOPC (European Insurance and Occupational Pensions Committee)
- CEIOPS (Committee of European Insurance and Occupational Pensions Supervisors)



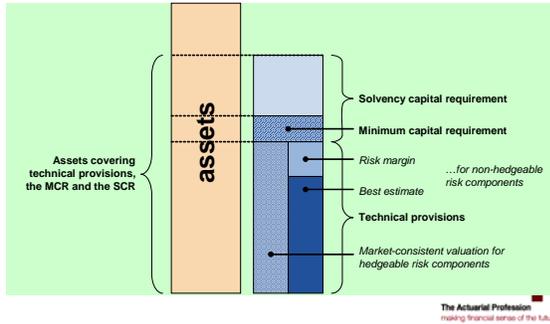
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Solvency II – Three Pillar Approach

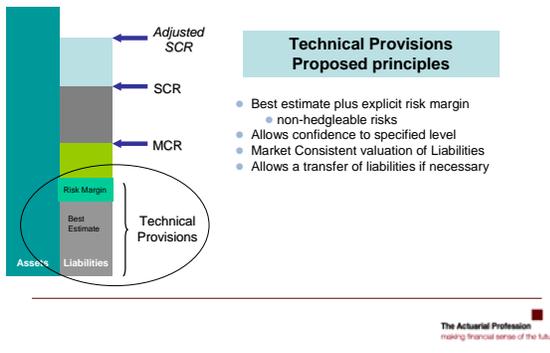


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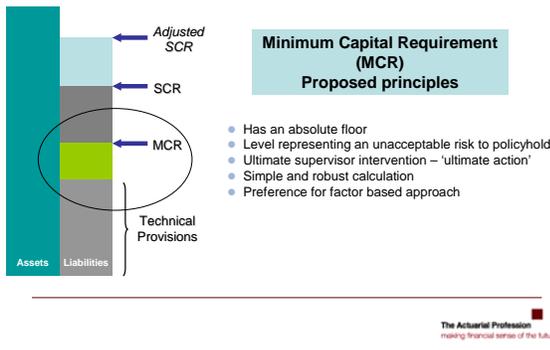
Adequacy of financial resources



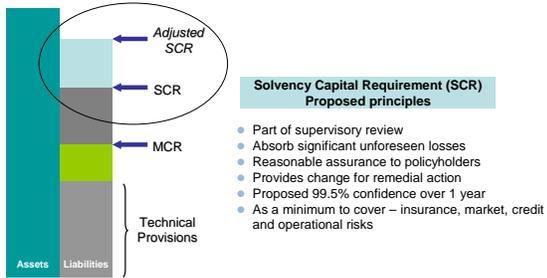
Solvency II – Financial Resources



Solvency II – Financial Resources



Solvency II – Financial Resources



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Other areas: Asset management rules

- Currently quantitative restrictions and eligibility rules
 - (only vis-à-vis technical provisions)
- Asset risk should be encompassed in SCR
- CEIOPS recommended Prudent Person Plus
 - Approach is sensible guidance for firms' investment strategy
 - Some asset concentration limits
- Possibility for additional capital requirement for poor diversification
 - via Pillar 2

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Summary of Key Differences

	Risk Based Economic Framework	Current Framework
Valuation of Assets	Market consistent	Market / book value subject to admissibility
Valuation of Liabilities	Market consistent	Prudential margins included in technical provisions
Available Capital	Adopts total balance sheet – based on economic ability to absorb shock	Partial recognition
Diversification	Yes	No
Risk mitigation	Yes	Partially
Solvency Control Levels	SCR important target, MCR hard limit	Only single control level – supplemented by various national rules
Group Issues	Fully recognised	Partially recognised
Calibration	Economic basis using market / historical data and actual experience – more objective	Subjective

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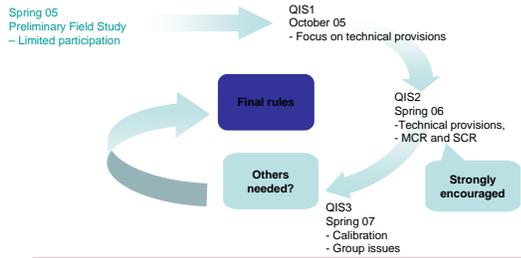
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QIS – Quantitative Impact Studies

Critical to the development process



QIS 2 Objectives

- Look at impact on individual entities of possible overall Solvency II framework, covering
 - Practicability of calculations, and resource implications
 - Effect on level of capital needed by firms
 - Suitability of approaches for establishing capital requirements
- Information to assist in further development and calibration of SCR and MCR

UK QIS 2 participation*

- Sample size: 40 responses
 - 17 life
 - 21 non-life
 - 2 composites
- Market coverage by annual premium
 - 65% for life
 - 67% for non-life
- Life – With-profit, Linked & Protection
- Non-life – Personal lines & Commercial
- 3 pure reinsurers (life & non-life)
- 7 mutuals (life & non-life)

Only 2 respondents could be classified as small!

* Source: FSA

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Technical provisions: Highlighted issues

- Best Estimate
 - Calculation and robustness of methodology
- Cost of Capital approach v. 75th percentile
 - Practicability and suitability of approaches to measure risk margin
- Market-consistent valuation of liabilities
 - No clear definition
 - Solvency II v. IFRS

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MCR: Highlighted issues (1)

- Formulaic construction
- Arbitrary calibration
- Ratio of MCR to SCR
 - L: Inadequate reflection of profit-sharing business ('k factor')
 - NL: No adjustment for expected profitability (EP_{NL})
- Proposed response (1): Sticking with what we know – Modular approach

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MCR: Highlighted issues (2)

- Proposed response (2): Back to the drawing board – Compact approach*



* http://www.fsa.gov.uk/pubs/international/mcr_pres.pdf

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SCR: Highlighted issues (1)

- Combined formulaic and scenario approach
 - Not all risks can be reduced to fixed factors
 - Setting appropriate scenarios
- Internal model v standard approach(es)
 - Full recognition by supervisors of internal models
 - 'Use test'

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SCR: Highlighted issues (2)

- Role of Pillar 2
 - Individual Risk and Capital Assessment (IRCA)
 - Supervisory Review Process (SRP)
- Disclosure under Pillar 3
 - Adjusted SCR is the SCR

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Overall impact on firms*

- Calibration for QIS2 very provisional!
- General reduction in solvency ratios across EU but most would still be well above 100%
- Greatest impact on 'capital' (cf Solvency I) for
 - With-profit life business
 - Non-life commercial and reinsurance business
 - Monoline insurers
 - Linked life business

* Source: FSA

Life insurance issues*

- Design of MCR
- Application of K factor
- Separate with-profit funds
- 'Capital' required for linked business
- Methodology & calibration for life u/w module
- Class VII operational risk factor

* Source: FSA

Other relevant issues

- Practicability for smaller firms
- Resource issues
- Cost-of-Capital v. 75th percentile
- Internal models or Scenarios
- Group diversification issues

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Future Challenges

- **Internal Models**
 - Initial focus on enhancing models
 - High of scrutiny to ensure fit for purpose
 - Recent ABI Survey of Finance Directors:
 - 79% thought that full recognition by supervisors of firms' internal capital models was as the most important change expected from Solvency II
- **Lots of the detail still needs to be worked out**
 - Still many areas where the current QIS specifications don't work well
- **Particular challenges for small firms**
 - Special rules needed for small firms?
- **More efficient use of capital**
 - Move from modeling of the measurement of capital to management impact
 - Alignment of risk and capital planning with business operations

Future Challenges

- **Opportunities**
 - Consistency across EU
 - Allows easier comparisons
 - Improves customer security
 - Consistency of Supervision approach
 - Group supervision made easier
 - More risk sensitive approach
- **Solvency II can be seen as a business opportunity rather than compliance**
 - Benefits for early action in developing models and data infrastructures, management understanding.
 - Benefits in capital and underwriting decisions

Next steps and timetable

