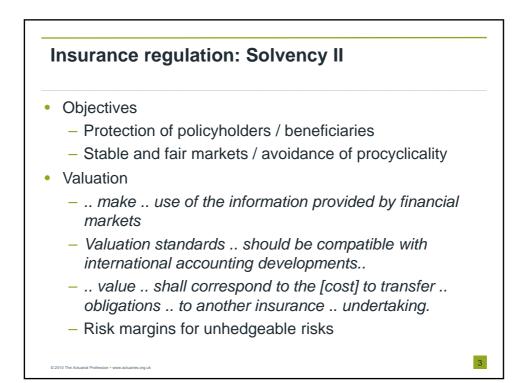
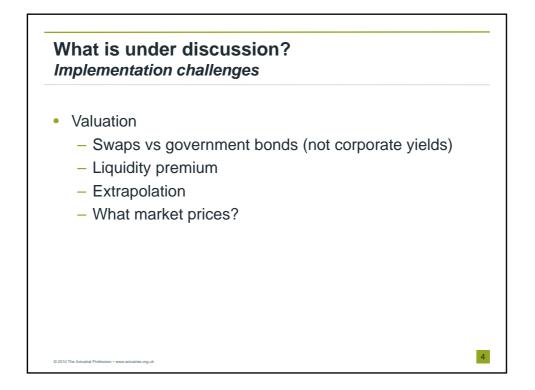
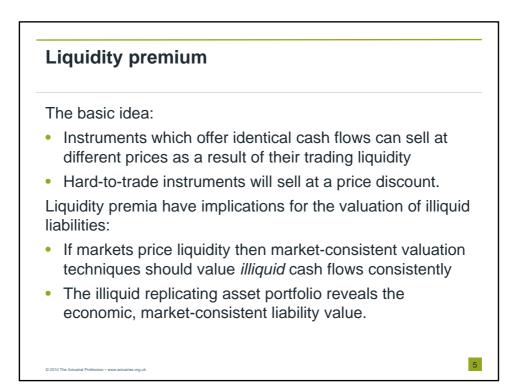


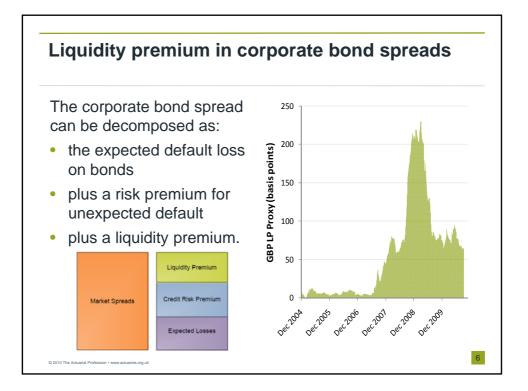
Introduction Insurance and pensions perspectives on: – valuation – security mechanisms / dealing with failure	Overview	
 Insurance and pensions perspectives on: valuation security mechanisms / dealing with failure 	Agenda	
 valuation security mechanisms / dealing with failure 	Introduction	
		on:
- governance	 security mechanisms / dealing with 	failure
5	 governance 	
Lessons	Lessons	
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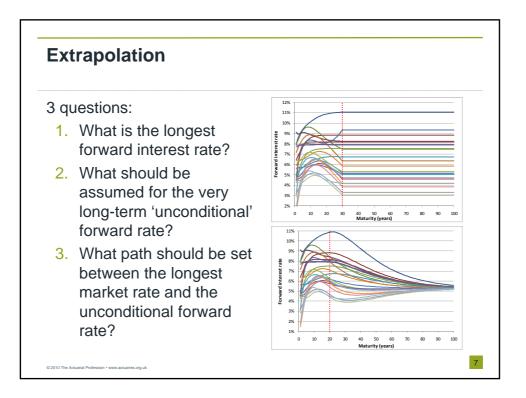


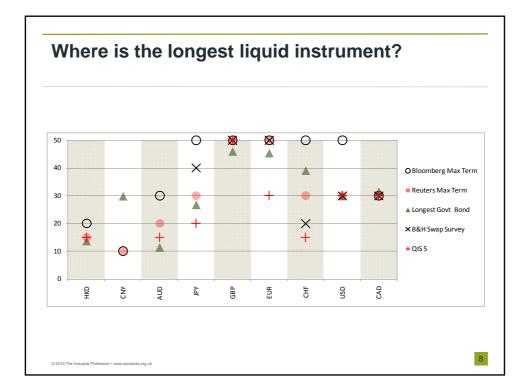


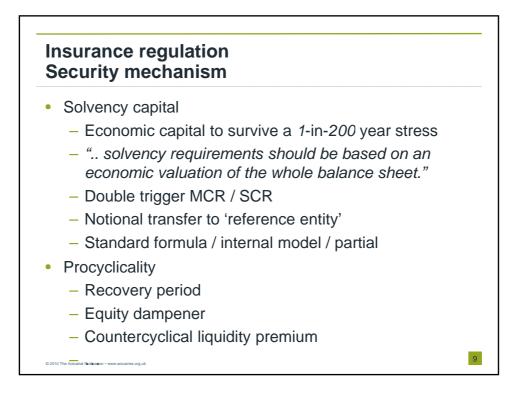


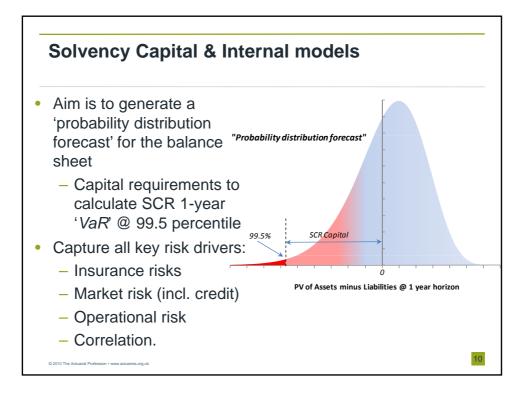




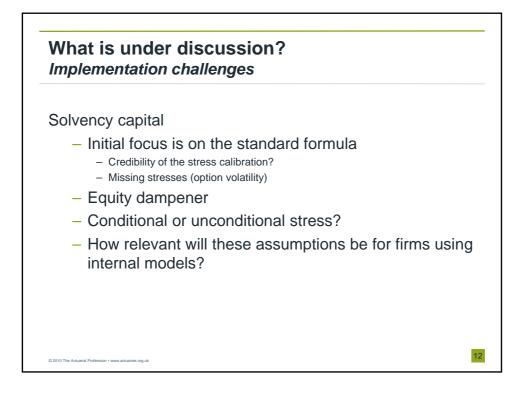


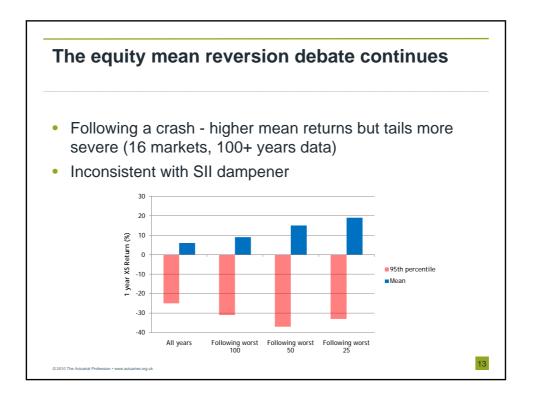


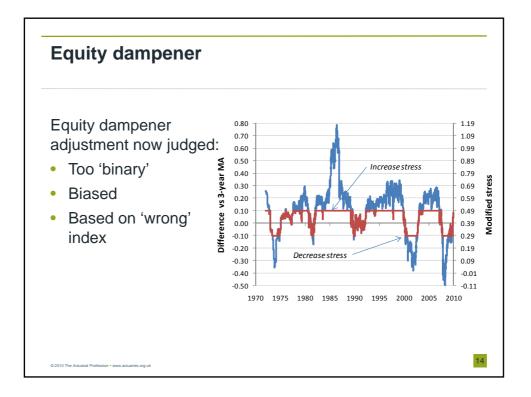


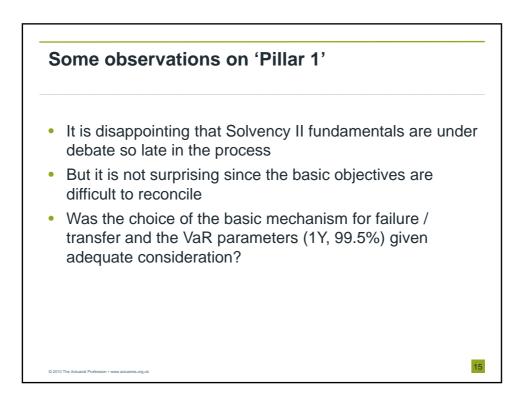


generic doubl	e-trigger' system	
Solvency ratio	The regulatory authority must check the accuracy of entities' reports. It has no control rights unless these reports reveal that the first (SCR) threshold is breached.	
First threshold (SCR)	The supervisor must carry out detailed investigations and agree corrective action to a specified timetable. It has the right to reject the proposals.	
Second threshold (MCR)	The supervisory authority [and the guarantee fund, if any,] have joint control of the entity.	





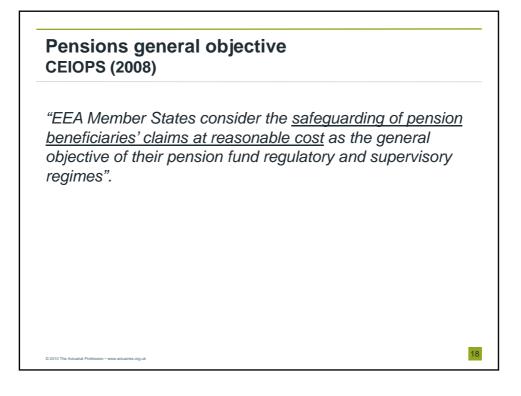


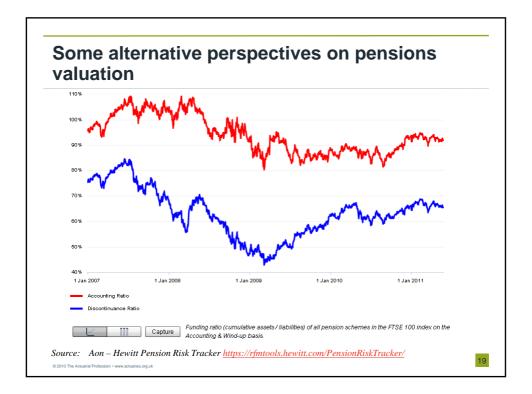


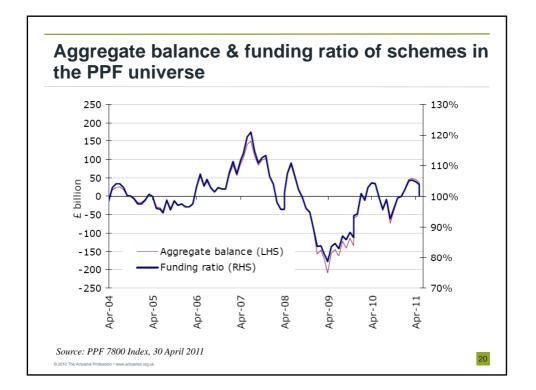
Pillar 5 (II & III) Internal Governance, Supervisory Review and Reporting

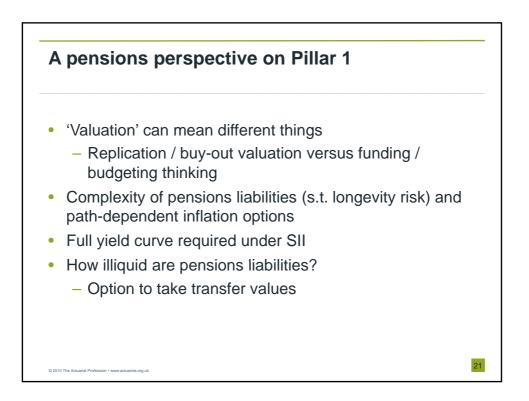
- A huge agenda for the board
 - Structures and mechanisms
- Own solvency and risk assessment (ORSA)
- What key lessons from the financial crisis?
 - Complexity
 - Suitability
 - Senior management understanding
 - Communication
 - Relatively successful firms were distinguished by:
 - Timing and quality of information flow up to senior people
 - Breadth and depth of internal communication

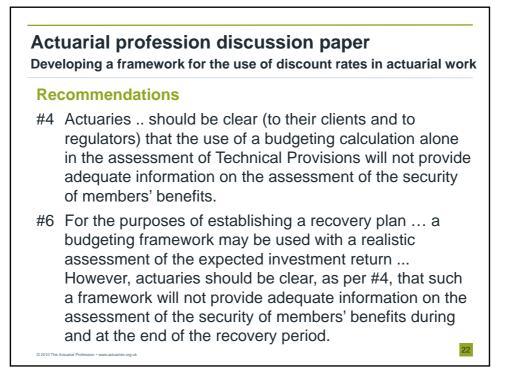
Some alternative views on Solvency II + Economic basis for value Flawed capital measure – and capital incompatible with procyclicality objective + Principles-based Increasingly political + Encourages development of risk management and - Decisions driven by start hedging capabilities point not end point + Strengthens governance, Bogged down in technical improves firms' know-how debate that should have been resolved years ago + Delivers security to – Doubt over market basis? policyholders + Lower CoC for firms? Huge cost burden on firms 17 and regulators.

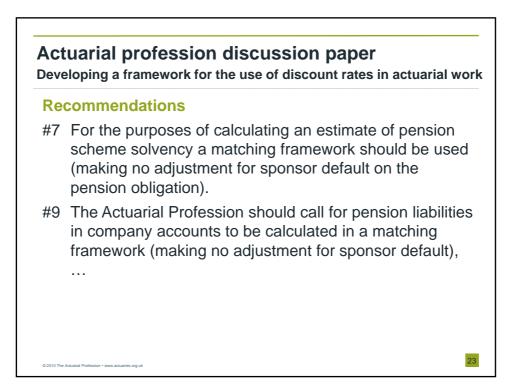












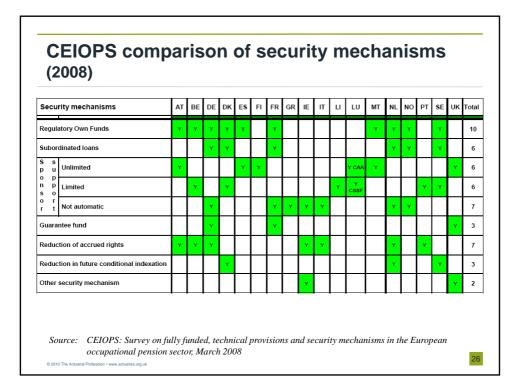
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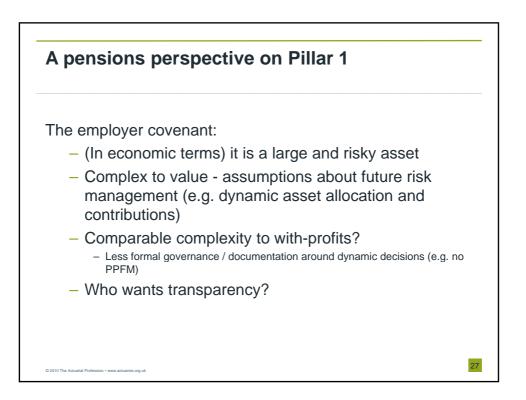
CEIOPS Archetype #1 pension framework

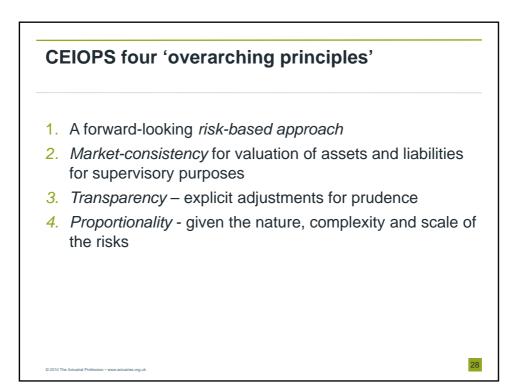
...the IORP is an independent legal entity, at some distance from the employer, with full recourse to own funds. ... has upfront provisions on its balance sheet to bear ... risks. This separate buffer implies that an adverse shock can be readily absorbed if appropriate funds are in place and that the ensuing economic and cyclical impact will be limited. However, the need for buffers increases the up-front cost to employers and ties up ..capital in beneficiaries' interests potentially above the level of security promised implying idle funds.

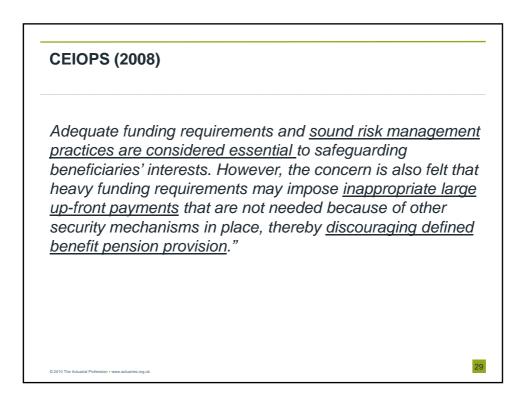


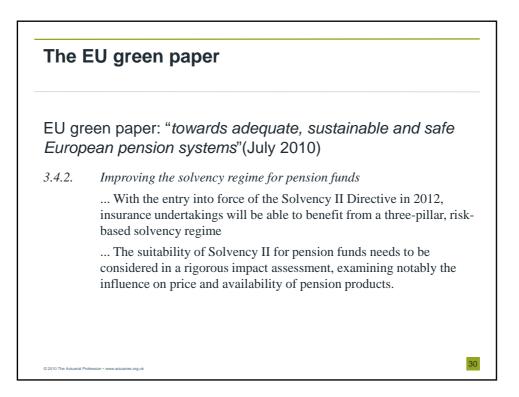
.. the sponsor and the IORP are closely related and the IORP may have been set up by the sponsor. The sponsor provides the ultimate pension security to its employees and stands ready to supply financing in the event of an adverse shock to the IORP. This set-up means the well-being of the IORP is linked to that of the employer. As the financial development of the IORP and the sponsor are likely to be correlated anyway — both will generally suffer during an economic downturn and vice versa — this harbours the possibility of unfavourable financial and procyclical implications.

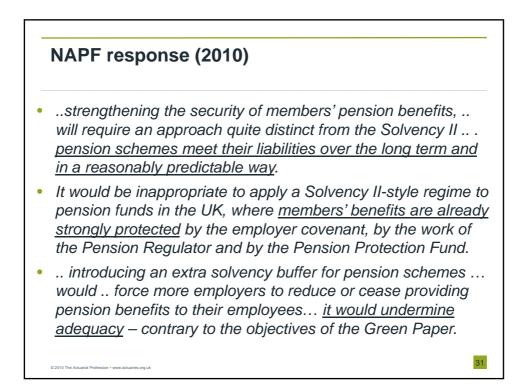












Lessons

- Fair value / market basis is the emerging standard for valuation
- There are unresolved practical questions associated with:
 - Choice and extrapolation of risk-free rate
 - Liquidity premia and their place in valuation
 - Non-traded exposures
- Forward-looking risk-based analysis will gain more prominence and encourage risk management action
- Insurance regulators aim to significantly raise governance standards relative to current practice
- Allowing the status quo to shape policy is profoundly unsatisfactory.



Solvency II as a template for DB Reform:
NAPF summary

Pillar I – quantitative		Pillar II – qualitative		Pillar III – disclosure	
SII requirements of insurers	Existing UK pensions regulation	SII requirements of insurers	Existing UK pensions regulation	SII requirements of insurers	Existing UK pensions regulation
Minimum capital requirements. Calculation of technical provisions.	Triennial valuations. Recovery plans approved by the Pensions Regulator. Calculation of technical provisions.	Internal governance. Internal risk management – Own Risk and Solvency Assessment (ORSA). Regulator power to impose extra capital requirements if ORSA unsatisfactory	Trustee governance & risk register. The Pensions Regulator's oversight of DB pension schemes. The Pensions Regulator's power to appoint trustees. Pension schemes' internal controls	Transparency. Disclosure. Publication of annual Solvency and Financial Condition Report. Link to IFRS II	Trustees must publish annual report. Disclosure regulations require annual statements to DC members. Accounting standards - IAS 19 and FRS 17.