

ALM operations: upping your game

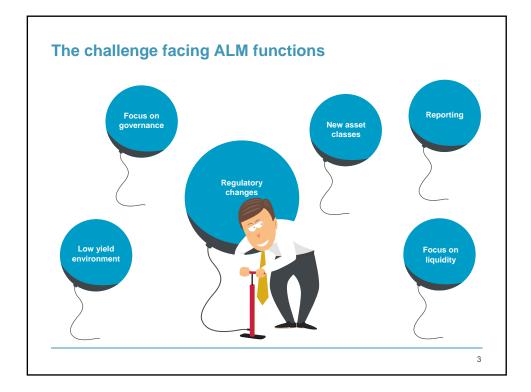
Malachy Magennis, Standard Life Ian Rogers, KPMG

10 November 2014

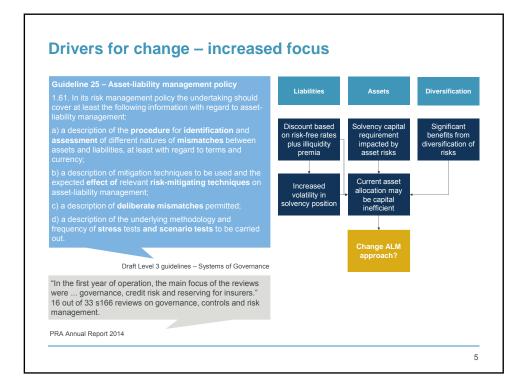
Agenda

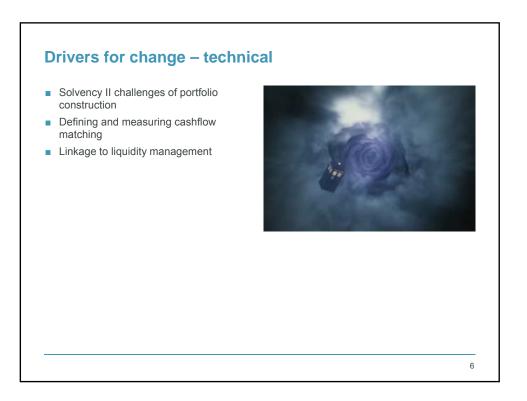
- The challenge facing ALM functions
- ALM activities
- Drivers for change
- What to do
- Benefits of getting it right

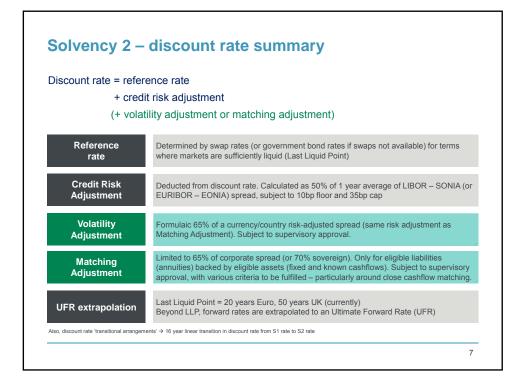
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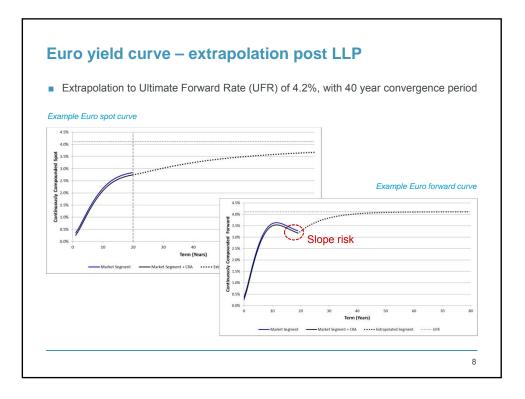


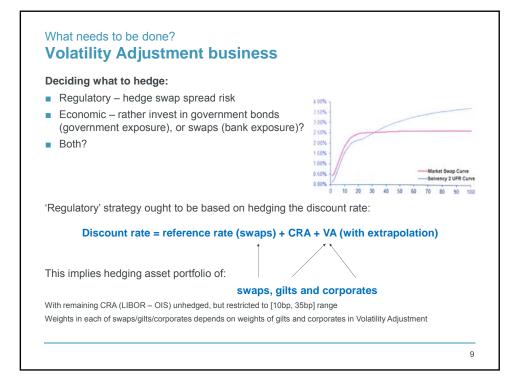
Activity	Involves	
Investment Policy	Set appropriate investment policy and risk-limit frameworks, which are consistent with the organisation's objectives, risk preferences and appetites.	
Liability driven investment	Construct portfolio of appropriate assets to match a policyholder/shareholder liabilities.	
Hedging	Hedge residual risks following the initial construction of a portfolio, subject to the organisation's risk preferences with respect to interest rates, inflation and other risk factors.	
Credit risk management	Defining and managing against counterparty exposure and asset concentration limits.	
Derivatives	Manage derivative exposures and collateral positions.	
Maintenance	Maintenance of investment mandates.	
Monitoring	Monitoring against solvency metrics, risk appetite statements or metrics, and escalating emergi issues. Implementing and monitoring management actions.	
Reporting	Investment risk reporting and analysis to Board/Risk committees.	
Driving performance	Policyholder – driving investment performance for policyholders. Shareholder – driving business performance through investment strategy and capital opportunities.	
Liquidity	Setting investment benchmarks in line with liquidity requirements, monitoring of liquidity and maintaining/inputting into liquidity plans.	

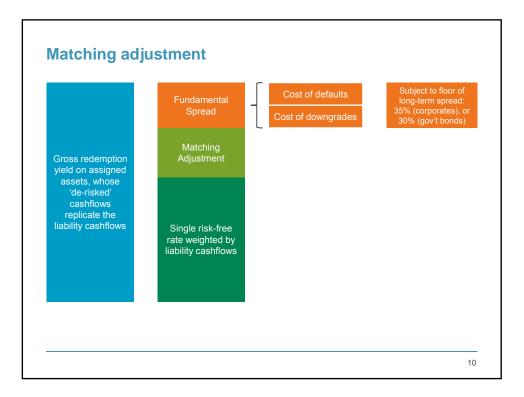




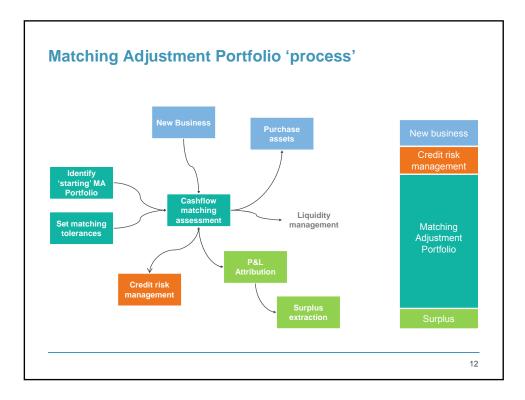




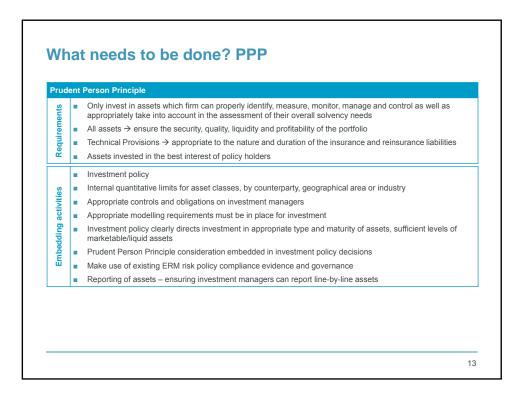


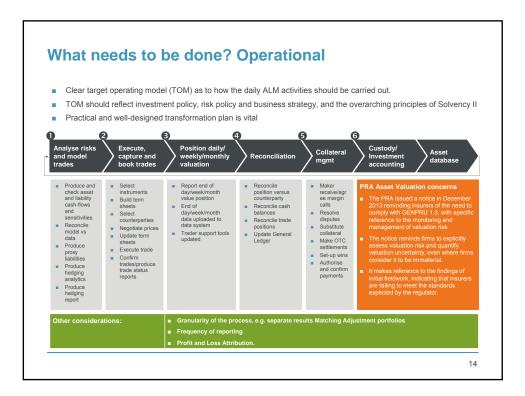


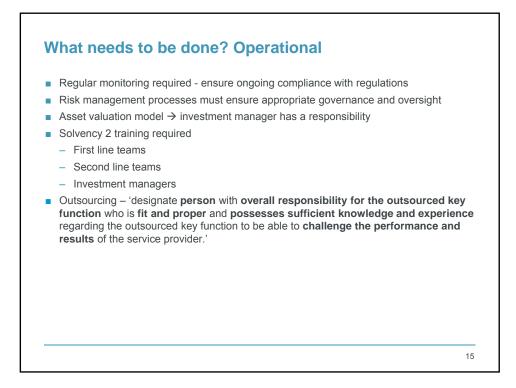
latc	hing Adjustment	
	Liabilities	Primarily annuities business
Requirements	Assets	Fixed and known cashflows
	Cashflow matching	Cumulative cashflow mismatch at each future point, shortfall at any future point, discounted shortfalls, SCR approach, and various other methods
	PRA feedback	(October 2014) - detail on callable bonds, eligibility structuring, active rebalancing, new business, surplus extraction, liquidity plans
	Application	(PRA Pre-Application: 1st December 2014 – 6th January 2015) Application process – PRA: from 1st April 2015
Embedding activities	MA or VA?	Firstly, need to decide on Matching Adjustment versus Volatility Adjustment
	Eligibility	Asset and liability assessment. 'Structuring' of otherwise ineligible assets
	Cashflow matching	Improving current matching, e.g. forward bond purchases, 'rollercoaster' swaps
		Regular monitoring and maintenance of cashflow matching
	Surplus extraction	Rigorous P&L Attribution, governance
	Portfolio identification	Separate identification of MA portfolio from other assets/liabilities
	Liquidity	Liquidity planning, monitoring and maintenance
	 ALM optimisation – maximise Matching Adjustment, subject to cost of capital 	
	 Note – IFRS profitability, until IFRS 4 Phase 2, will be based on Solvency 1 statutory reserves 	

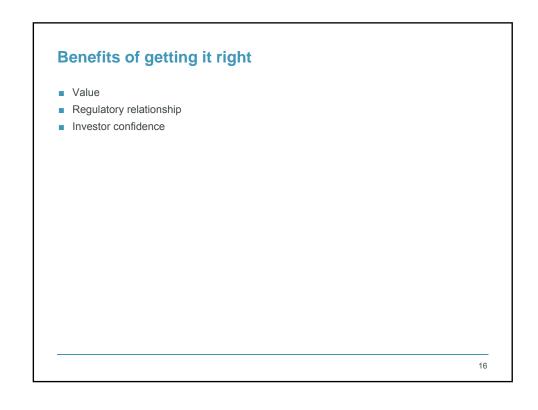


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