

Introduction

Objectives

- Develop your understanding of an ERM framework
- Discuss how to design key stages of the ERM framework
- Share our practical experiences in implementing the ERM framework

Agenda

- Designing the ERM programme
- Development of an appropriate risk appetite statement
- Governance and organisation
- Creation of effective risk MI

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Practical issues in implementing an ERM framework

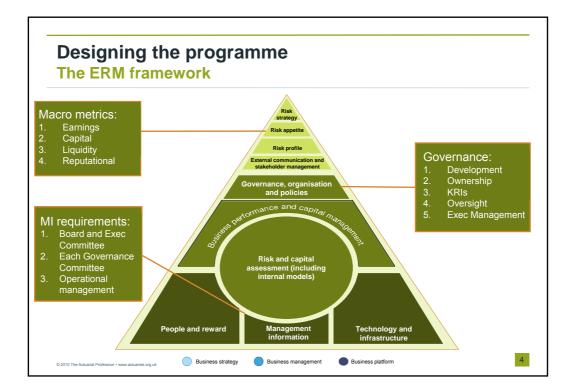
Section One

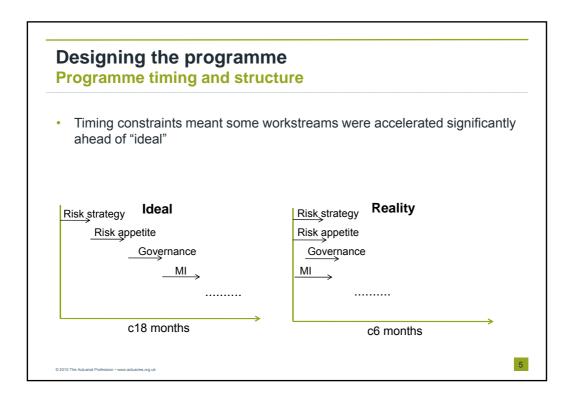
"Designing the programme"

Designing the programme Drivers for change

- Compliance with Solvency II requirements
 - Art 41 General governance "effective system for ensuring the transmission of information"
 - Art 43 Risk management "effective risk management system comprising strategies, processes and reporting procedures necessary to identify, measure, monitor, manage and report, on a continuous basis the risks, on an individual and aggregated level, to which they are or could be exposed, and their interdependencies"
 - Art 44 ORSA "compliance, on a continuous basis, with the capital requirements and with the requirements regarding technical provisions"
- · Increased focus on effective risk management
- · Changing culture in the insurance industry

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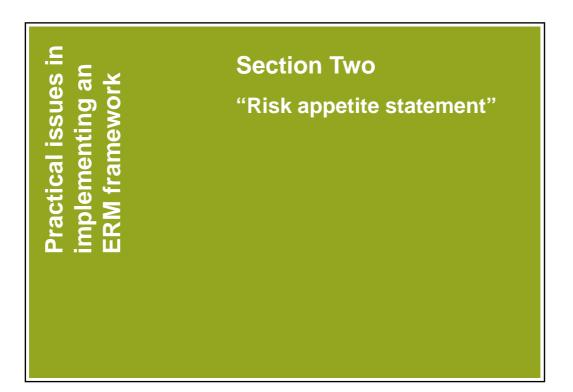


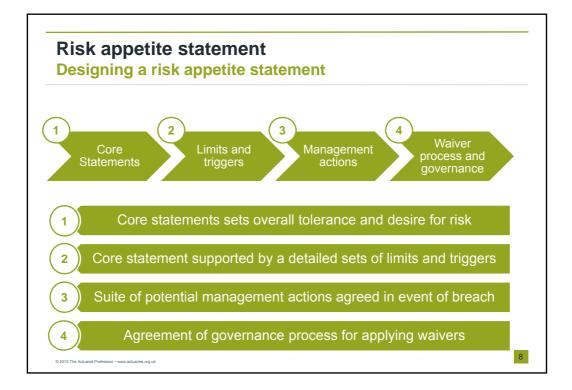
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- People
 - Resourcing BAU jobs
 - Key personnel have very limited time
- Systems
 - Existing systems inadequate
 - New technology solutions required
- Change
 - Managing change
 - Obtaining business buy-in
- Cost
 - Large programmes
 - Potentially significant costs in development

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Risk appetite statement Core risk appetite		
Capital	 Risk appetite supported by available capital Equilibrium between holding enough capital to withstand stress events and being over capitalised Tension between different metrics 	
Earnings	 Clear set of profitability boundaries Minimum long-term average return Different measures – IFRS, MCEV 	
Liquidity	 Sufficient liquidity to withstand extreme liquidity stress scenarios 	
Reputational	 Identify risks which could negatively impact reputation or brand Clearly communicate minimum standards to all staff 	

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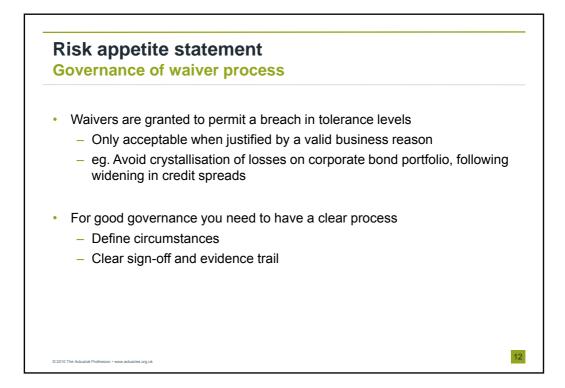
Risk appetite statement Triggers				
Select appropriate para	meters for the co	re risk appetite sta	atements	
Design triggers for each	core risk appetit	e statement		
Define the RAG tolerand			nt	
 Parameterisation and 		••	•	
Statement	Green	Amber	Red	
EEV Operating Profit	>£50m	≤ £50m	≤£45m	
Solvency coverage under demographic stresses	>200%	>150%	<150%	
Undiscounted payback period	≤9 years	≤10 years	>10 years	
RoC	>15%	≥14%	<14%	
Variance to plan of net non- underlying earnings	≤40%	≤50%	>50%	
Quarter-end coverage ratios - 7	>1.75	>1.5	≤1.5	
days				

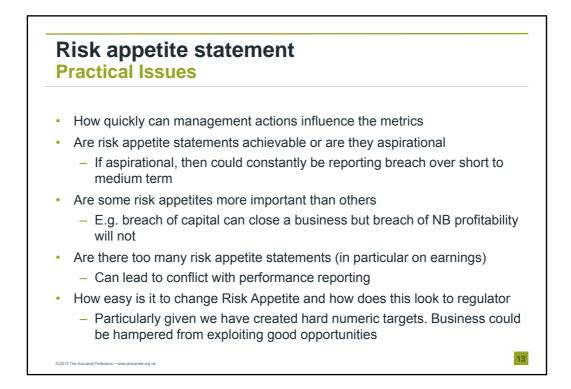
Risk appetite statement Management actions

- Determine possible management actions in event a trigger is breached
- Requires agreement and sign-off from Board

Example

Metrics	Risk Drivers	Suite of Management Actions
Capital	Credit spreads	 Rebalance fixed income portfolio Buy a hedge asset Other risk transfer Adjust capital plan
Capital	Interest rates	 Duration matching to minimise mis-match Limit new business growth or sell off business
Earnings	Longevity	 Limit new business growth Buy a hedge asset, subject to cost Balance product portfolio mix
Earnings	Persistency	•Adopt targeted persistency management programme





Practical issues ir implementing an ERM framework Section Three "Governance and organisation"

