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Enterprise Risk Management across the region

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ERM is...

"...process of coordinated risk management that places a greater emphasis on cooperation among departments to manage the organization's full range of risks as a whole. ERM offers a framework for effectively managing uncertainty, responding to risk and harnessing opportunities as they arise."

Society of Actuaries

"...the process of identifying, assessing, measuring, monitoring, controlling and mitigating risks in respect of the insurer, the group which it belongs to and, if applicable the group which it is in control of. It involves the self-assessment of all reasonably foreseeable and relevant material risks that an insurer faces, and their inter-relationships, providing a link between ongoing operational management of risk and longer-term business goals and strategies."

Monetary Authority of Singapore

"...provides the structure for identifying, quantifying and mitigating risk across the Group. An effective Risk Management Framework is the key to avoiding significant financial and reputational damage that arises from inadequate or ineffective control of the risks in the business."

Philam Life 2015 annual report

"...the process by which companies identify, measure, manage, and disclose all key risks to increase value to stakeholders."

Simergy Consulting



Typical components of ERM framework





What does ERM do?

A sound ERM framework in place would help a company to create, protect and enhance the value to its various stakeholders by:





Globalisation effect



The Philippines has been ranked #2 in the Milliman ASEAN Liberalisation Index ("MALI") in 2015.

Rank	Country	Index (0-100)
1	Singapore	70
2	Philippines	58
3	Malaysia	49
4	Indonesia	49
5	Thailand	46
6	Brunei	41
7	Vietnam	40
8	Cambodia	33
9	Laos	33
10	Myanmar 15	

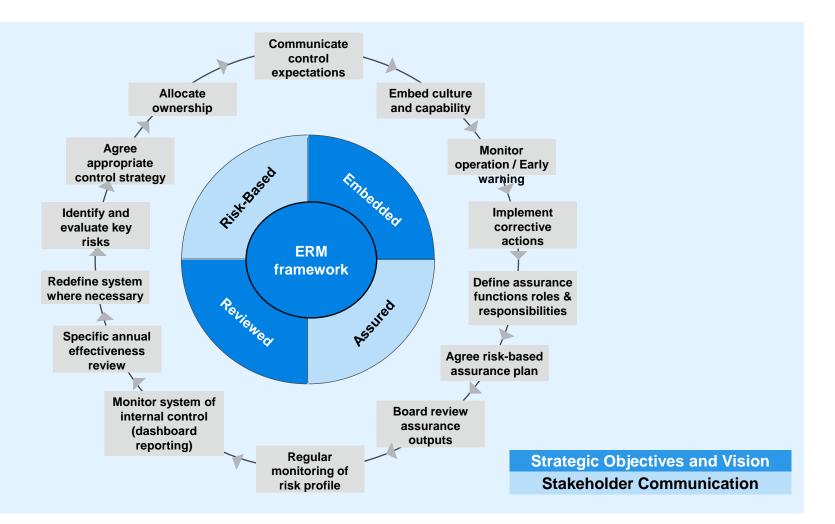


Ever growing risks!

Market risk	Reputational risk	Operational risk
Cyber risk	Liquidity risk	Credit risk
Insurance risk	Strategic/ Business risk	Compliance risk



ERM processes



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ERM frameworks around the region

Current ERM regulatory developments in the region



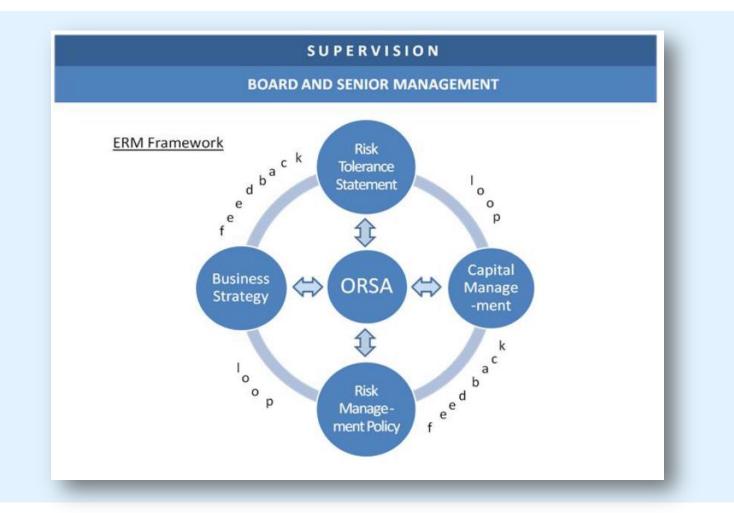




- The Guidelines on ERM for Insurers defines ERM as the "process of identifying, assessing, measuring, monitoring, controlling and mitigating risks in respect of the insurer, the group which it belongs to and, if applicable the group which it is in control of.".
- It involves the self-assessment of all reasonably foreseeable and relevant material risks that an insurer faces, and their inter-relationships, providing a link between ongoing operational management of risk and longer-term business goals and strategies.
- Insurers are required to summit an annual Own Risk and Solvency Assessment (ORSA) report to the regulator, to assess the adequacy of its risk management and solvency position.











Risk identification & measurement	 All foreseeable risk, including insurance, market, credit, operational, liquidity, legal, reputation, group risks etc. Regularly monitor and report to senior management risk levels and key leading indicators; Also interrelationship between risks
Risk management policy	 Set up a risk management policy covering management of risk (underwriting, investment etc.), risk retention strategies (reinsurance, use of derivatives, diversification, ALM), risk tolerance limits, process for monitoring risk, relate to corporate objectives
	ERM Framework





Risk tolerance statement

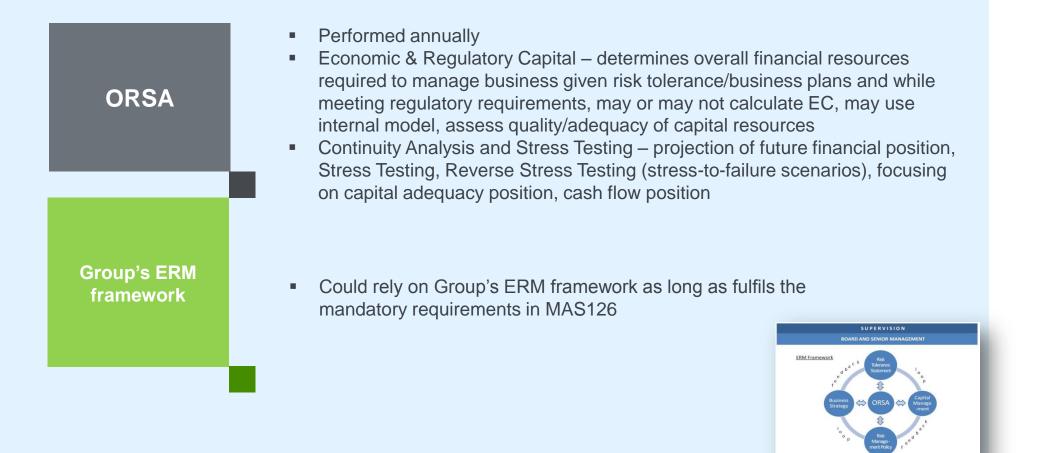
Risk responsiveness and feedback loop Establish and maintain a risk tolerance statement which defines quantitative and qualitative risk tolerance limits, accounts all risk, and interrelationships, to use in setting business plan, clearly document for daily business management

- Effective system put in place to identify/monitor (potential) breaches of risk tolerance limits,
- Able to have good feedback loop, good/timely info about changes in risk profile of group











Malaysia: Risk Governance



- The Risk Governance policy document sets out the key "principles of sound corporate governance to the assessment and management of risks to ensure that risk-taking activities are aligned with an institution's capacity to absorb losses and its long-term viability".
 - Board must approve insurer's overall risk strategy, including the risk appetite and oversee its implementation
 - Risk appetite to address major risk, risk tolerance levels
 - Considers all risk, including non-quantifiable ones
 - Establishes a risk management function
 - Risk management framework enables identification, measurement and continuous monitoring of all relevant risk, effective communication
 - Sets up CRO role, or its equivalent
- Should also be read jointly with other documents, including the guidelines on Corporate Governance, Stress Testing and Internal Capital Adequacy Assessment Process (ICAAP), which together form the overall ERM framework.



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Malaysia: ICAAP framework

 Overall process by which an insurer ensures adequate capital to meet the capital requirement on an ongoing basis.

Reflects the Company's own risk profile and risk management practices which is set by using stress testing A capital management plan that takes into account the strategic business direction and the changing business environment Processes that monitor and ensure the maintenance at all times of an appropriate level of capital which is appropriate with the Company's risk profile.







BOD and senior	Comprehensive risk	Individual Target Capital
management oversight	assessment	Level (ITCL)
Stress testing	Sound capital management	Monitoring, reporting and review of ICAAP



Comprehensive risk assessment



- Assessment of the risk profile must take into account all the material risks from the Company's business and operating environment.
- Risk profile of a company depends on:





Comprehensive risk assessment



Risks that are not specifically listed in the RBC framework such as:





Comprehensive risk assessment

Quality of BOD and senior management oversight and overall governance processes

Adequacy and appropriateness of policies and procedures

Appropriateness of organizational and incentive structures

Effectiveness of internal control functions (i.e. internal audit, financial control, compliance and risk management)

Adequacy of supporting systems infrastructure for business and control functions

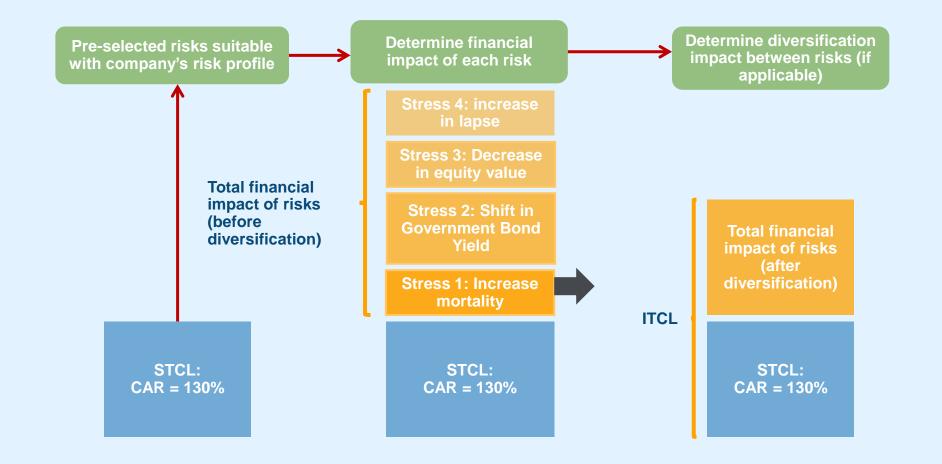
Effectiveness of monitoring of risk exposures and escalation of processes

Adequacy of resources and staffing with appropriate expertise and experience



Malaysia: ICAAP framework Individual Target Capital Level (ITCL)









 Regulation No.10/POJK.05/2014 requires all non-bank financial institutions ("NBFI"), which includes insurance companies, to perform self risk assessment against a set of pre-defined risk categories.



Objectives

- To understand the inherent risks of NBFI's.
- Enhance the supervisory process of NBFI's.
- Moving from 'compliance-based' supervision to 'risk-based' supervision.



• The risk categories stipulated in the regulation include:



 According to the guidelines, except for Management and Governance risks, all other risks should be considered from two perspectives below:

> • Underlying risk closely linked to organisational activities, without considering mitigating actions taken by management • How do manage monitor risks, vi systems practice

 How does the organisation / management identify, measure, monitor and control inherent risks, via policies, procedures, systems and administration practices



 Each company is required to assign numerical rating from 0 to 4 according to its assessment of the risk levels in the organisation based on the following table:

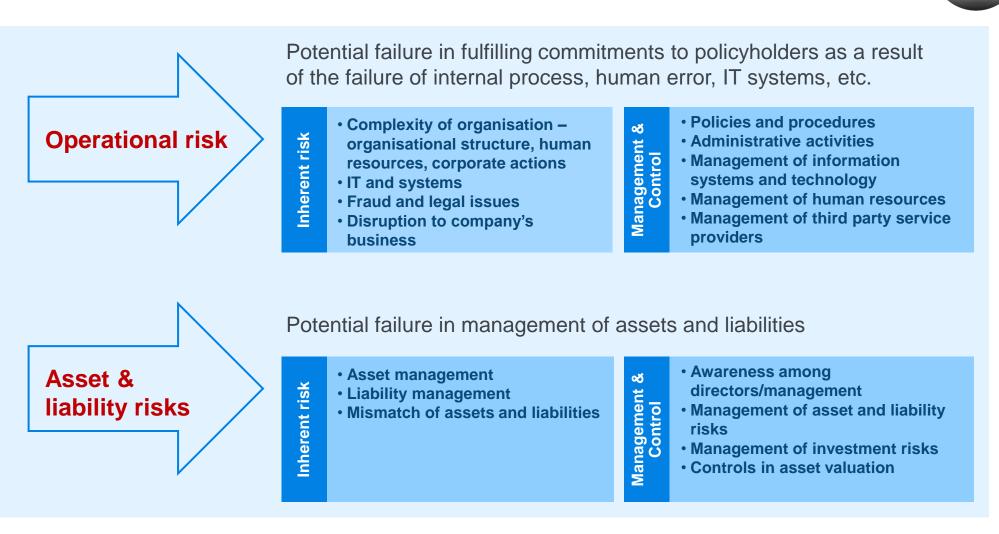
Risk Rating	Risk Level
0 < x <= 1	Low
1 < x <= 1.5	Medium Low
1.5 < x <= 2	Medium High
2 < x <= 3	High
3 < x <= 4	Very High

Aggregation of each risk category is then performed using prescribed risk weightings.











Inherent risk



Potential failure in meeting policyholder liabilities due to inadequate underwriting, pricing, reinsurance and/or claims management processes.

- Significance of insurance risk to the overall business
- Product mix and types of benefits
- Persistency, mortality, morbidity
- Structure of reinsurance in place

 Management's understanding of insurance risk and monitoring of insurance risk

- Product design
- Pricing

Management & Control

- Underwriting
- Liability valuation
- Reinsurance
- Claims
- Product distribution
- Independent review













Implementation of ERM

Practical considerations of ERM implementation

Strong board sponsorship and commitment

- Strong involvement/ commitment from the BoD and senior management of the company
- Clear and aligned priorities

Need tor culture change

- Paradigm shift
- Enterprise-wide
 approach
- Early involvement with right people

Alignment of Incentives

- Buy-in from all levels. Early involvement
- Adequate and aligned incentive schemes.
- Small incremental milestones can be useful

Education and Training

- Education on nature of risk, identification and measurement of risks, building of risk maps, utilisation of risk software and change management etc.
- Help appreciate the importance and benefits of ERM in their work,
- Embedding risk culture within the company.



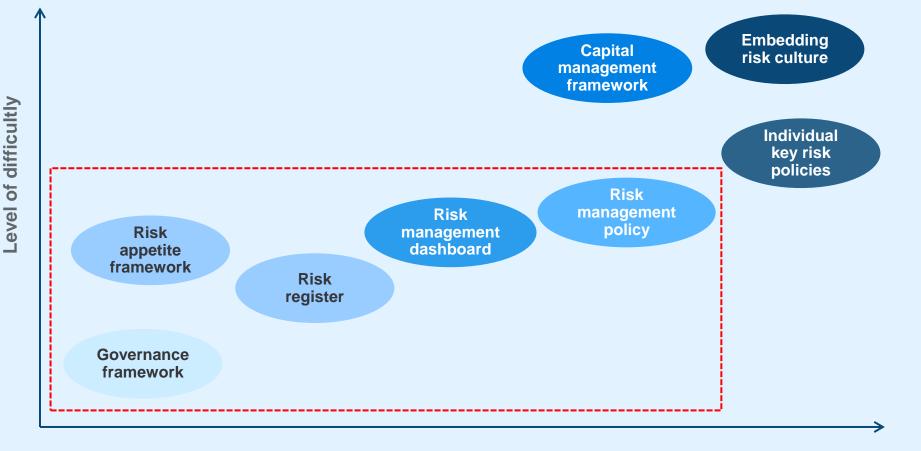
ERM functions

Key roles of selected functions within ERM framework

Actuarial	Risk management	Compliance	Internal audit
 Calculate technical provisions and capital requirements. 	 Develop, implement and monitor the risk management policy. 	Assess the adequacy of the measures to prevent non-compliance.	Assess the adequacy and effectiveness of the internal processes
 Express opinion on underwriting policy and reinsurance arrangements. 	 Identify and assess existing and emerging risks. 	 Report on the undertaking's compliance or non- compliance with 	and control systems.
 Contribute towards the quantification and modelling of risks. 	 Maintain a company- wide and aggregated view on the risk profile. 	existing and potential future laws, regulations and internal guidelines.	
 Assist in company budgeting and strategic planning 	 Report details on risk exposures and advise the Board with regard to (strategic) risk management matters. 	 Promptly report any major compliance problems. 	



ERM roadmap



Time needed to implement

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Closing remarks

- Insurers are facing more risk than ever
- ERM ensures structured, consistent risk mitigation efforts
- Implementation is key
- Involves all stakeholders, paradigm shift required!





Q&A

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