



Understanding Stress Tests and Scenario
Analyses

- Capital Planning
- Stress Testing Process
- Making Stress Tests Relevant
- Contingency Planning
- Challenges
- Suggested Solutions





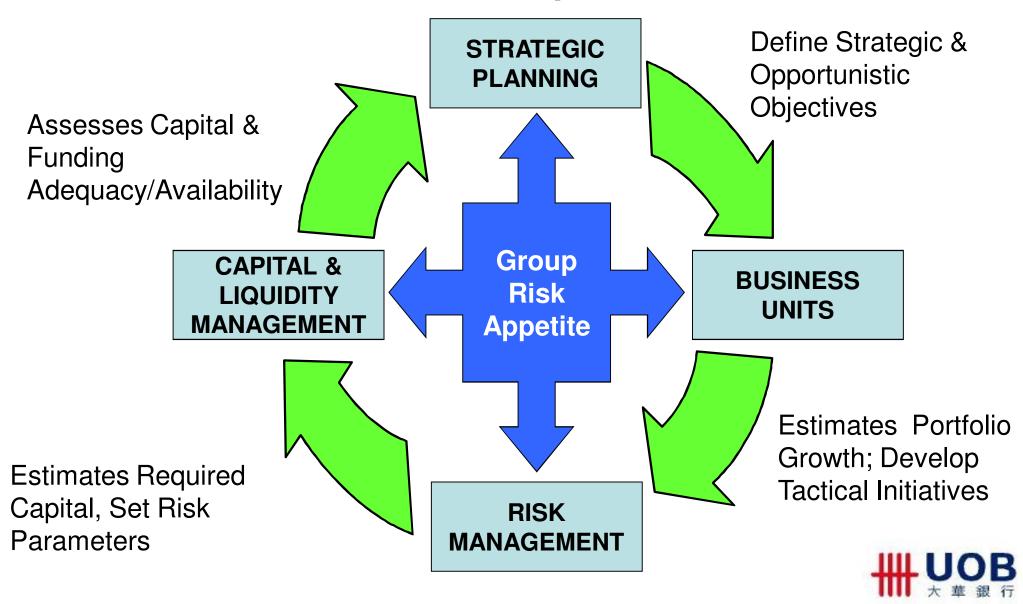
Scenario analysis

 Process of analysing <u>possible future events</u> or a series of actions by considering alternative possible outcomes (scenarios).

Stress Testing

- Process for determining the stability of a system by pushing it to its limits
- Designed to allow improved decision making by allowing consideration of outcomes and their implications

An iterative process



- Developing internal motivations
- Building the infrastructure
- Identifying and Collecting the relevant data
- Defining the risk factors
- Developing the models
- Collating the results
- Reassessing strategic and tactical plans
- Developing contingency plans



- Understanding Risk Appetite/Tolerance
 - Risk Taking Capacity
 - Capital Raising Capacity
- Identification of Material Risks
 - Business Risk
 - Strategic Risk
- Balancing Income Sources
 - Interest Income
 - Fee Income
- Determining Risk Mitigation Thresholds
 - Developing Early Warning Indicators
 - Identifying Mitigation Strategies



Stress Test Dimensions

- Risk Type
- Business Line
- Geography
- Strategy
- Seamlessness
- Stress Test Outputs
 - Funding needs
 - Capital requirements
 - Break Points
 - Reputation
 - Model Stability





- Demonstrating Value
 - Going Beyond Static Reporting
 - Forward Looking

Optimising the Risk-reward Balance

Develop Actionable Plans

- Portfolio Rebalancing
- Contingency Funding
- Contingency Capital

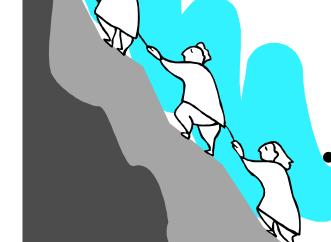


- Multi Level Action Plans
 - Increasing levels of severity
 - Early Warning Indicators
- Crisis Management Manual
 - Clearly defined roles and responsibilities
 - Liquidation Procedures
- Communication
 - Internal
 - External



- Infrastructure
 - Data
 - Technology
- Model
 - Development
 - Validation
- External
 - -Regulatory
 - Investors
 - Internal
 - Business Buy-in
 - Demonstrating Value







- Develop deep understanding business model in relation to operating environment
 - Business Trends
 - Environmental trends
- Broaden involvement across the organisation
 - Strategic Planning
 - Business Units
 - Economists
 - Capital Management
- Broaden industry engagement
 - Regulators
 - Competitors
 - Academia
 - Solution Providers
- Demonstrate Business Value



Do the right thing. You will gratify some and astonish the rest.

Mark Twain

