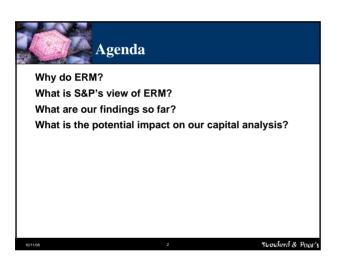
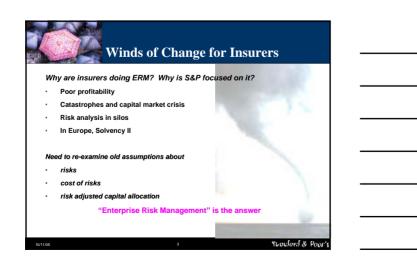
# Enterprise Risk Management ERM Seminar 3 July 2006 Rob Jones Managing Director Tree Mc Grow Hill Sexuance

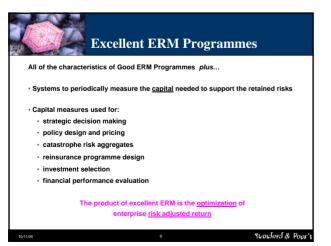




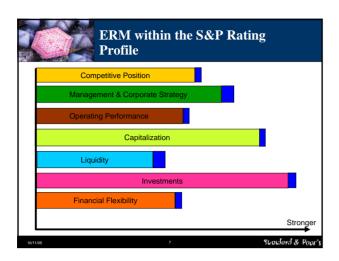


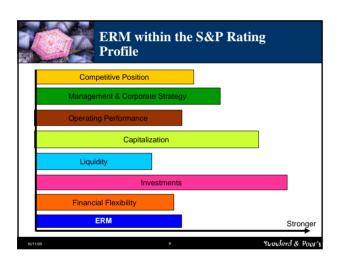


Spoulard & Poor's

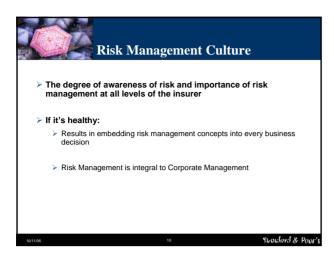


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Supulard & Poor's





# **Emerging Risks Management**

Terrorism, Natural Disasters, Pandemic, Man-made Disasters, IT Failures, Power Failures, Stock Market Crash, Banking Crisis, Interest Rate Spike, Systemic Liquidity Crisis, Hyperinflation, Negative Real Interest Rates, Significant Negative Economic Growth, Stagflation, Price Deflation, Currency Exchange Rate Crash

- To the extent these are not considered under operational risk management.
   To the extent that the risk are not core (catastrophe risk coverage)



# **Emerging Risks Management**

# What will we look for?

- · Process for Anticipating Extreme Risks
- · Process for Envisioning Significance
- Process for Preparing Response Contingency Planning
- · Learning from History Post Mortem
- **Environmental Scanning**

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## Risk Models & Economic Capital Models

### 1. Risk Metrics

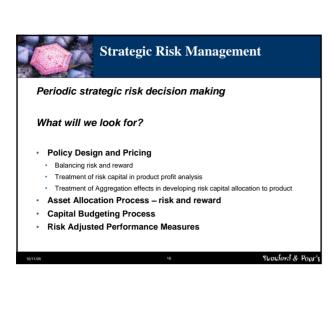
- (Ultimately) Appropriateness of Assumptions, Methods and Models
- Comprehensiveness of Models risks not covered by models
- Effective Usage acting on information timing & magnitude of response
- Evaluation of risk at alternate time horizons & probabilities Determination & usage of sensitivity metrics

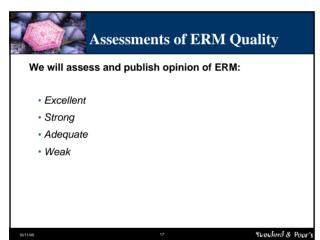
### 2. Adequacy of Modeling Infrastructure

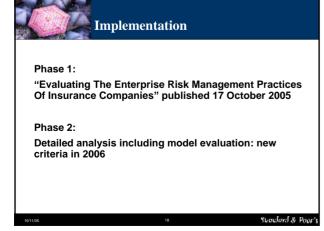
- Timely process for updating data and assumptions

### 3. Aggregation of Risks

Benefits of diversification







	Overall Findings	
Weak	Lacking basic controls for important risk(s)	6%
Adequate	Basic risk controls in place for all major risks	62%
Strong	Basic risk controls in place for all major risks PLUS:	
	Process to make strategic choices among risks based on risk & reward framework	24%
	2) Process to prepare for Emerging Risks	
Excellent	Mastery of Controls, Emerging Risk preparations & strategic risk applications	8%

