#### The Actuarial Profession making thance lease of the future

# STRATrisk : Thinking it Differently

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## This Session

- Overview of research & some findings
- Some concepts that emerged
- How this helps to manage strategic risks
- Why this requires a new way of thinking
- Tools to aid new thinking about risks

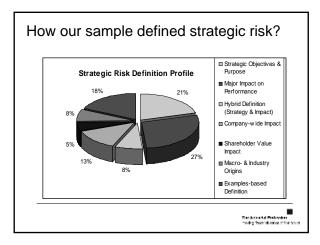
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#### STRATrisk Research

The key elements of the £480k research programme funded by DTI, ICE Actuarial Profession and 30 leading organisations are:

- Research by Universities of Bath and Bristol.
- Qualitative action research approach
- 50 in-depth interviews with Board members
- Focused on construction industry

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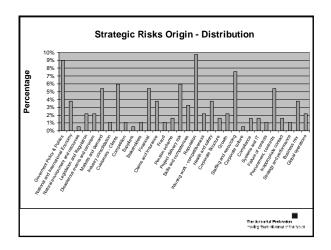




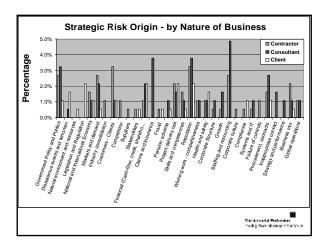
#### The Nature of Strategic Risks

- Some explanations of the difference:
- "they tend to be less easy to spot, more disruptive, less easy to quantify and often les stable" OGC & SUCO
- Risk/return paradox (Bowman, Fiegenbaum and Thomas)
  - In the majority of industries studied higher-average-profit companies tended to have lower strategic risk
    The average processing loss processing loss productions and the strategic risk
  - The paradox appears more likely in uncertain, less predictable conditions
- "they are at once pervasive and inter-related" & "effective organisational control structure is essential"
  Economist Intelligence Unit

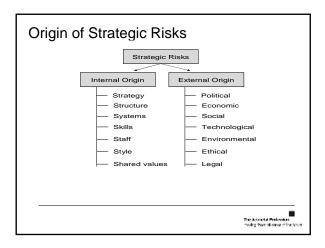




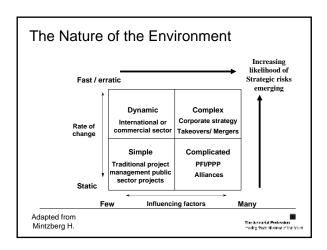




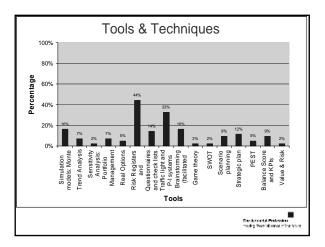




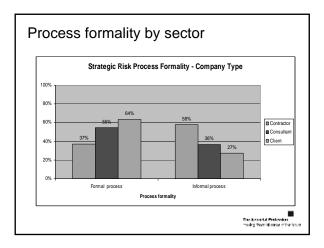




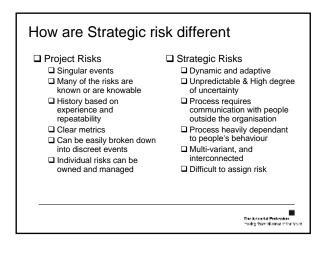














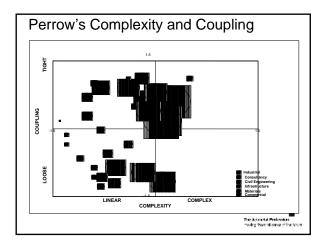


#### How does this approach help?

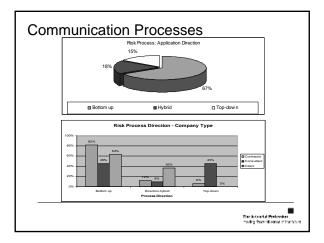
By thinking about process & systems rather than events we can:

- See interrelationships, not snapshots of events
- Give early identification of fermenting risks
- See how to create opportunity from perceived emerging risk
- Avoiding treating symptoms with quick fixes
- Provide tools and techniques from existing branches of science and management

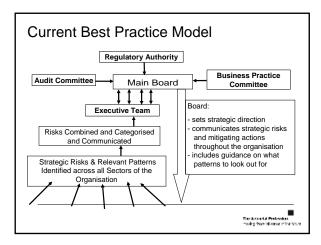
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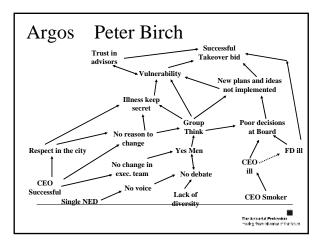








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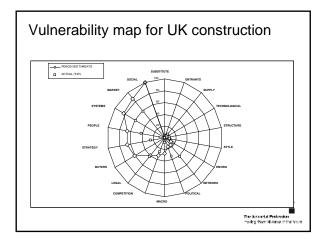




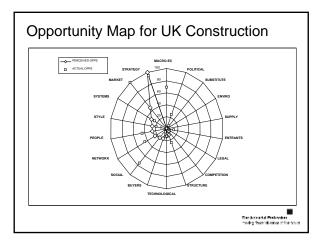
## What we found from concept mapping

- Some correlation 30% with industry
- Stronger correlation 30-40% with awareness and performance
- Firms better at identifying strengths than weaknesses & risks rather than opportunities.
- Possible to map vulnerability and opportunistic for company against industry norms.











# Key Recommendations

- Strategic risks agenda led by the Board
- Key tool is coherent, 'open' communication
- Need to take holistic, systems approach
- Soft systems thinking provides the basis and rigour for this approach
- Concept/cognitive mapping shows great promise for communication and understanding of complex risks.

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