

## Business Analysis & Uncertainty Management - What we can do for you

The brief list below details some of the services we offer to assist clients with analysis and uncertainty management across both project-specific and general business domains.

- Business case development
- Project feasibility studies
- Options analysis
- Facilitated planning workshops (strategic or operational)
- Project management methodology – advice and implementation services
- Cost model development (bottom-up, *NOT* top-down) and subsequent analysis using Monte Carlo methods.
- Project schedule development.
- Probabilistic schedule analysis using Monte Carlo methods.
- Preliminary and detailed risk analyses.
- Cognitive bias analysis and implications for planning and decision making.
- Understanding judgment under uncertainty – heuristics and biases in decision making.
- Decision analysis process implementation in a project environment.
- Determining the value of information in an economic sense (also known as Bayesian transformation).
- Corporate risk management (also known as enterprise-wide risk management).
- Training in the use and development of risk management tools and techniques (including when to use what):
- Qualitative tools & techniques
  - Brainstorming
  - Assumption analysis
  - Interviews
  - Checklists
  - Prompt lists
  - Risk registers
  - Risk mapping
  - Probability impact tables
  - Risk matrix charts
  - Project risk management road mapping
  - Risk assessments

# AnalyticaServices

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- Quantitative tools & techniques
  - Decision trees
  - Monte Carlo simulation
  - Sensitivity analysis
  - Probability-impact grid analysis
  - Tornado analysis
- Understanding uncertainty using an applied, practice-based approach (improbable does *NOT* equal impossible).
- Discounted (NPV, IRR, etc) and free cash flow analysis at a project and / or business level that takes account of the uncertainty, volatility and variability of the real world.
- Financial modelling at a project and whole-of-business level.
- Risk management advice incorporating financial risk analysis that enables construction of efficient and effective project and business protection (hedging) operations.

Naturally, we offer *much* more. The list above is intended to provide a brief insight into our offering and the different perspective we take on approaching analysis and decision making in uncertain business or project environments.

For a more detailed discussion please contact:

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