





More Than Just a Risk Register

John Greenwood PMP Portfolio Risk Manager



















































PMP

Institute of Physics

CPhys





Cabinet Office

























OVERVIEW





Definition:

THE EFFECT OF UNCERTAINTY ON OBJECTIVES

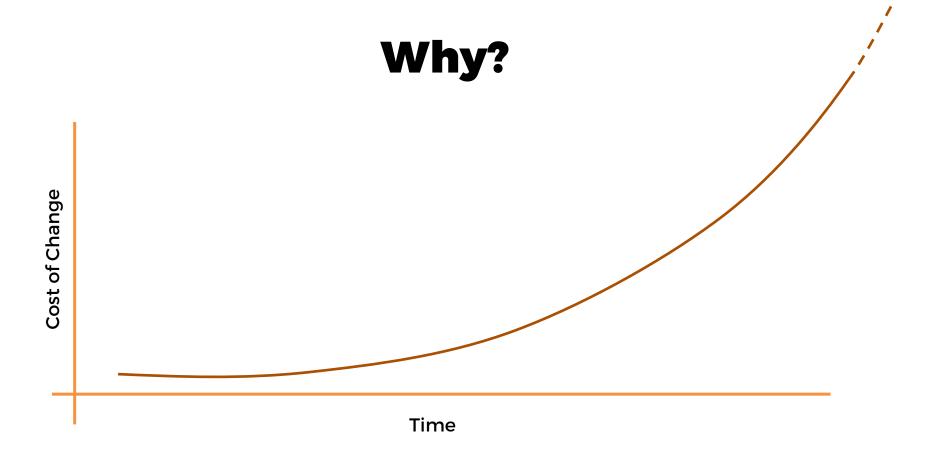
Aims of Risk Management:

- To Manage the Future
 - Risks
 - Responses

- To Predict the Future
 - Assessments
 - Modelling

- To Enhance Maturity
 - Lessons
 - KnowledgeRepository







Identification

RISKS AND RESPONSES

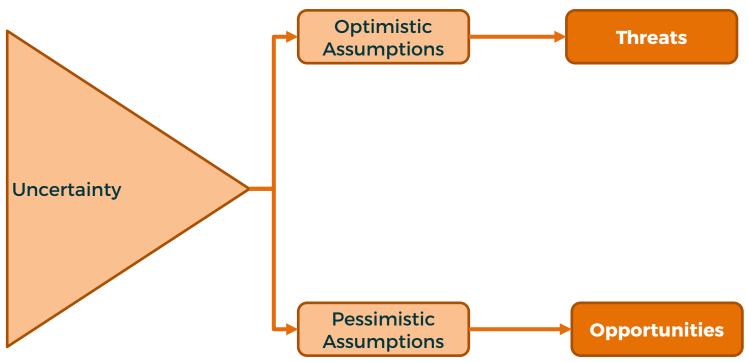


Event Risk - the Bowtie



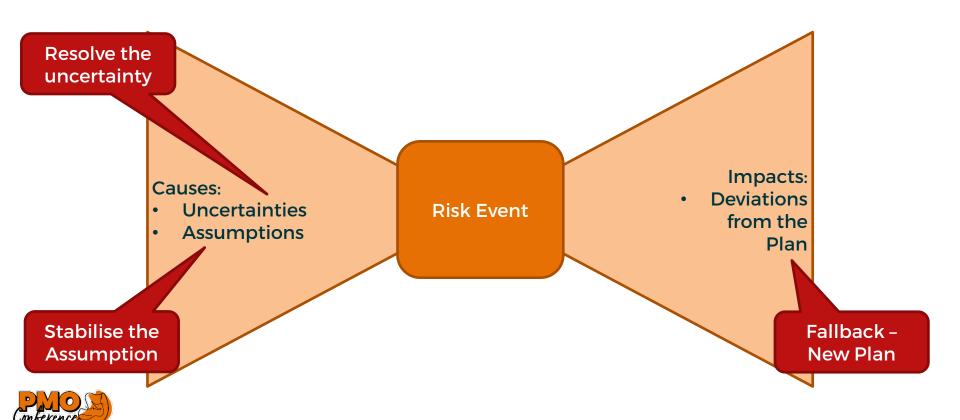


Risk: Threats and Opportunities





Responses - General Principles



Identification

WHERE TO LOOK



Strategic (External Influences)

SWOT

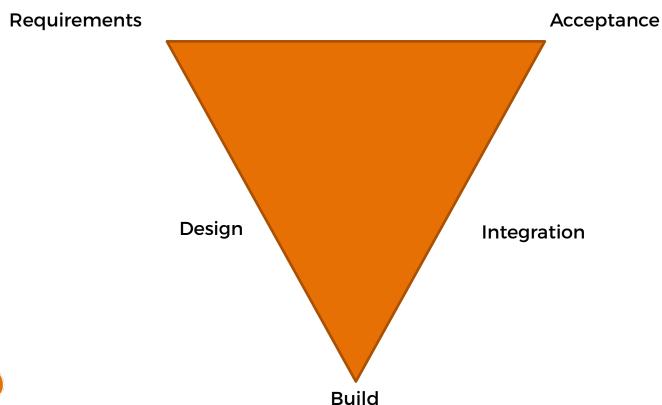
- Strengths
- Weaknesses
- Opportunities
- Threats

PESTLE

- Political
- Economic
- Social
- Technological
- Legal
- Environment

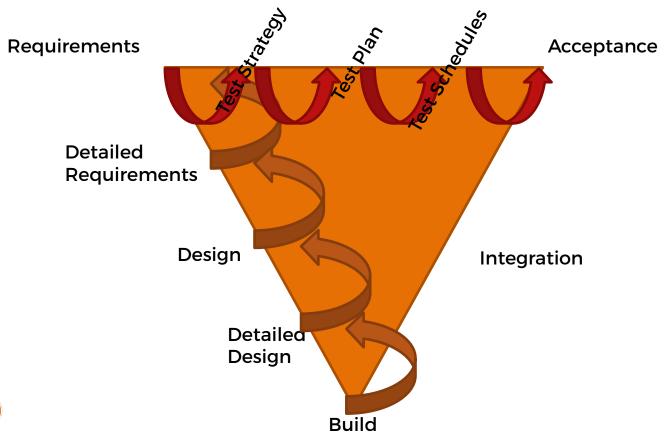


A Systems Engineering View



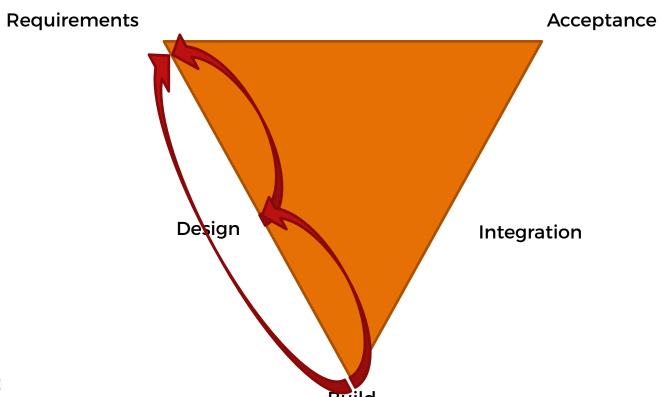


Ambiguity





Information





Events

Requirements Acceptance Qtr 2, 2024 Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul 38200.66000.62 53 days Fri 28/04/23 8: Thu 13/0 38200.66000.62 43 days Fri 28/04/23 8: Thu 29/0 38200.66000.62 48 days Fri 28/04/23 8: Thu 06/0 38200.66000.62 53 days Fri 28/04/23 8: Thu 13/0 38200.66000.62 38 days Fri 28/04/23 8: Thu 22/0 38200.66000.46. 5 wks Fri 21/07/23 8: Thu 24/0 38200.66000.56 1 wk Fri 25/08/23 8: Fri 01/09 38200.66000.61 39 days Mon 04/09/23 Thu 26/1 38200.66000.61 3.8 wks Mon 04/09/23 Thu 28/0 38200.66000.61 2 wks Fri 29/09/23 8: Thu 12/1 Resolve the 38200.66000.61 2 wks Fri 13/10/23 8: Thu 26/1 uncertainty 38200.66000.49 117 days Fri 21/07/23 8: Tue 16/0 38200.66000.49 3.8 wks Fri 21/07/23 8: Wed 16/0 38200.66000.49 12.8 wks Impacts: 38200.66000.49 0 days **♦**_15/11 38200.66000.49 6.8 wks Thu 16/11/23 & Tue 16/0 0% Deviations Uncertainties from the Assumptions Plan Stabilise the Fallback -Assumption New Plan Build

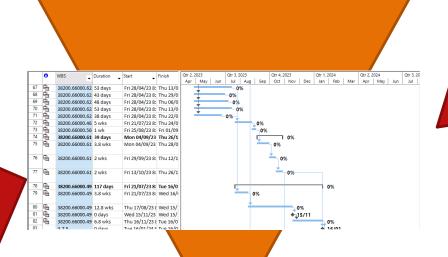


Estimating



Labour:

- Amount
- Day rate
- Productivity
- Availability



Build

Acceptance

Equipment and Materials:

- Quantity
- Cost
- Currency
- Availability



REPORTING







Thank you

John Greenwood PMP

john.greenwood@stantec.com: +44 7354 901876



