

Democratisation of Risk



The importance of Risk to everyone....

The 'Five Immutable Principles of Project Success'



This is me....



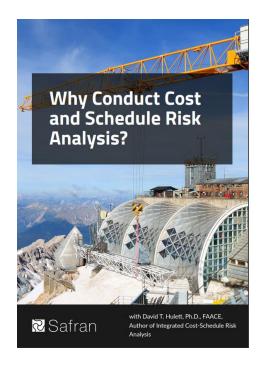
RICHARD WOOD / VP INTERNATIONAL Safran Sales



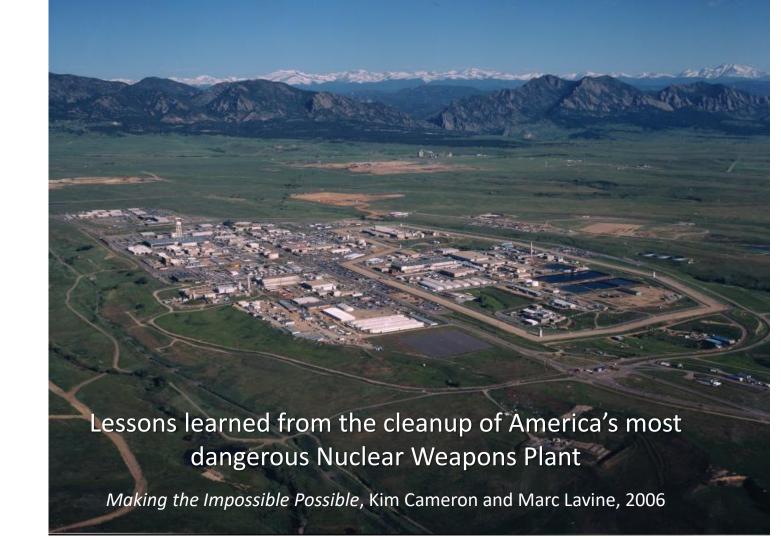
Two recent eBooks from Safran













The Five Principles Of Project Success

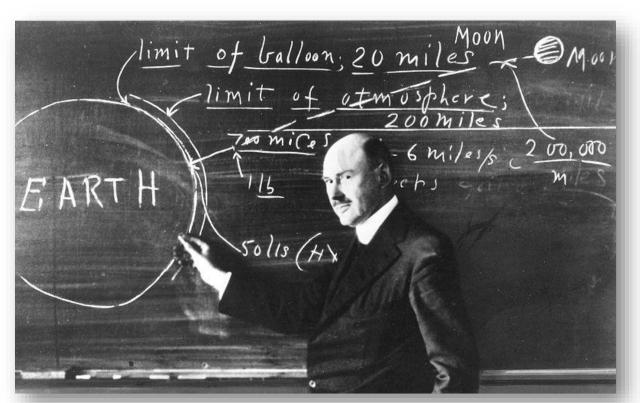


What Does Done Look Like?

- 1
- Develop a list of features or deliverables and describe the technical capabilities for each, in units of measure meaningful to the decision makers.
- 2
- Model the interdependencies between these deliverables.
- 3
- Develop the Measures of Effectiveness and Measures of Performance and Key Performance Parameters for each Capability.



"Done" Provides a Capability to Do Something



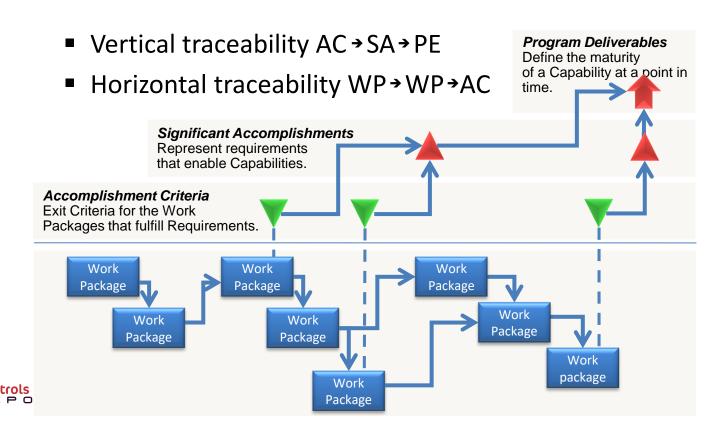


How Do We Get to Done when planned, for the planned cost?

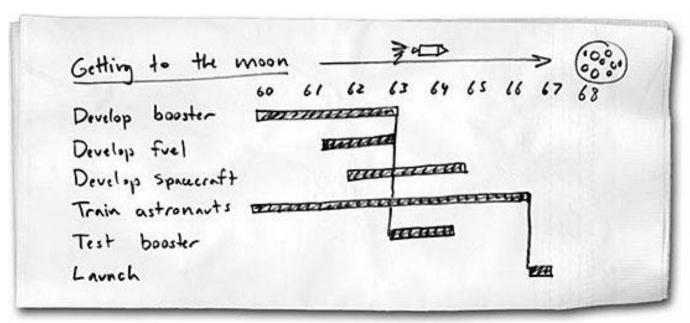
- Build a Plan and a Schedule to implement that Plan with the work to be performed.
- Define "Packages of Work" for all the activities with deliverables defined as "Exit Criteria"
 - Link the Accomplishment and Criteria vertically and then link the Work Packages horizontally.



The Schedule Connects Work to Deliverables



The schedule tells us the order of the planned work



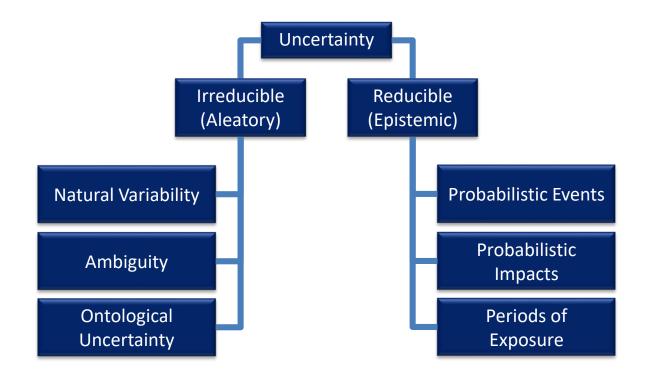


What Are The Impediments To Reaching Done?

- Make a list of risks and rank them by priority.
- Assess impact on cost and schedule for each risk and the dependencies of these risks on external and internal drivers
 - Assess the probability of occurrence and the probabilistic impact on cost and schedule impact, cost of handling, and cost of the residual risk after handling



All Risk Comes From Uncertainty





Risk Reduction Activities











How we can Democratise Risk for all...





Risking the entire Portfolio

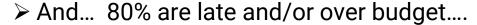
For a top 5 Energy company...

80% of projects

- > Are budgeted < \$50m
- Contribute 20% by portfolio value

20% of projects

- > \$50m are risk adjusted
- ➤ Contribute 80% by value









Safran Project Family



Plan and control complex projects with built-in schedule risk analysis and integrated, powerful reporting

Safran Project[™]



Unified project management capabilities for capex and opex, with Safran Integrator for SAP

Safran Integrator for SAP™



Use our lightweight scheduling tool – quick to learn and easy to use – for control of smaller projects

Safran Planner™



A range of Web based tools for both Reporting and Progress updating.

Safran Web



Safran Project Solution Overview





Management **Project Controls** EXPO SRA





Earned Value



Common Use Cases for Safran

Fully Integrated Project Controls & Risk Management





Safran

Navantia - Defense Vessel Construction in Spain









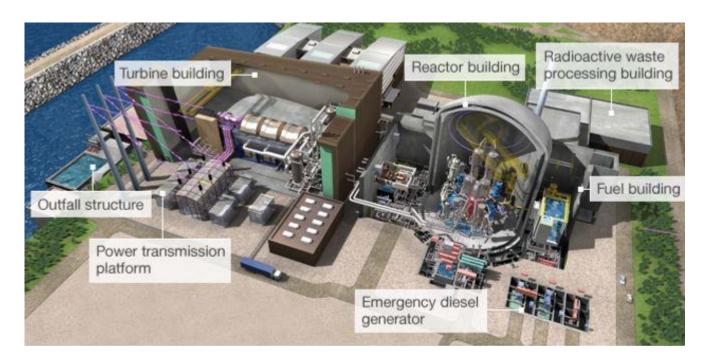
Ocean Farming – World's First Offshore Fish Farm







EDF Energy – Hinkley Point C Nuclear Plant in the UK





What does DONE look like?





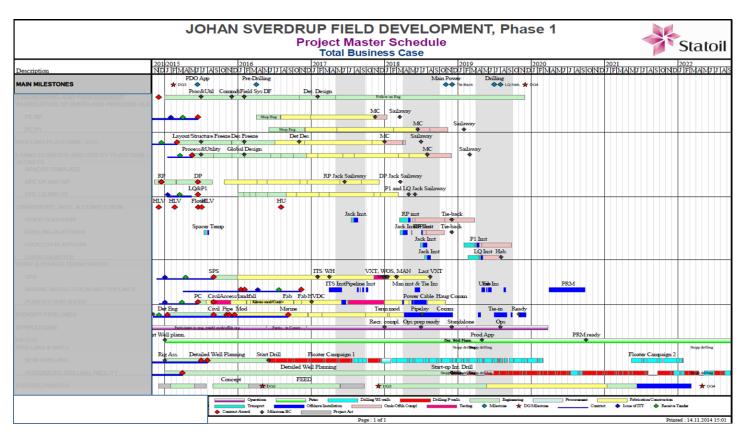
Johan Sverdup

Johan Sverdrup is one of the five largest oil fields on the Norwegian continental shelf. With expected resources of between 1.9—3.0 billion barrels of oil equivalents, it will also be one of the most important industrial projects in Norway in the next 50 years. The development and operation of this enormous field will generate revenue and provide jobs for coming generations.



Master Schedule







Democratisation of Risk

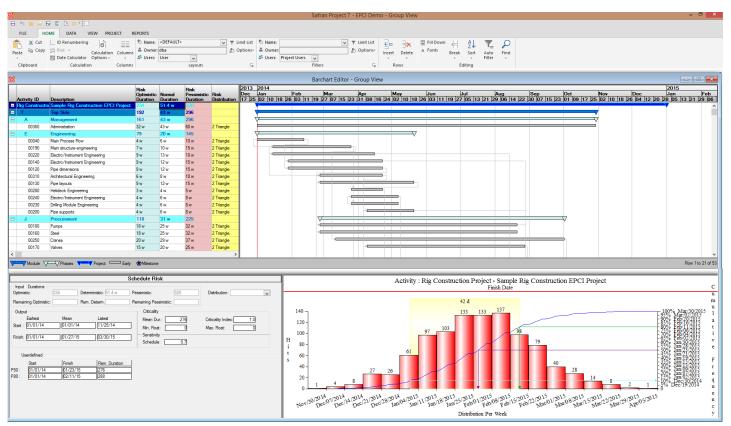






Risk – Duration Uncertainty

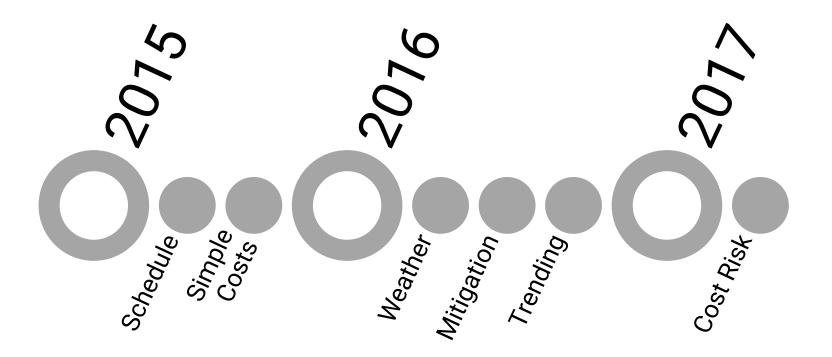








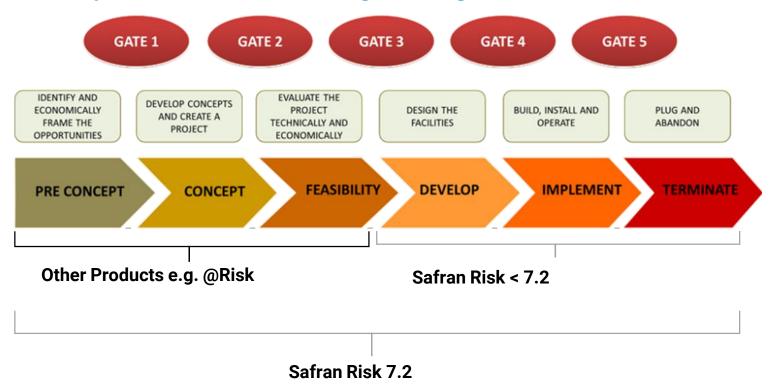
Safran Risk - Brief Product History







The Importance of Integrating Cost & Schedule





Safran Risk



INTUITIVE AND PROCESS-LED USER INTERFACE

- Embedded best-practice process flows
- Inputs on the left of "analyze", outputs on the right

BEST-IN-CLASS REPORTING

- Sensitivity Analysis showing schedule and cost impacts
- Scatter Plot showing combined schedule and cost
- Trending report to show risk performance over time

BUILT-IN SCHEDULING ENGINE

■ Iterative "review/ analyze" process

RISK-READINESS SCHEDULE CHECK

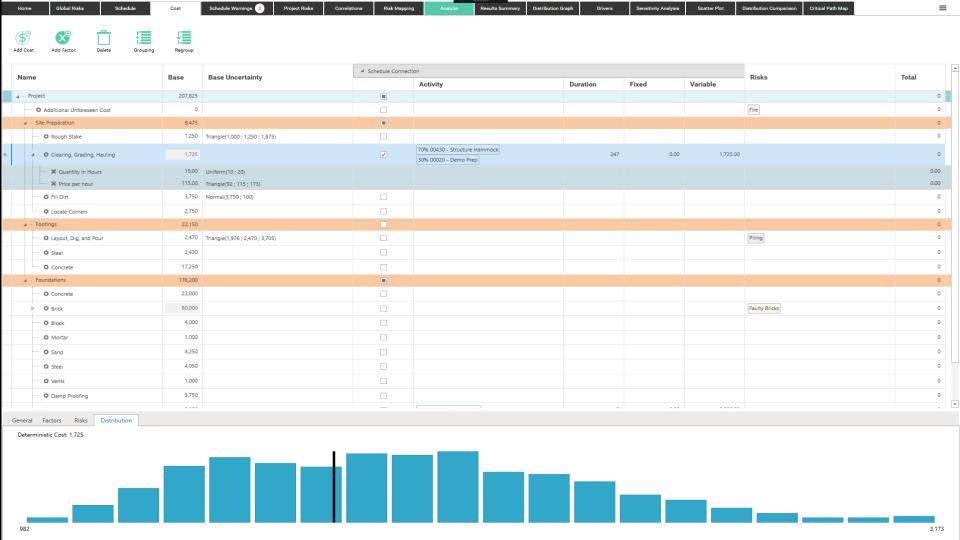
- Ensures higher quality plans resulting in higher quality risk analysis
- POWERFUL RISK CALENDARS
 - Model weather using real time-series data

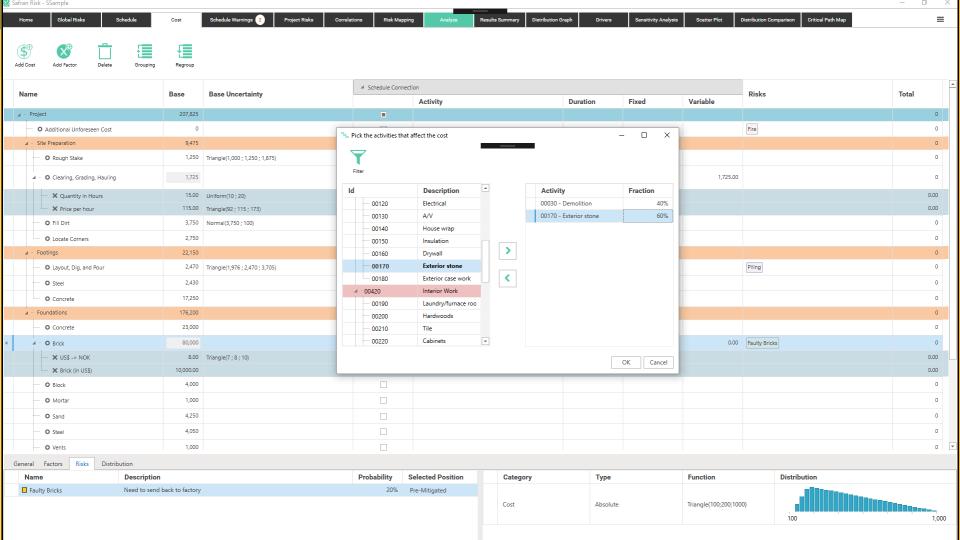
RISK ANALYSIS TO THE MINUTE

Perform risk analysis to the minute level







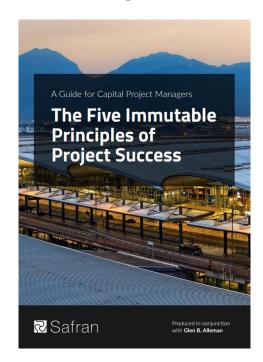


The Five Principles Of Project Success





Why not take a look?









Questions?

Use the questions box on the right side of your screen







For more information, contact us: sales@safran.com www.safran.com



