

Integrated Operations

Overview

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Integrated Operations (IO)

Definition

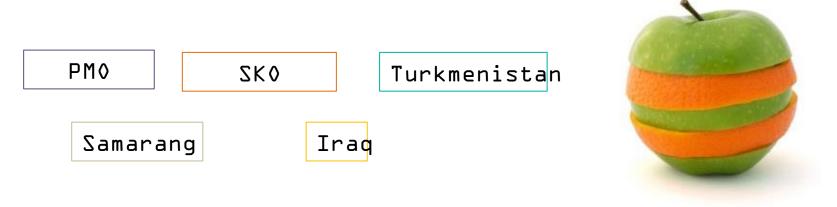
"IV is a Continuous improvement operation enabled by informed decision making processes, utilising analytics, advanced modeling, automation & optimisation tools in engineering workflows, across multiple disciplines & locations, within a right-time collaborative working

environment" People Organisation **Process** Infrastructure



A Complex Beginning

Numerous concurrent IO implementations - working independently

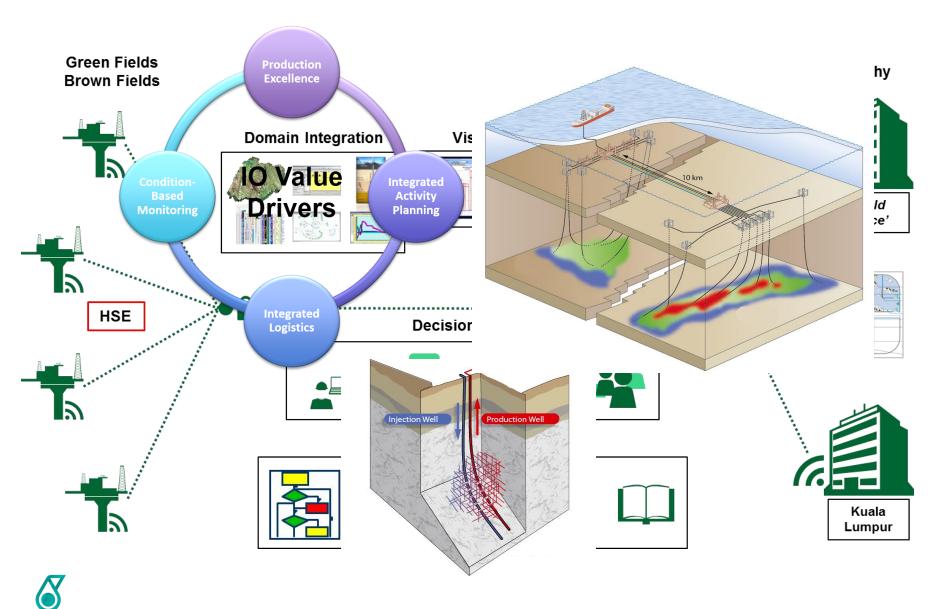


How can an organisation leverage the aggregate value of all these assets?

- How do we capture the value across an organisation?
- What are the benefits and challenges of doing this?
- Is there a structured approach to help?



Broad Opportunity Landscape



Enterprise Challenges



How to manage?

Economic Feasibili Feasiby

Scalability & Sustainabil ity

Heterogeneous Technology Environment Guidelin es

Multiple Vendors & Suppliers

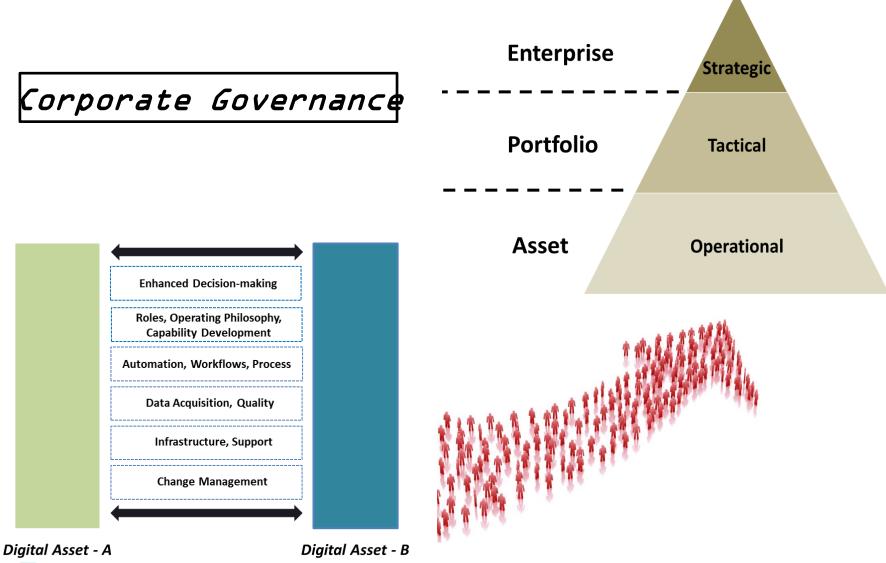
Redundant Effort



Keeping it Simple



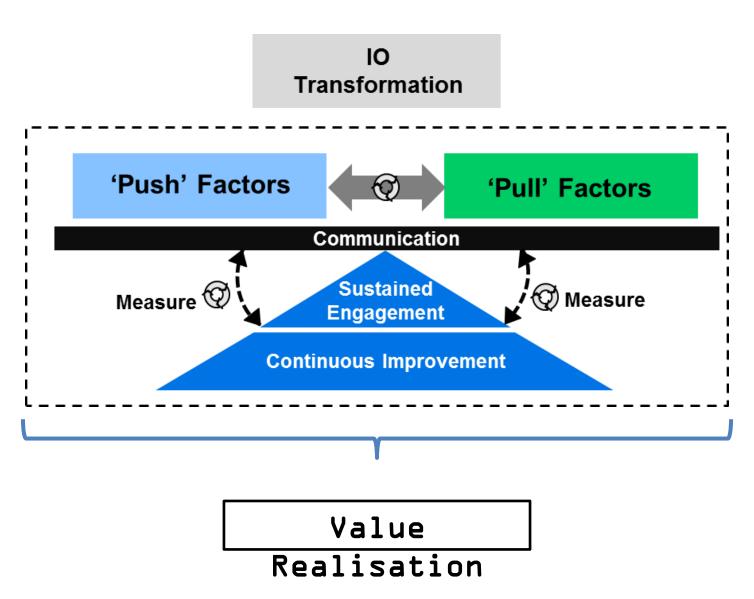
Standardisation Opportunities – Different Perspectives





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IO – A Business Transformation

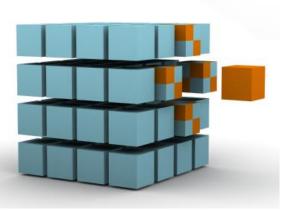




Managing the Transformation Journey



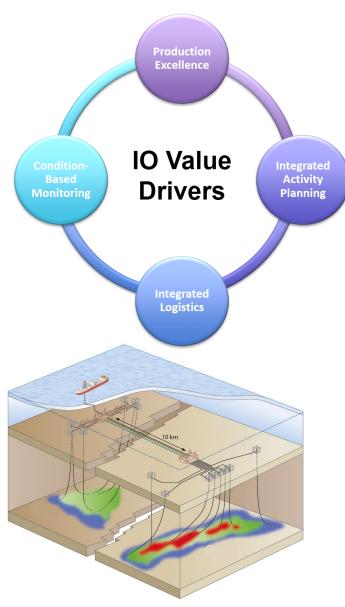




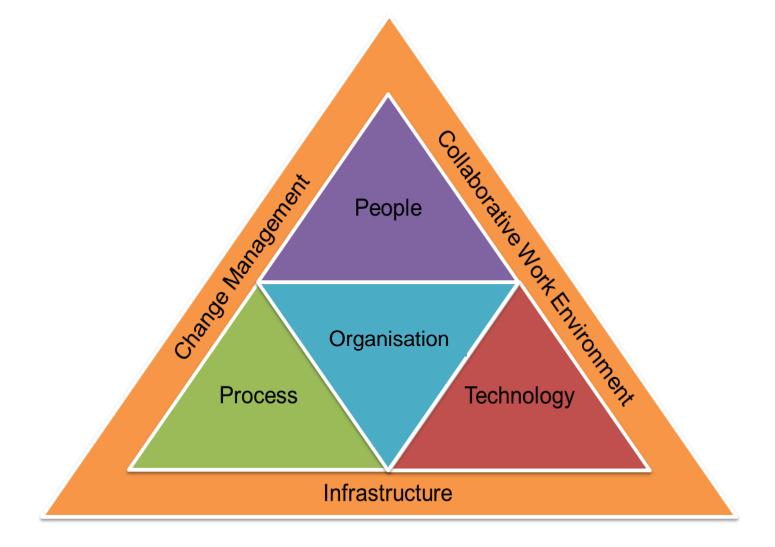


Change Introduced Change Adopted & Integrated

IO Delivering Value to the Field



- 1 Continuous Surveillance
- 2 Ensuring optimal lift
- 3 Contributing to **safety**
- 4 Leveraging automation and predictive analysis
- 5 Understanding production and shortfalls
- 6 Performing root cause
 analysis
- 7 Enabling better decisions reservoir to facilities







THANK YOU