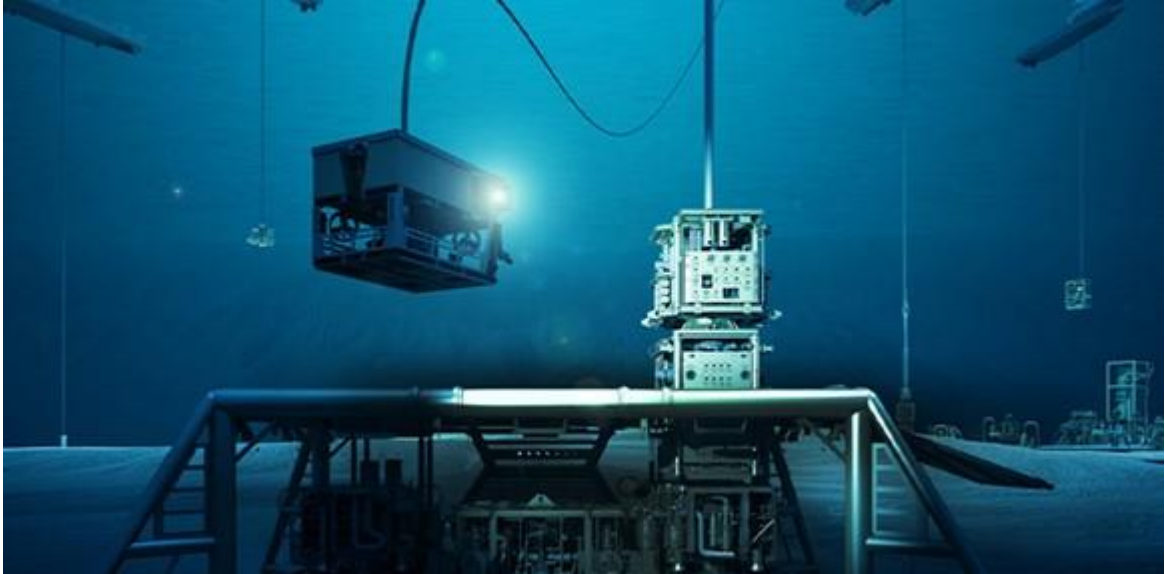
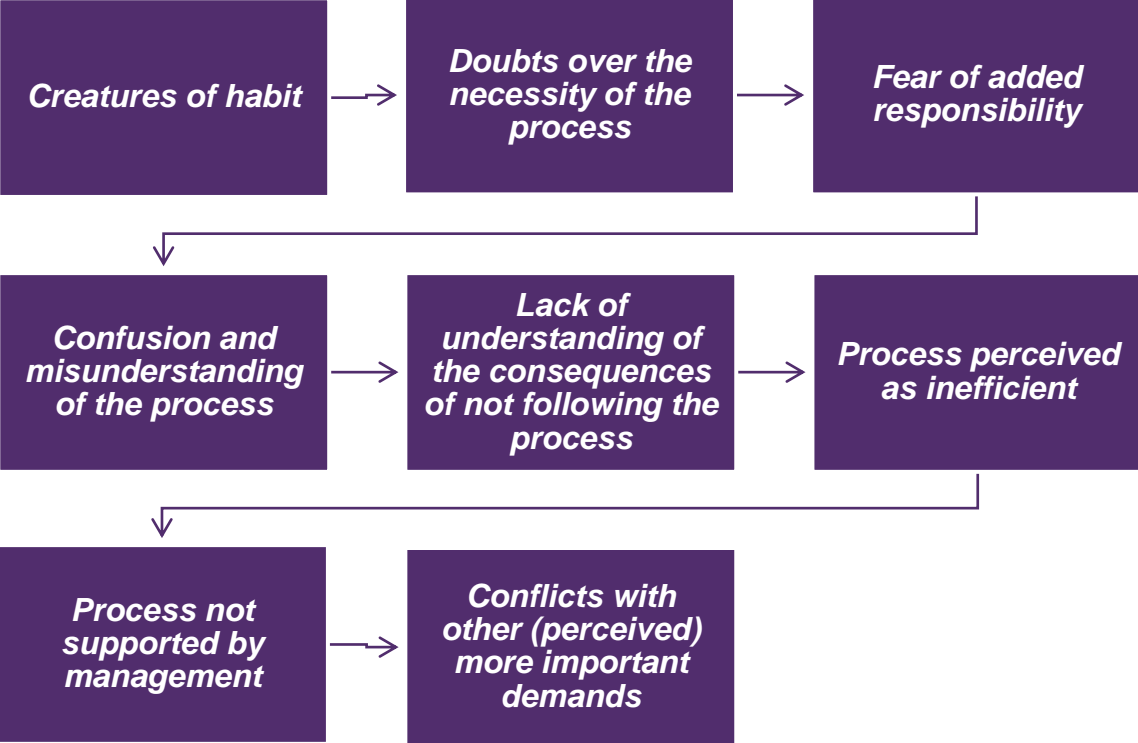




Environmental Risk Management and Integration

TFMC – OEUK Presentation - 2024

Implementing Organisational Change (Environmental Process)



Projects Planning and Execution

Environmental Risk Identification Process (Key Enablers)

Environmental Aspects and Impacts Registers

- Outlines key standard deck of mitigations
 - Corporate / Regional Plans, Procedures, SOPs
 - Plans / Procedures etc. routinely updated to ensure global compliance
- **So what if we don't do it?**

Env Commitments Registers

- **Post EIAR / ES development**
 - TFMC need to screen commitments for 2 key reasons;
 1. Identify mitigations that apply to our scope of work
 2. Integrate these commitments into the projects design and construction methodology
- **So what if we don't do it?**

Env Impact Identification (ENVID)

• **ENVID Review Format**

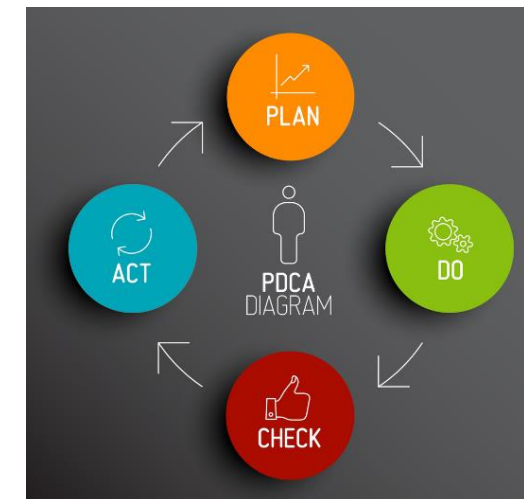
- Depends on maturity of the Project (Concept vs. Post EIA)
 - Concept = Early env risk identification
 - Post EIA = Check to ensure impacts are identified and appropriately mitigated
 - **So what if we don't do it?**

Env Compliance Registers

- Your PLANC commitments our systems and information
- Our Project Plans to serve your needs
 - Roles and responsibilities, Monitoring, reporting
- **So what if we don't do it?**

Environmental Management System Documents

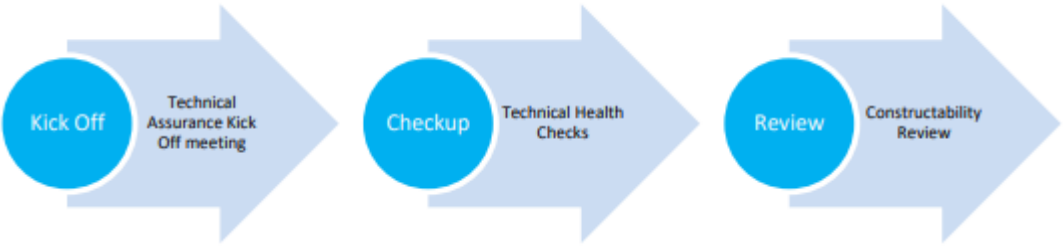
- Environmental Management Plan
- Appendices
 - Waste Management
 - Chemical Management
 - GHG Management
 - Monitoring and Reporting
- **So what if we don't do it?**



Integration – Technical Assurance

Technical Assurance & Environmental Management

- A process by which company and individuals can verify that projects are delivered to the highest standard through a series of structured reviews
- Opportunity for technical peer review of the project from concept through execution
- Aims is to get the right people (TA) in the right discussions at the right time
- Provide critical input at critical points in project by getting the right people in the room at the right time
- Reduce HSE incidents, costs of non quality
- **So what if you aren't involved?**



Technical Assurance: Win-It

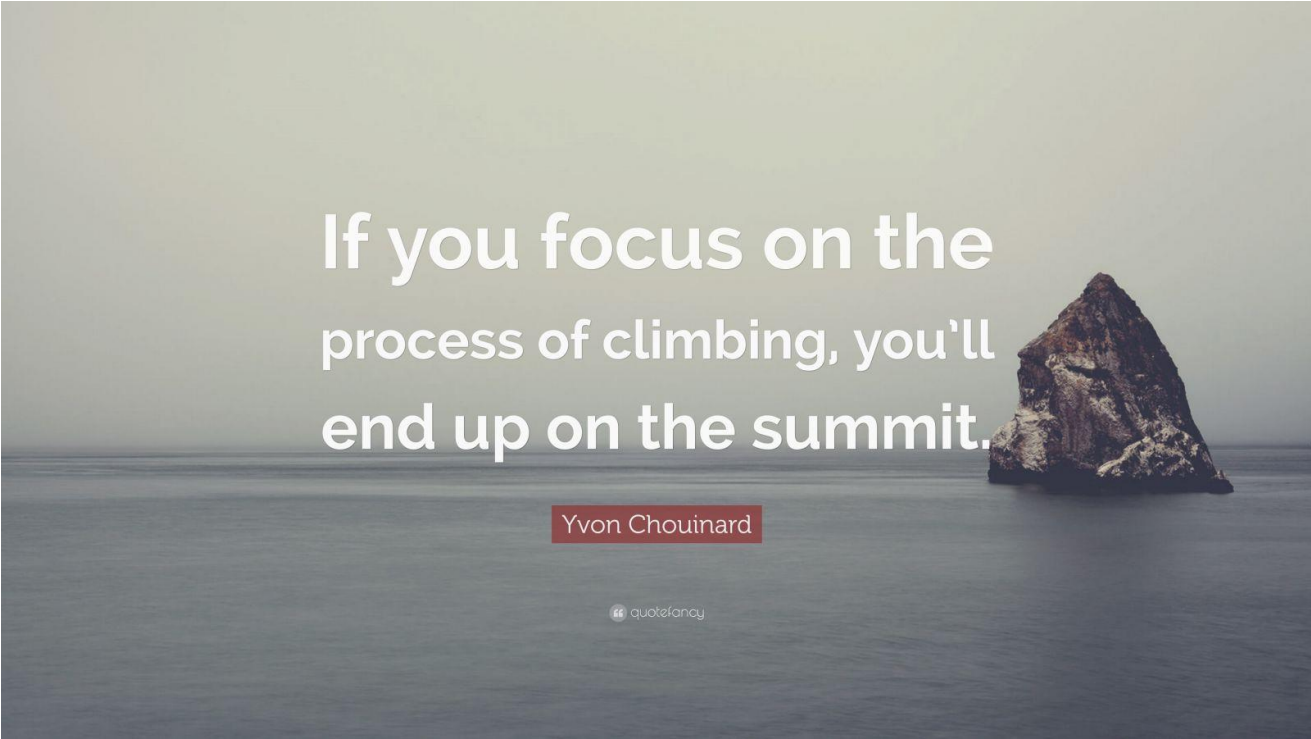
- 3.1 Technical Assurance Kick Off Meeting
- 3.2 Technical Checkup
- 3.3 Constructability Review.....
- 3.4 Win-It Technical Assurance – Summary.....

Technical Assurance: Do-It

- 4.1 Technical Assurance Kick Off Meeting
- 4.2 Initial Technical Risk Review
- 4.3 Early Constructability Review
- 4.4 Document Review
- 4.5 Final Reviews.....
 - 4.5.1 Final Constructability Review.....
 - 4.5.2 HIRA meeting
- 4.6 Readiness Review

So what if we don't do it?

- Environmental impacts and constraints not understood by Engineers
- Environmental risks not identified / understood / mitigated in design / operations
- Costly MoCs and VOs
- Project delays, friction, pressure and stress
- Increased risk of non-compliance
- Unnecessary project delays and costs



If you focus on the
process of climbing, you'll
end up on the summit.

Yvon Chouinard

quoteancy