The Execution Phase
Offshore/Subsea Construction

Aaron Pushparatnam – Installation Engineer, Technip
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1. Project Lifecycle
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The Project Life Cycle

- Conceptual & Feasibility Studies
- Front End Engineering Design (FEED)
- Detailed Design (DD)
- Construction / Installation
- Commissioning

Support Functions:
- ECP
- HR
- QHSE
The Project Life Cycle
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Offshore Installation – 5 Things
1. Proximity

Implications:

- Equipment/Spares
- Medical Emergencies
- The boat is home
2. Cost

**Time is Money**
- $500,000/day (assume)
- ~$20,000/hour
- Quality
Offshore Installation – 5 Things
3. Weather
3. Weather

Implications

- Limits Workability
- Larger Motions
- Larger Forces
3. Weather
3. Weather
3. Weather
4. Change

- Not everything goes to plan
- Management of Change
5. Things take time
5. Things take time
Offshore Installation – 5 Things

1. Proximity
2. Cost
3. Weather
4. Change
5. Things take time
Thank you