



**APPLYING LESSONS LEARNT TO
SUPPORT MRE DEVELOPERS**

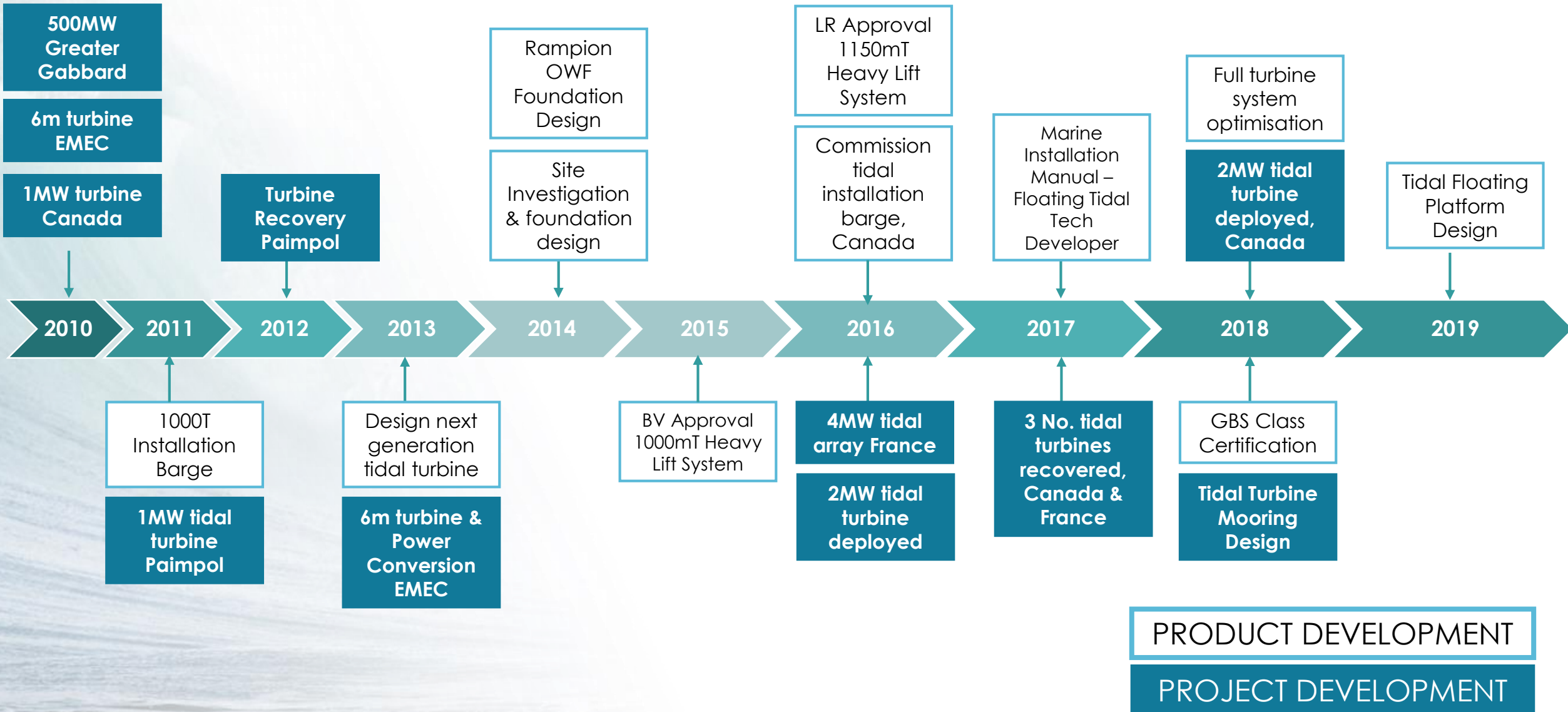
MEW 2019

DOC **Dublin
Offshore
Consultants**
ENGINEERING OFFSHORE SOLUTIONS

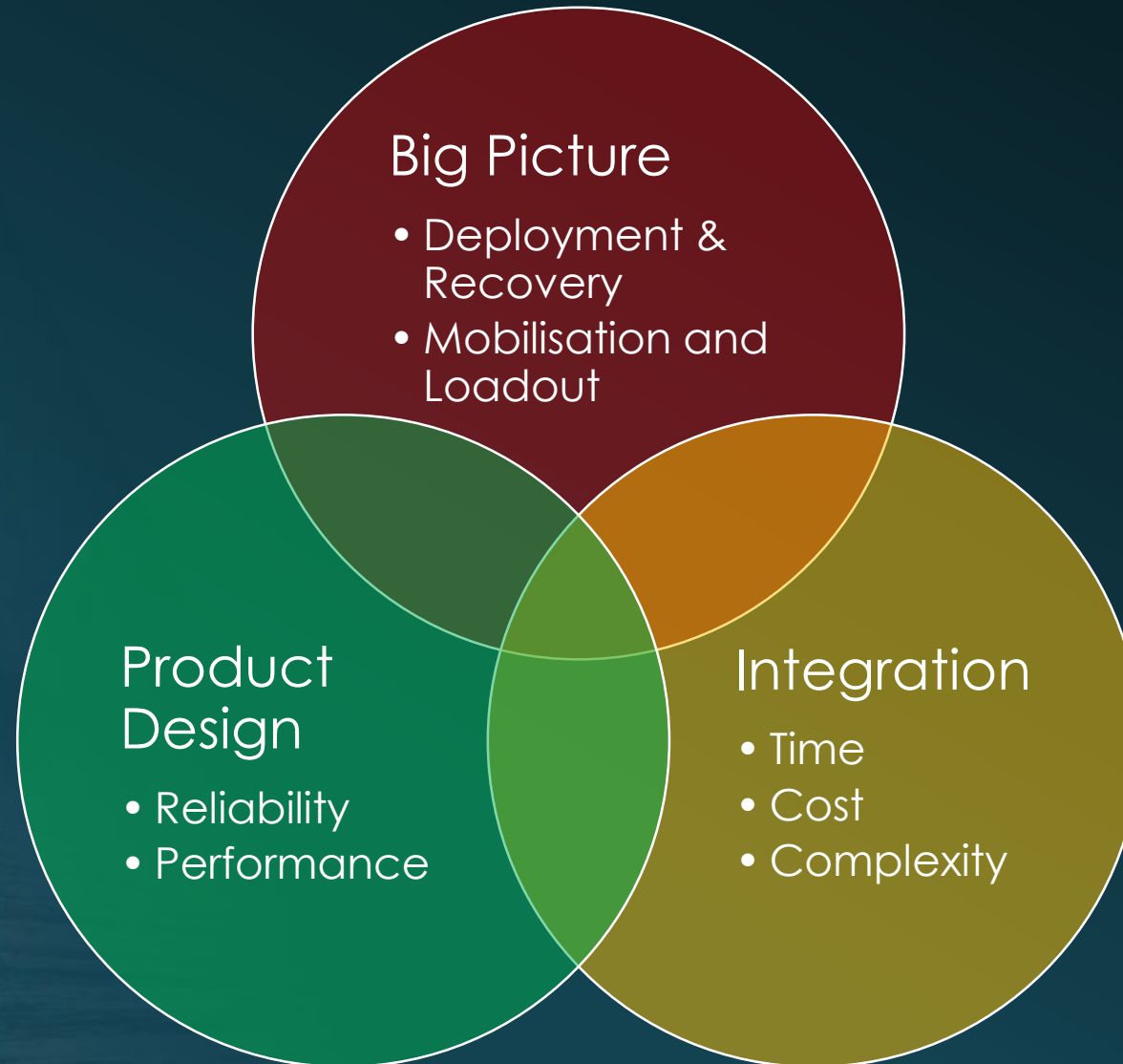
Introduction

- Dublin Offshore was founded in 2018 by 3 engineers who met in a leading marine renewable developer
- DOC offer project and technology developers over 30 years of offshore experience in the MRE sector

MRE Experience

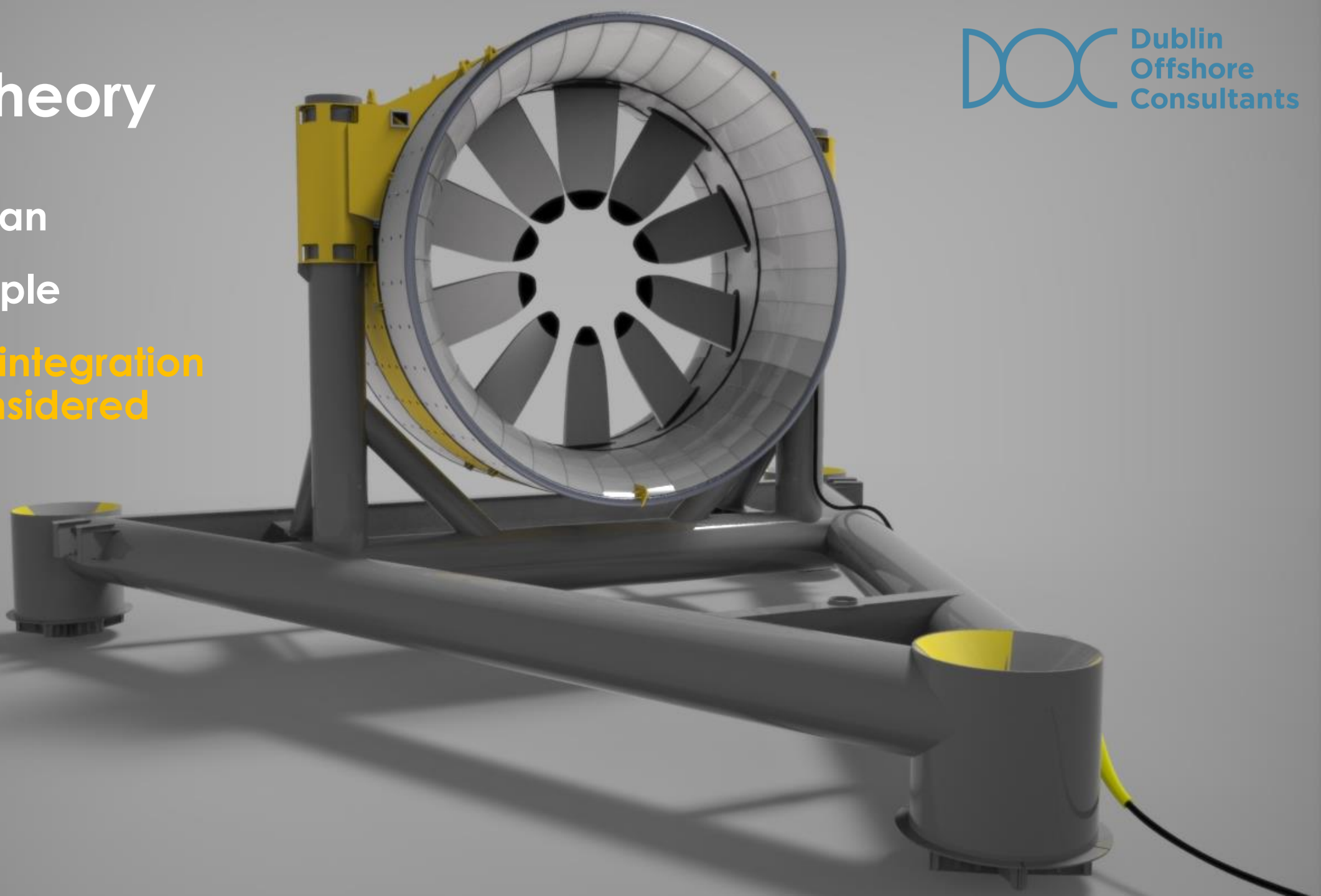


Lessons Learnt



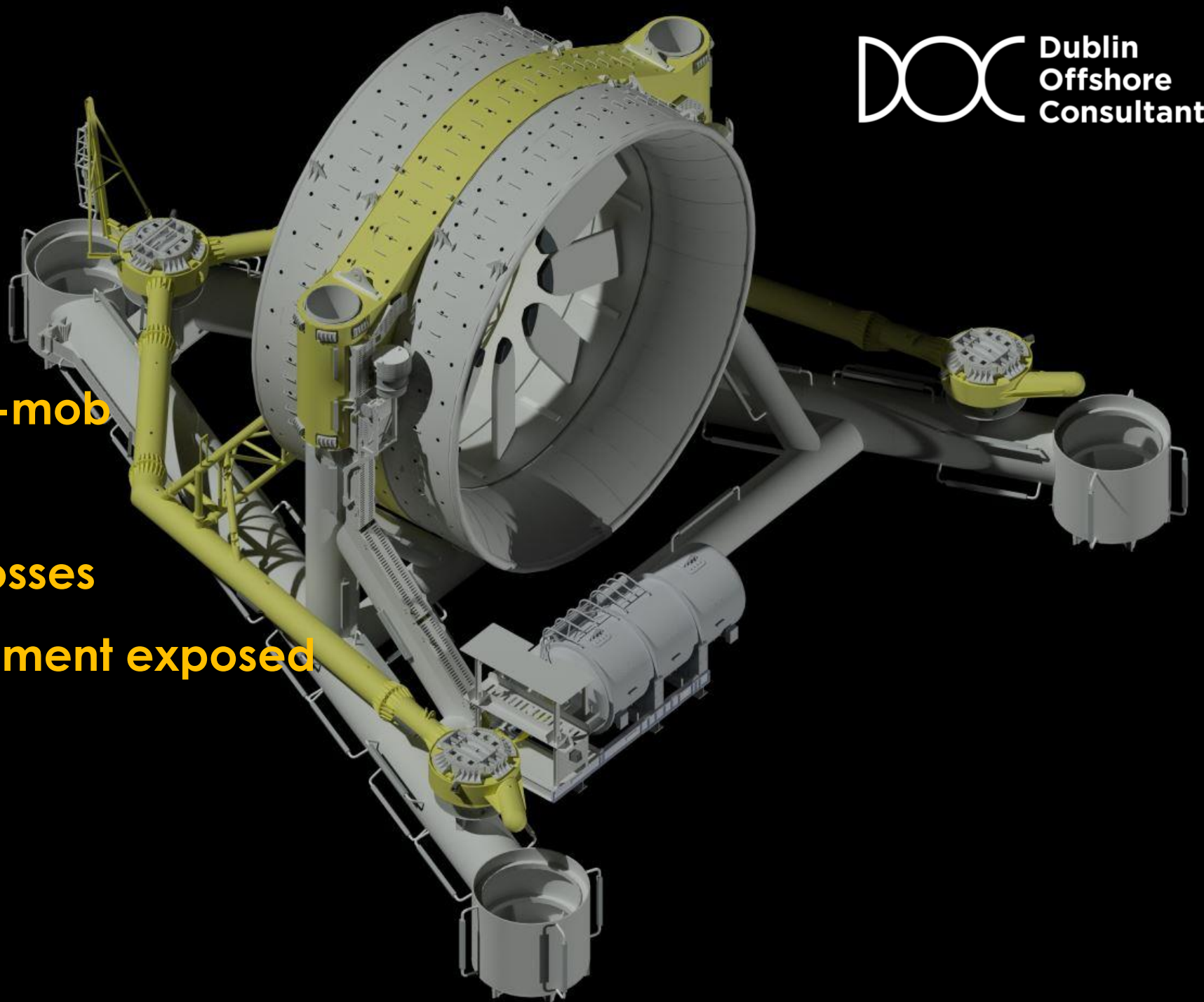
In Theory

- Clean
- Simple
- No integration considered



In Reality

- **Complex**
- **Snag Risks**
- **Slow Mob / De-mob**
- **High drag**
- **Performance losses**
- **Sensitive equipment exposed**



Mobilisation

- Limited Infrastructure in Remote areas
- Heavy Plant required
- Time & Cost impact
- O&M impact



Loadout

- Gravity Base too heavy for crane lift
- Water depth restrictions in remote locations
- Loadout plan required for detailed design

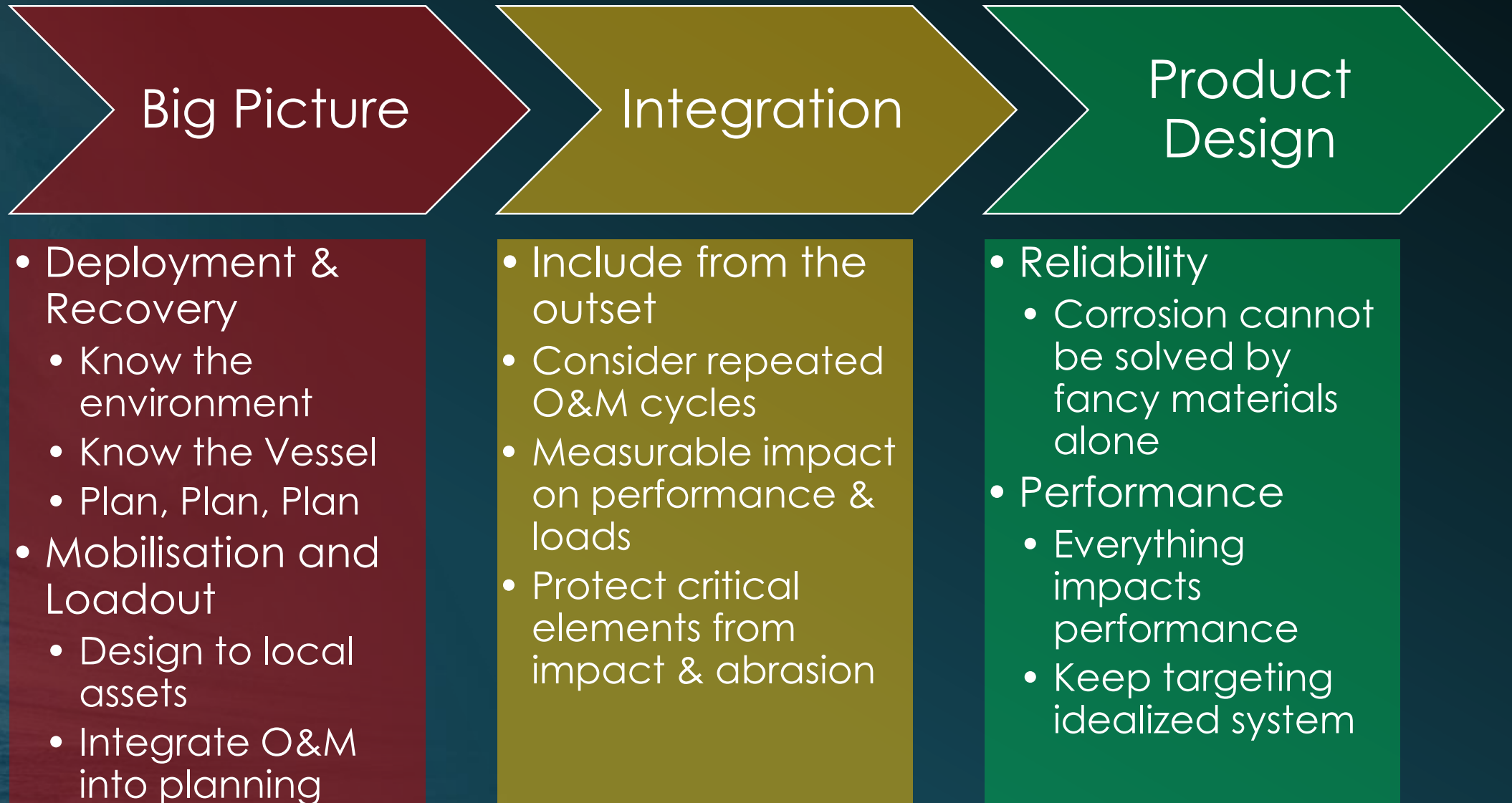


Deployment

- Harsh Environment
- Limited Vessels
- Detailed Planning and Specialist Knowledge required



Summary





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