

Operational solutions

Safe, predictive, and efficient operations

Topsides UK 2021

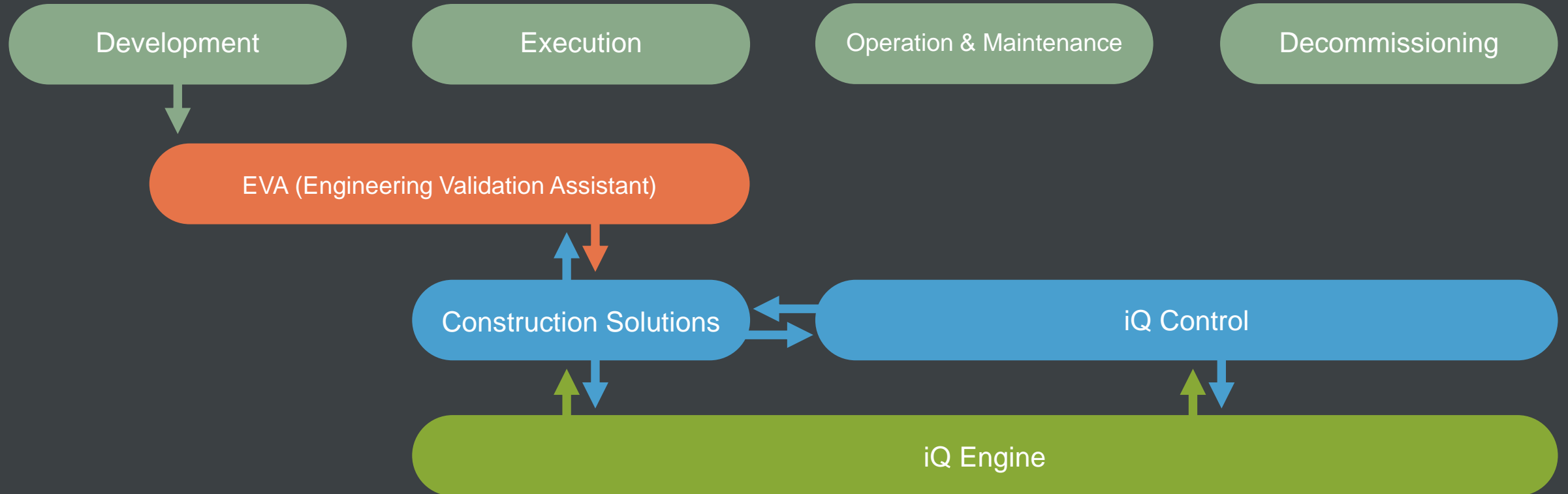
Presentation by Conor O'Leary
Head of Operations Division, asset55

asset55™

An introduction to asset55

- Global provider of digital transformation solutions to the energy sector
- Innovation based on industry intelligence, extensive research, and best practice
- Evolution and sustainability of our digital solutions underpinned by industry bodies

Product lifecycle



Business overview



Oil & Gas



Renewable



Manufacturing



Carbon Capture



Flange management



ASME PCC-1 compliant



ISO 9001



ISO 14001



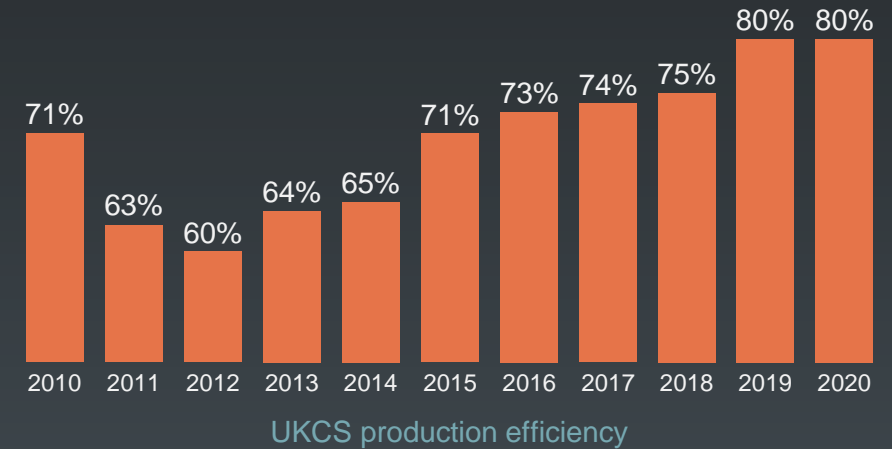
Industry challenges

In the last 10 years, UKCS turnarounds have taken on average 50% longer to deliver!

UKCS Production Efficiency Report 2020

Oil & Gas Authority

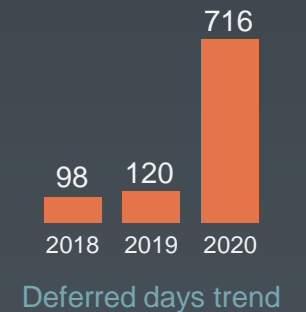
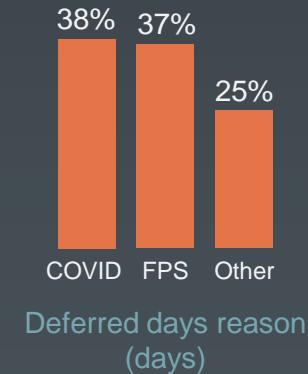
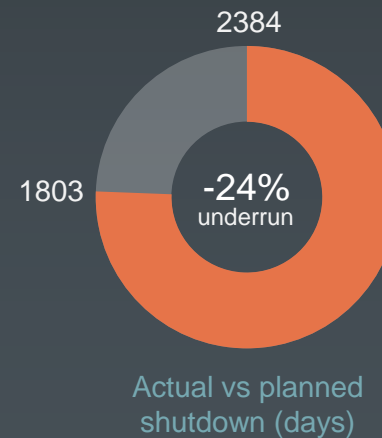
- 80% PE reached by 48% of hubs
- 41% of losses due to plant shutdown
- 716 shutdown days deferred in 2020
- 2020 & 2021 deferred days accumulate



UKCS OIM Network 2021

Step Change in Safety – Shutdown / TAR Challenges

- Resource optimisation
- Flange break management and control
- SIMOPs Management
- Auditing & Compliance



Mitigations & knowledge sharing

Technology has the potential to yield an additional \$2 billion per year in annual UKCS production!

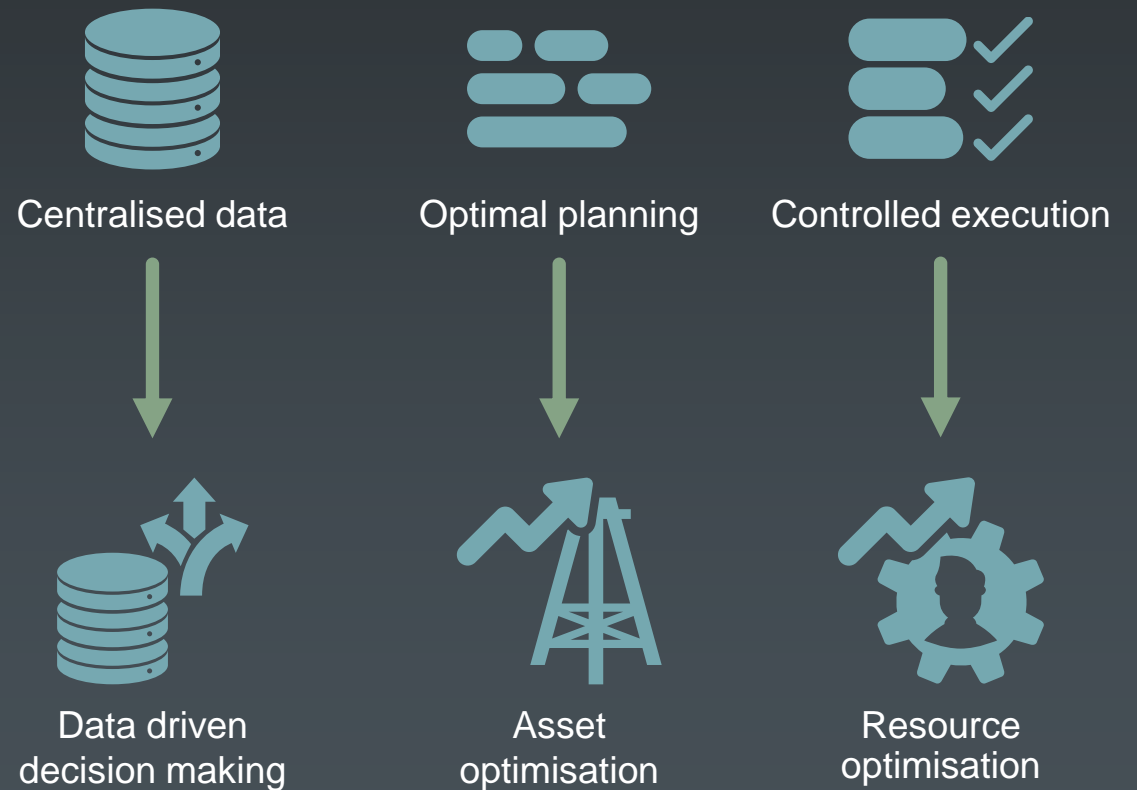
Practical mitigations

- Drive change: top-down approach
- Data specifications & standards
- Forge digital alliances
- Workforce upskilling
- Digital ecosystem

Outcomes

- Remove barriers
- Cost versus investment
- Mitigate scepticism and risk averse culture
- Augmented organisation ready for future technologies

Predictable, sustainable, resilient



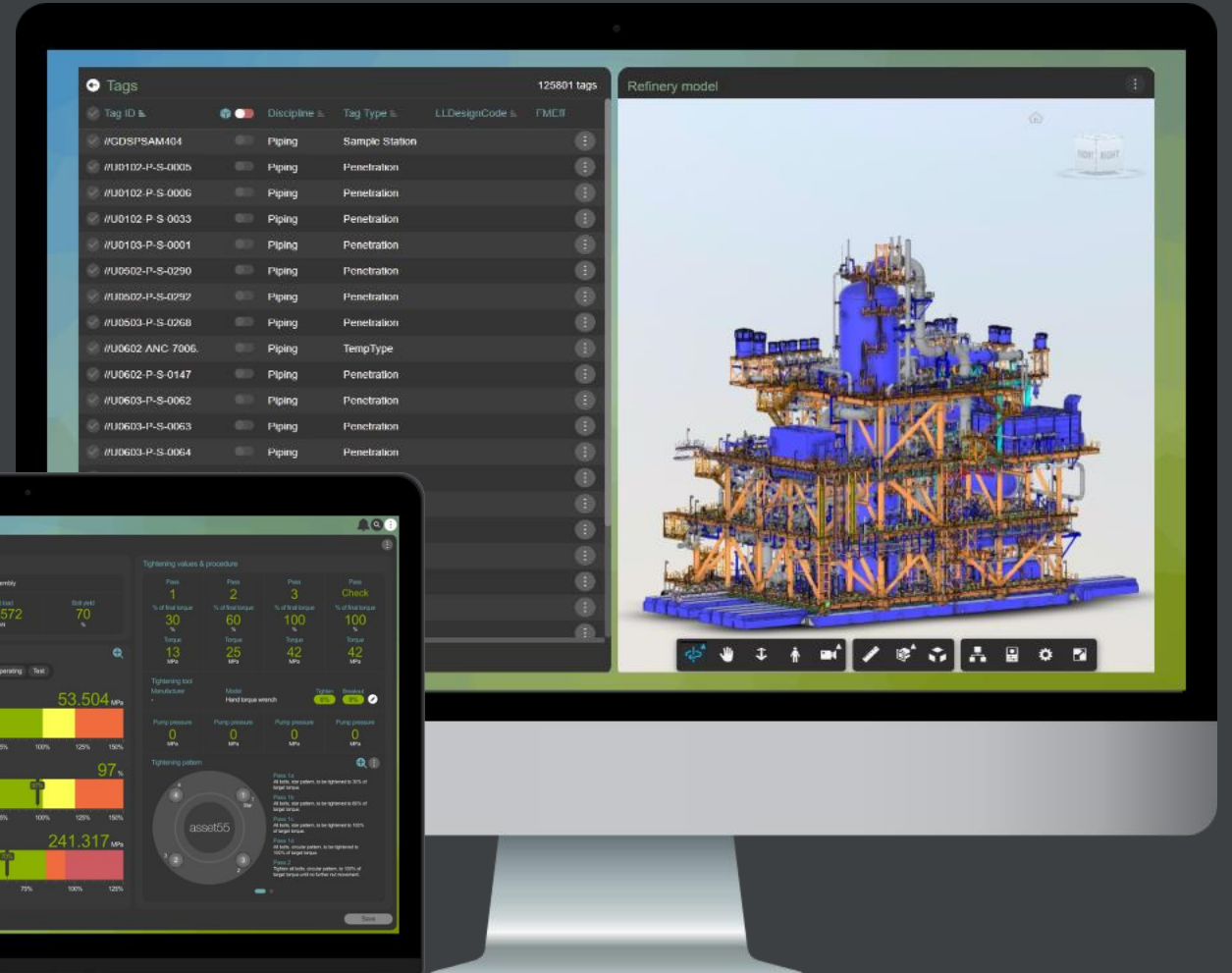
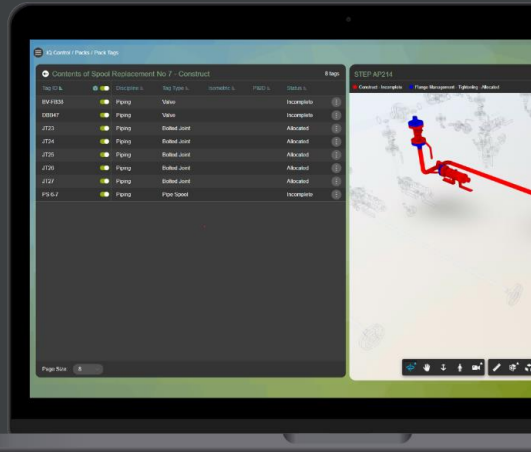
Operational solutions

Enable safe, predictable, and efficient operations

iQ Control

- Scalable, agile, accessible, sustainable
- Evolve versus best practice & asset opportunities
- Data driven decision making
- Real-time assurance
 - Preparation
 - Planning
 - Execution

iQ Engine



Thank you



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