

Curtin University

OIL AND GAS INNOVATION CENTRE

DELIVERING INTEGRATED

TO THE ENERGY SECTOR

Curtin University will grow its distinctive world-class capability and expertise in in collaboration with industry and external research partners Carbon Management Energy Futures

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Hydrogen
Secure Storage
Compliance Monitoring
CO₂ Utilisation

Reservoir Management & Productivity

- Enhanced resolution of prediction and surveillance
- Carbonate reservoirs
- Unconventional reservoirs
- Data Analytics (Deep Learning)
- Optimise recovery from mature fields and reduced water production

CUOGIC CONTRACTOR CONT

Ne delive

Infrastructure Integrity & Reliability

- Cheaper pipelines and installation
- Long-distance tie backs and flow assurance (less MEG)
- Corrosion, material and mitigation
- Sensors, robotics, IoE, Al
- Blockchain & supply systems

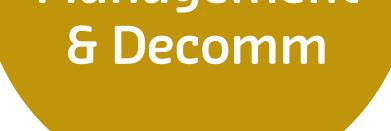
Aberdeen – Curtin Alliance

Late-Life Asset Management

- Extend field life
- Minimise
 - decommissioning costs
- Stakeholder and risk



- Plant of the Future
- Process Control and Regas
- Energy Efficiencies



management

• Energy economics, tax and policy

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Make tomorrow better.

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