



Photo: Woodside Energy Ltd



Invest in the West

Oil and Gas Opportunities in Western Australia

Annual liquefied natural gas (LNG) production capacity in Western Australia is expected to more than double from 20.6 million tonnes (Mt) in 2015 to 48.7Mt by 2018 as new projects come on stream.

The growth in production capacity is due to the A\$152.9 billion worth of LNG projects under construction or committed and a further A\$74.5 billion under consideration.

The extensive program of construction in Western Australia will strengthen the State's position as a significant global energy supplier.

LNG production from Western Australian projects has an expected life beyond 50 years. In addition, there are significant untapped resources that provide opportunities for service providers seeking to establish in the region.

KEY INVESTMENT OPPORTUNITIES

- Subsea and marine
- Unconventional gas
- Operations and maintenance
- Engineering design and fabrication
- Logistics and transport
- Emergency response and safety
- Research and innovation

Investment Opportunities

The following subsectors have been identified by industry as opportunities for investment:

Subsea and marine:

- Geotechnical and geophysical surveying
- Expanded Remotely Operated Vehicle (ROV) operator capacity
- Deep sea engineering and processing
- Baseline marine systems
- Subsea flexible pipe technology
- Floating Production Storage and Offloading (FPSO) design
- Offshore supply, operation and maintenance of vessels

Unconventional gas:

- Front End Engineering and Design (FEED)
- Onshore pipeline development
- Horizontal drill rig expertise and maintenance
- Micro-seismic monitoring
- Water management

Operations and maintenance:

- Services to LNG projects
- Management and production functions
- On-location 24/7 support services
- Specialised inspection and auditing services
- Production allocation expertise for sharing LNG facilities

Engineering, design and fabrication:

- Brownfield engineering
- Specialised engineering (process control, process safety, safeguarding)
- Front End Engineering and Design (FEED)

Logistics and transport:

- Rotary aviation training and facilities
- LNG conversion to land-based vehicles
- Debottlenecking of public infrastructure

Emergency response and safety:

- Competency-based training, high end workshops
- Safety, risk analysis and assurance expertise
- Industry specific onsite emergency support and medivac expertise

Research and innovation:

- Mini and micro LNG facilities
- Floating LNG (FLNG)
- Hydraulic fracturing
- Intelligent operations (automation, command and control)
- Cyber-security services for remote operations
- Data analytics services for the resources sector
- Productivity enhancement and cost reduction of remote oil and gas operations

Information current as at February 2016.

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