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# WESTERN AUSTRALIA'S OFFSHORE ASSET DECOMMISSIONING CAPABILITIES

**The Western Australian Government identifies petroleum decommissioning as an essential operation that requires cooperation, scientific research and technical innovation to deliver a successful solution to decommissioning management. This expertise and capability is largely available in Western Australia and accessible for decommissioning infrastructure in South East Asia.**

## Addressing a Global Issue

Decommissioning of offshore oil and gas infrastructure is an emerging global issue. Wood Mackenzie estimates that in the Asia-Pacific region alone 600 petroleum-producing fields will cease production in the next 10 years creating an expensive complication for operators. Western Australia is approaching decommissioning in the region with an integrated response from Government, industry and research partners.

## Decommissioning Offshore Infrastructure Research

In Western Australia, a large number of producing petroleum assets are at or near the end of the productive life. The Western Australian Government has identified decommissioning as an essential operation requiring cooperation, scientific research and technical innovation. The McGowan Government is building on the State's world-class expertise by supporting a joint research and development study by industry participants.

The joint research aims to deliver innovative and transformative offshore decommissioning solutions, positioning WA as a regional and global leader.

The Government of Western Australia recognises that the State may have the capability and expertise to assist in decommissioning the large number of offshore assets in South East Asia and it welcomes you to come and be a part of the solutions to decommissioning management.

## A Globally Significant Industry Hub

Perth's reputation as a global hub for oil and gas organisations and operations makes it an attractive centre for scientific and technological innovation.

## Industry Decommissioning Expertise

Western Australia has the industrial capacity and expertise to address the demand for decommissioning services. The State's industrial base has proven decommissioning expertise and is available to help reduce the region's decommissioning liabilities.

Many global petroleum producers and service providers have chosen to establish significant research and development and technology units in Western Australia, taking advantage of the state's prominent position in the oil and gas and resources industries.

Major operators active in Western Australia include:

- BP
- BHP Billiton
- Chevron
- CNOOC
- ConocoPhillips
- Eni
- ENGIE
- INPEX
- KUFPEC
- Mitsubishi
- Mitsui
- Repsol
- Santos
- Shell
- Total
- Woodside

Major Service providers active in Western Australia include:

- Aker Solutions
- Amec Foster Wheeler
- Bechtel
- FMC
- GE Oil and Gas
- Halliburton
- Saipem
- Schlumberger
- Subsea7
- Technip
- Tetra Technologies
- Wood Group Kenny
- Worley Parsons

## Research and Development Investment

Western Australia hosts a number of world-leading research institutes that pursue a results-oriented collaborative approach with industry associations and operating companies. These institutes address industry challenges and develop innovative solutions:

- Western Australian Energy Research Alliance (WA:ERA)
- University of Western Australia Centre for Offshore Foundation Systems (COFS) and UWA Oceans Institute
- Innovation Central Perth – CISCO
- Western Australian Marine Science Institution
- Curtin University – Corrosion Engineering Industry Centre
- Centre for Marine Science & Technology.

Perth is also home to National Energy Resources Australia (NERA), an oil, gas, coal and uranium industry growth centre. The aim of NERA is to maximise the value of the energy industry to the Australian economy by having an industry that is globally competitive, sustainable, innovative and diverse.



### KEY CONTACT:

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