BROWSE EXPLAINED

Browse is Australia's biggest undeveloped offshore gas resource, with the potential to support reliable domestic gas supply, long-term energy security and economic value for Australia.

Benefits

The proposed Browse to North West Shelf Project would utilise existing infrastructure at Karratha Gas Plant. This would keep a facility that has been central to Western Australia's energy industry for 40 years running, helping retain a skilled workforce and supporting the community that has grown around it.

As Australia's energy demand grows, Browse would generate decades of reliable domestic gas, supporting affordable electricity to power homes, businesses and industry. Here are some of the estimated benefits[1]:

- **Decades of domestic gas**
- **Billions in taxes**
- **Existing infrastructure**
- **Regional jobs**
- **Informed by credible science**

~A$56 billion in taxes & royalties, equivalent to funding a new hospital each year for 31 years[2]

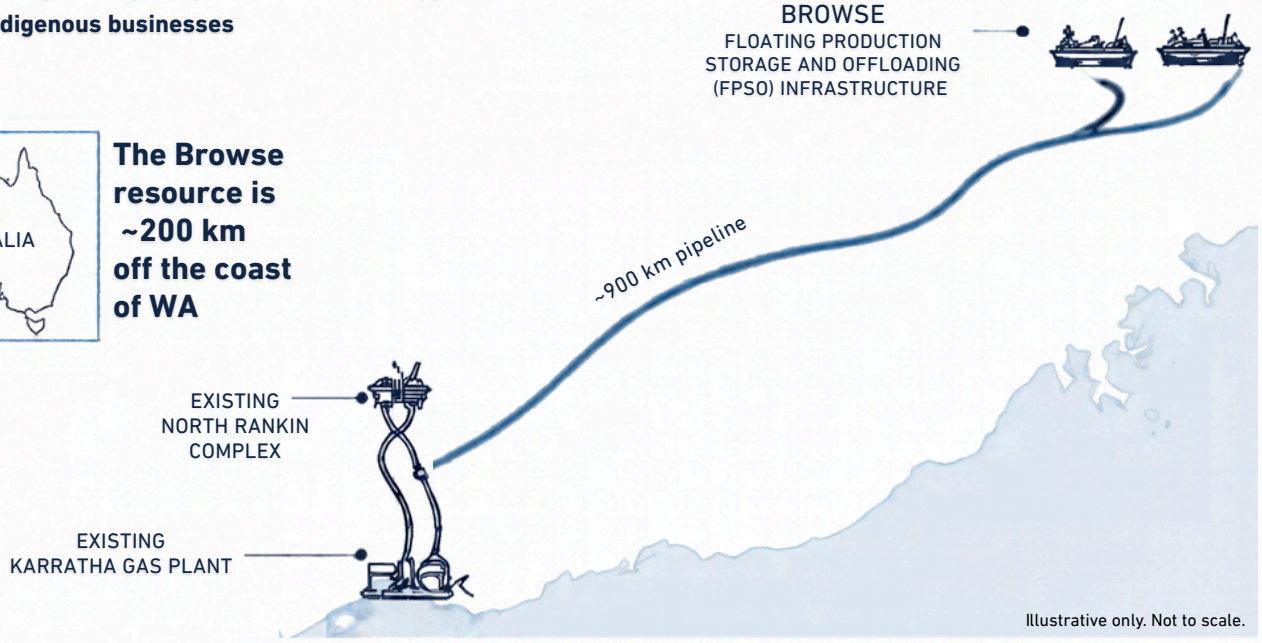
~4,700 jobs, that's equal to staffing around 80 public schools[3]

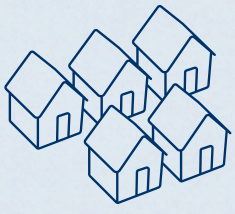
More opportunities for regional communities through local jobs, procurement and support for Indigenous businesses

A strategic investment in Australia's future



The Browse resource is ~200 km off the coast of WA





DID YOU KNOW?

Browse domestic gas production alone could generate electricity to power over **1 million WA homes** on average each year over the life of the project.[4]

Environmental management

Scott Reef and Sandy Islet are areas of exceptional environmental value and protecting these values for current and future generations is important.

Thirty years of scientific research and ongoing monitoring have shaped the project design to avoid, minimise and manage potential impacts on Scott Reef, Sandy Islet and the surrounding marine life environment.

The project is undergoing rigorous assessment under WA and Commonwealth environmental protection legislation.

Our commitments

Scott Reef

- Will not be drilled, mined or built on
- Strict exclusion zone around the reef where there will be no construction or operations activities

Spill prevention and rapid response

- Multiple layers of protection, monitoring and emergency response
- In the highly unlikely event of a release, advanced technology will be in place to instantly contain a spill, significantly reducing potential impacts

Sandy Islet and green turtles

- Closest production facility would be 28 km away from Sandy Islet, and the closest drilling would be 20 km away
- Reduced lighting during nesting season
- Lifetime monitoring of Sandy Islet and any required remediation[5] regardless of cause

Pygmy blue whales

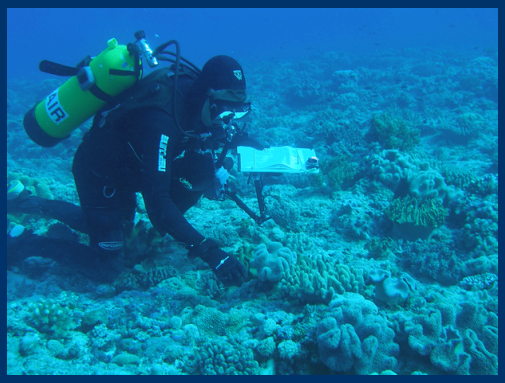
- Minimised noise-generating activities during sensitive foraging season
- Active underwater noise management to minimise potential disturbance

Carbon capture & storage

- ~53 Mt CO_2-e captured and permanently stored around 4 km beneath the seabed
- ~47% reduction in Scope 1 greenhouse gas emissions[6]
- Proven & mature technology

1. Represents modelling estimates the project could deliver. Woodside on behalf of the Browse Joint Venture commissioned Deloitte Access Economics to undertake an independent, third-party economic impact assessment. The report models outcomes under a net-zero-by-2050 pathway in all scenarios. Elsewhere in this flyer, the report is referenced as the 'Browse Economic Impact Assessment'. Figures are expressed in 2025 real undiscounted terms unless otherwise stated.
2. Economic Impact Assessment, page 3, Deloitte Access Economics. Hospital comparison based on data from Women and Babies Hospitals - WA Government (2025) Budget Paper No. 2 Volume 1.
3. Figure refers to direct and indirect jobs in the year at the peak of the operational phase, Browse Economic Impact Assessment, page 6, Deloitte Access Economics. Staffing comparison is based on average staff per Western Australian public school in the Western Australian Department of Education's 2024-25 Annual Report.
4. Based on Browse domestic gas obligation of 15% of LNG export as per existing WA Domestic Gas Policy. Extrapolation of 2016 and 2021 Australian Bureau of Statistics data indicates that Western Australia (WA) is expected to have more than 1.15 million households in 2023-24. Residential electricity consumption in WA was 23.5 petajoules in 2023-24 (Australian Energy Statistics, Australian Energy Update 2025). Electricity equivalence assumes generation in a modern combined cycle gas turbine. The estimate is illustrative only and does not represent actual electricity supply.
5. Implementing the Sandy Islet Habitat Remediation Plan in the event of significant loss of beach habitat.
6. Estimated reduction in Scope 1 GHG emissions is in comparison to the Browse JV Scope 1 GHG emissions estimate of the Browse Project presented in Chapter 7 of the 2019 EIS (EPBC 2018/2319), and is consistent with the estimates presented in the 2026 Browse CCS Referral (EPBC 2026/10569). The estimated reduction is based on abatement of 85% of reservoir CO_2 extracted by the offshore AGRU over the expected field life after the first year of operations. Reduction is 100% project share.







Scott Reef monitoring activities

Browse the facts

Credible science, purposeful design and ongoing collaboration have shaped this project. Explore the evidence, research and assessments behind Browse.

woodside.com/browse-to-nws

Woodside Energy