

# Media Release

Friday, 12 November 2021

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## WOODSIDE DRIVING FORWARD RENEWABLE HYDROGEN IN TASMANIA

Leading Australian energy producer Woodside has secured land for its proposed H2TAS hydrogen plant, marking another step forward in the company's plans for large-scale production of renewable hydrogen and ammonia.

The land is a partially cleared site in the Austrak Business Park (Long Reach), in the Bell Bay area of northern Tasmania. Woodside and Austrak have agreed an exclusive option for a long-term lease.

H2TAS is a phased development with the potential to support up to 1.7 gigawatts (GW) of electrolysis for hydrogen and ammonia production. The initial phase would have capacity of up to 300 megawatts (MW) and target production of 200,000 tonnes per annum (tpa) of ammonia, matched to forecast customer demand.

H2TAS would use a combination of hydropower and wind power to create a 100% renewable ammonia product for export as well as renewable hydrogen for domestic use.

In January 2021, Woodside signed a Memorandum of Understanding with the State of Tasmania, which outlined the Tasmanian Government's support for the H2TAS Project. The State recognises the value of developing a hydrogen hub in the Bell Bay area that capitalises on Tasmania's advantage in renewable energy generation.

Woodside announced in May 2021 a project consortium under a Heads of Agreement with Japanese companies Marubeni Corporation and IHI Corporation. The parties have completed initial feasibility studies and concluded that it is technically and commercially feasible to export ammonia to Japan from the Bell Bay area.

Woodside CEO Meg O'Neill said H2TAS aligned with the company's strategy to develop new energy projects that were customer-led and scalable to market demand, adding lower-carbon products and services to its international portfolio of world-class energy assets.

"H2TAS is already garnering interest from existing and prospective Woodside customers in Asia and Europe.

"Combined with our landmark H2Perth project announced last month, H2TAS will help to position Australia as a global leader in this emerging industry.

"Importantly, this project would also create local construction and operational jobs and new opportunities for Tasmanian businesses," she said.

Woodside is targeting a final investment decision in 2023, with construction and commissioning expected to take approximately 24 months.

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## Additional background on H2TAS

Hydrogen produces zero carbon emissions when it is used as fuel and is emerging as a critical component in the world's transition to a cleaner future. Ammonia is currently the most established means of safely transporting hydrogen over long distances.

The proposed H2TAS project is a renewable hydrogen project to be constructed on a partially cleared site located east of the Bell Bay Advanced Manufacturing Zone, a heavy industrial precinct north of Launceston.

At full potential, H2TAS would involve a 1.7GW phased electrolysis-based hydrogen and ammonia plant, subject to customer demand and utility availability. The initial phase of 300MW would target production of 200,000 tpa of ammonia matched to forecast export demand, and small volumes of hydrogen and ammonia locally as the domestic market develops. The facility would use a combination of hydropower and wind.



**H2TAS: Phase 1 (Conceptual image only)**



**H2TAS: Full Capacity (Conceptual image only)**