

Murchison Renewable Hydrogen Project

“Large scale renewable hydrogen project proposed to be located on Murchison House Station, just north of Kalbarri in the mid-western region of Western Australia”



Hydrogen Renewables Australia (HRA) Pty Ltd is proposing to develop a large scale (up to 5,000 MW) combined wind and solar farm to produce low-cost renewable hydrogen. The project would create enough ‘green hydrogen’ to ultimately meet the growing demands of the Asian energy market, while creating jobs and economic opportunities for Australia.

Green hydrogen (or renewable hydrogen) is the term commonly used for hydrogen which is produced using purely renewable energy.

The Murchison Renewable Hydrogen Project is proposed to be developed in stages:

1. A demonstration phase providing hydrogen for transport fuels
2. An expansion to blend with natural gas in the nearby Dampier to Bunbury pipeline
3. A large expansion to produce hydrogen for the Asian markets, notably Japan and Korea.

The project is located (see map overleaf) on Murchison House Station just north of the coastal city of Kalbarri in WA’s mid-west region. We have assessed this location as having an ideal combination of wind and solar capable of delivering the low-cost electricity needed to power electrolyzers to achieve competitive-priced green hydrogen for local and international markets.

Who’s involved?

HRA has been established by highly experienced renewable energy developers, working in collaboration with Siemens Limited who are world leaders in electrolyser technology.

Through the process of electrolysis, the electrolyser equipment uses electricity and water to produce hydrogen.

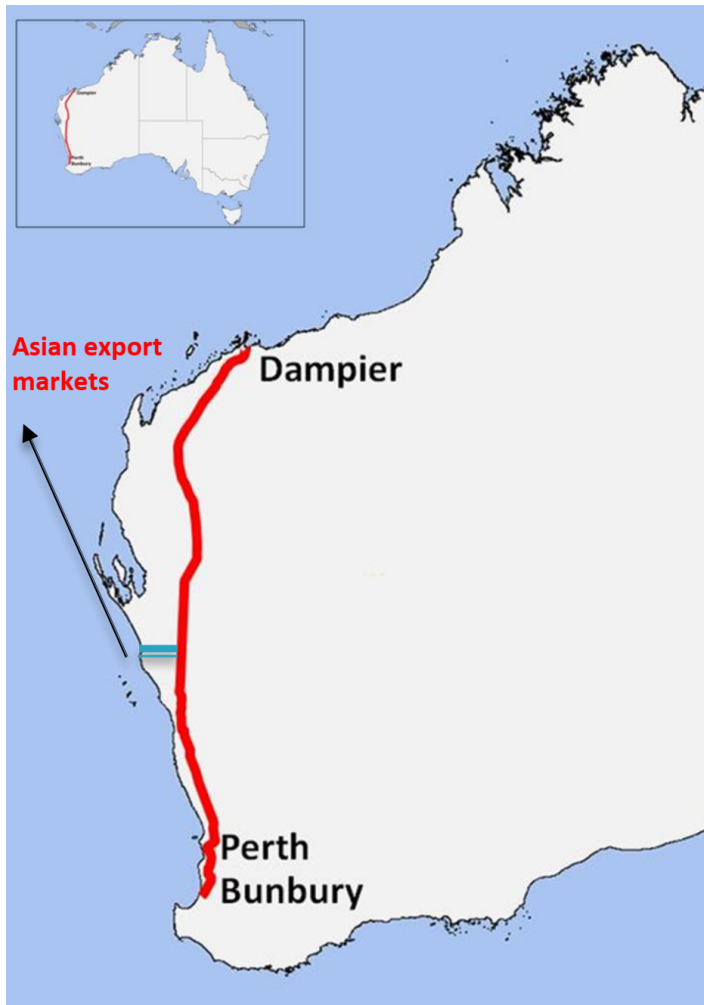
Working with government, stakeholders and local communities

While the project is in its early stages, we have undertaken preliminary investigations and concluded that the site is the best in Australia to develop renewable hydrogen. That conclusion has taken into account, amongst other things, the quality of wind and solar resources, expected low environmental impact and proximity to both local and international markets.

We have undertaken preliminary discussions with key representatives of the Western Australian and Commonwealth Governments, the local Northampton Shire Council, the local Nanda Aboriginal

Corporation and several other key local stakeholders. The project has received a favourable response and a comprehensive communications and stakeholder engagement process is being planned to commence for November 2019.

We believe that the project will contribute significantly to the national, state and local objectives for new investment, new jobs, renewable energy sources and new export markets. We look forward to working with government, stakeholders and local communities to realise this exciting new project.



Enquiries can be made to

TERRY KALLIS
EXECUTIVE CHAIRMAN

61(0) 419 810 153
tkallis@hydrogenrenewablesaustralia.com