



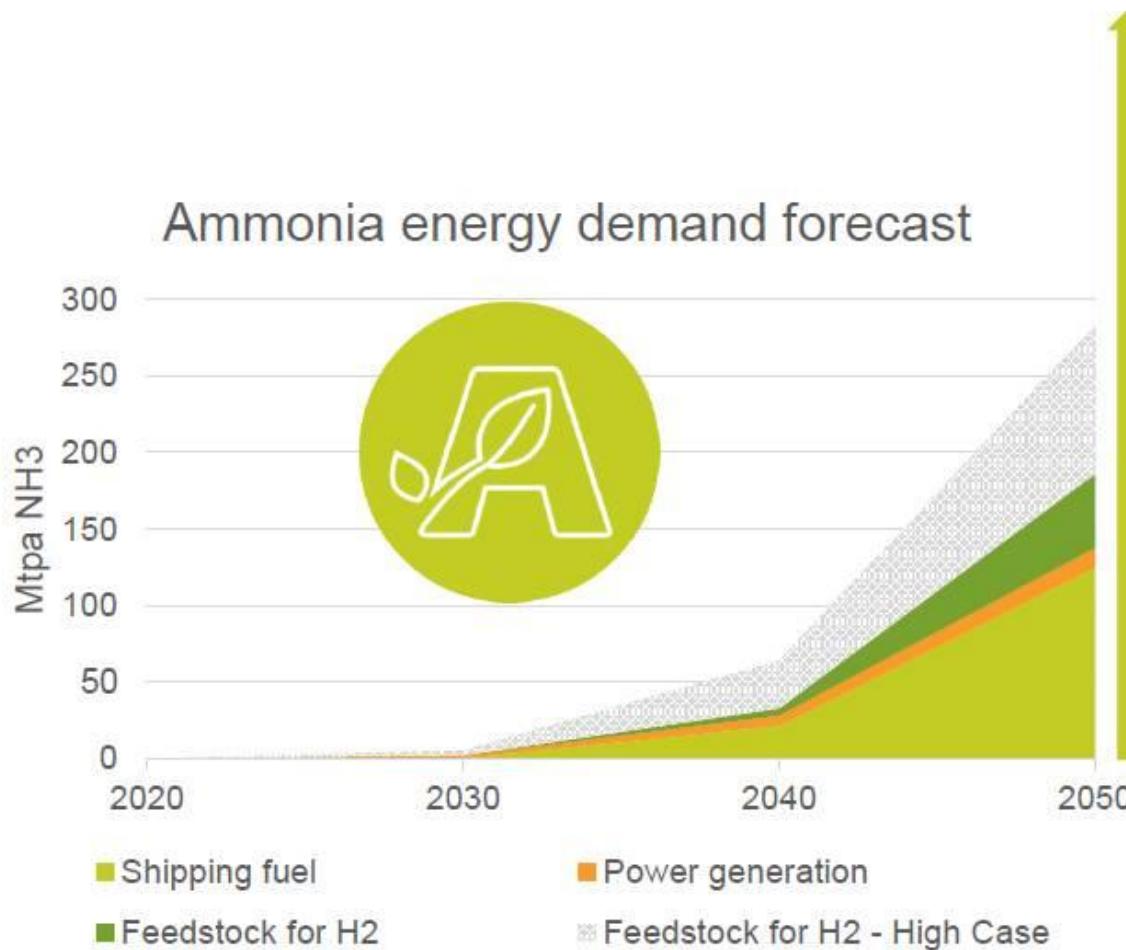
Ammonia Energy Association Conference

August 2021

Hon Alannah MacTiernan MLC

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AMMONIA ENERGY DEMAND FORECAST



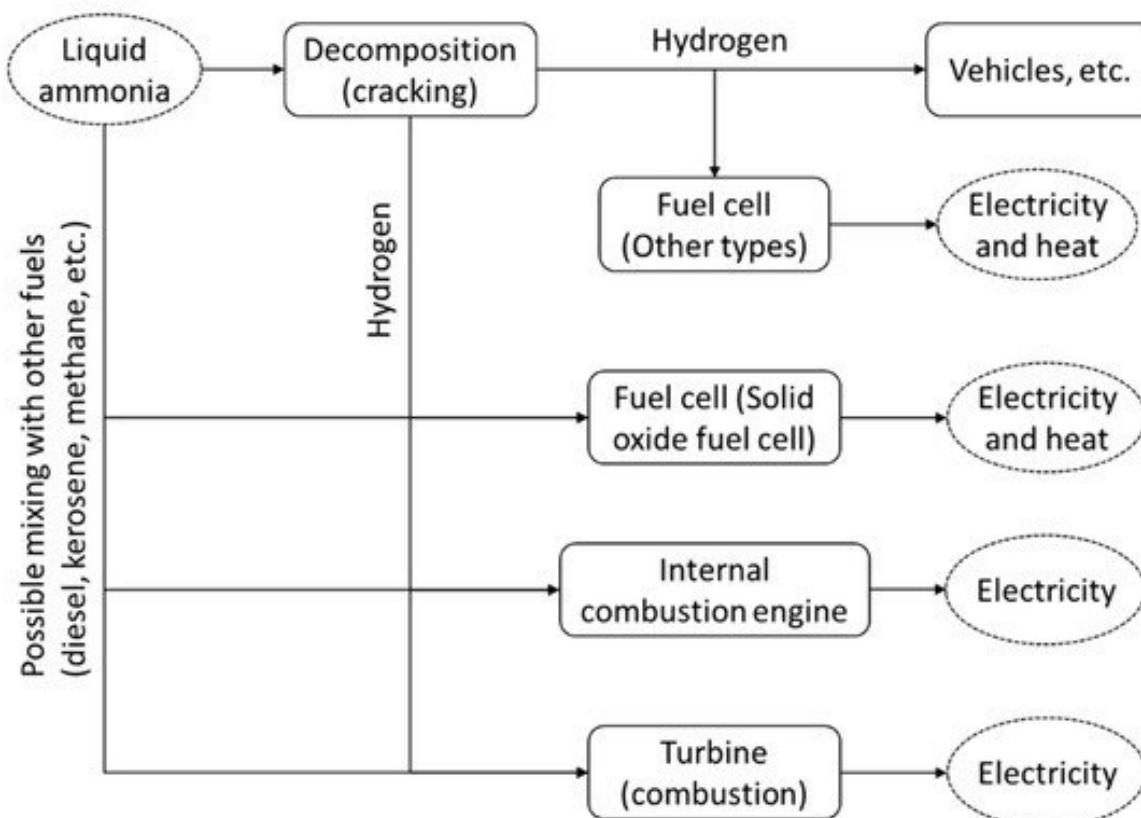
Source: Ammonia Energy Association

AMMONIA USE IN MINING



Controlled mining blast spanning 50 hectares

APPLICATIONS OF AMMONIA IN THE HYDROGEN SUPPLY CHAIN

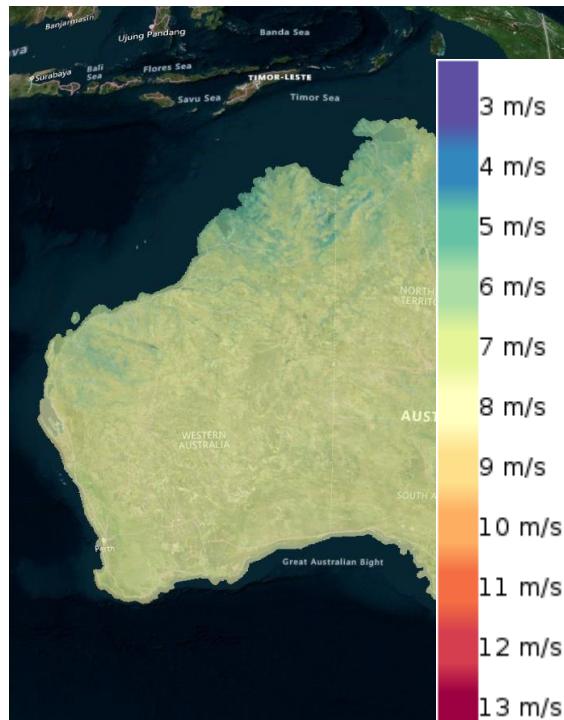


Source: MDPI

WHY WA? OUR NATURAL ADVANTAGES



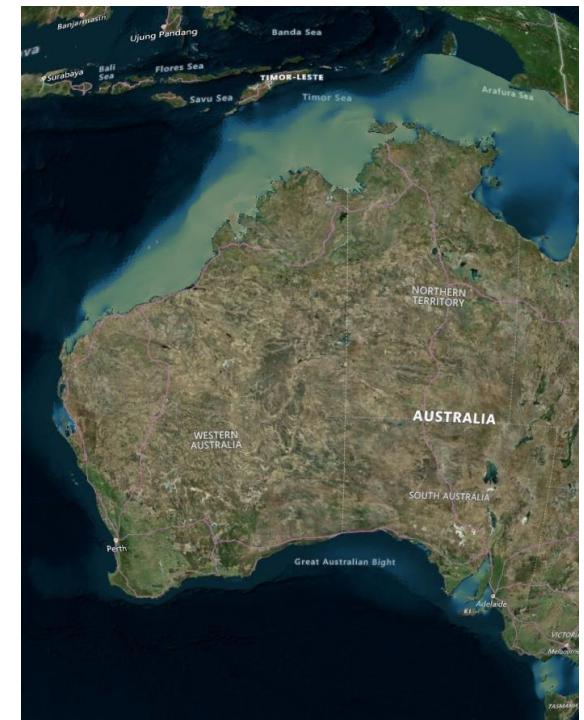
Solar



Wind



Wave



Tidal

Source: Geosciences Australia

WESTERN AUSTRALIA'S HYDROGEN PROJECTS

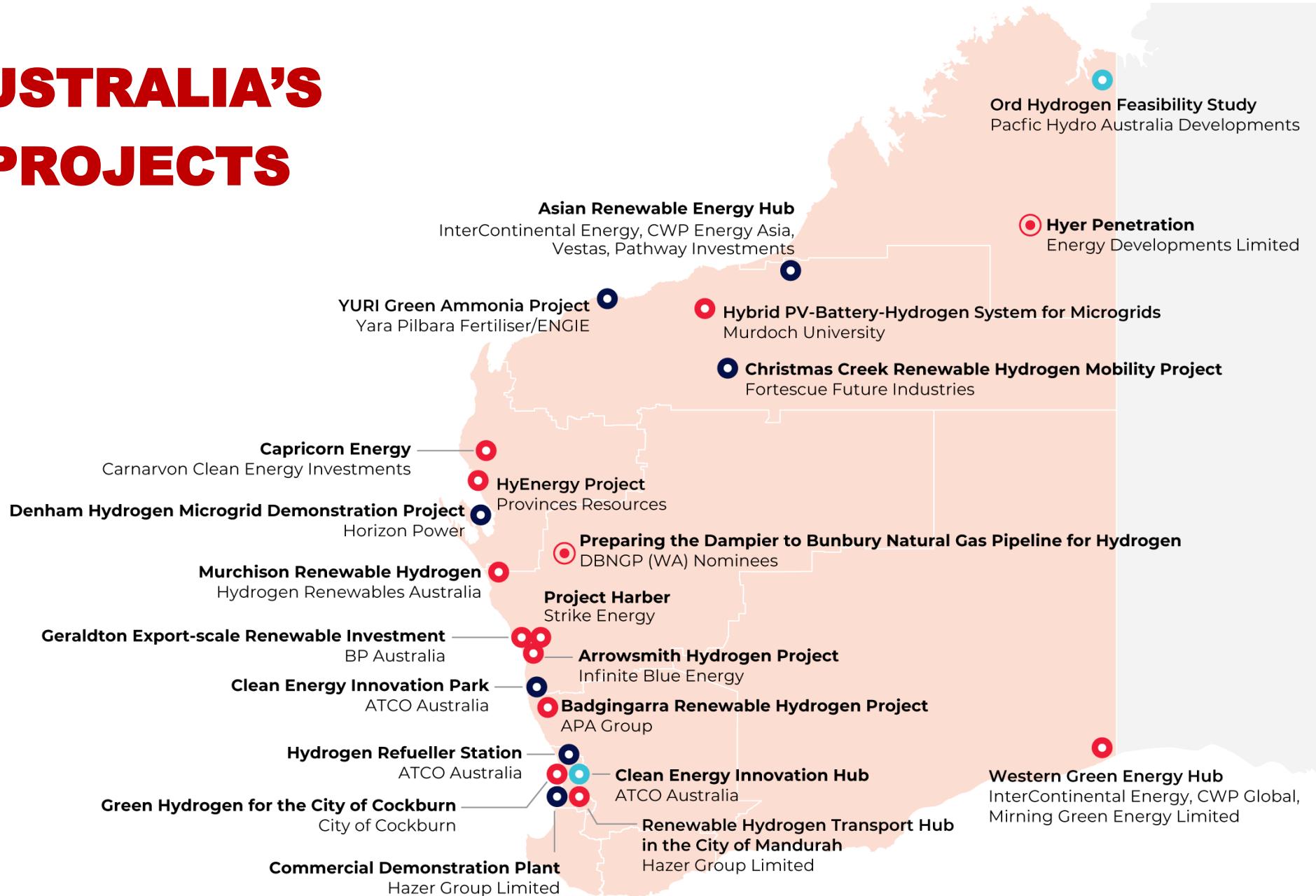
Project status (as at August 2021)

● Investigation study

● Project in progress

● Completed

● Multiple sites and/or regions



OUR HYDROGEN JOURNEY SO FAR



OUR RENEWABLE HYDROGEN CAPITAL WORKS

PROJECT INVESTMENTS TO DATE

1. Denham Hydrogen Microgrid - Horizon Power

Commissioning - December 2021

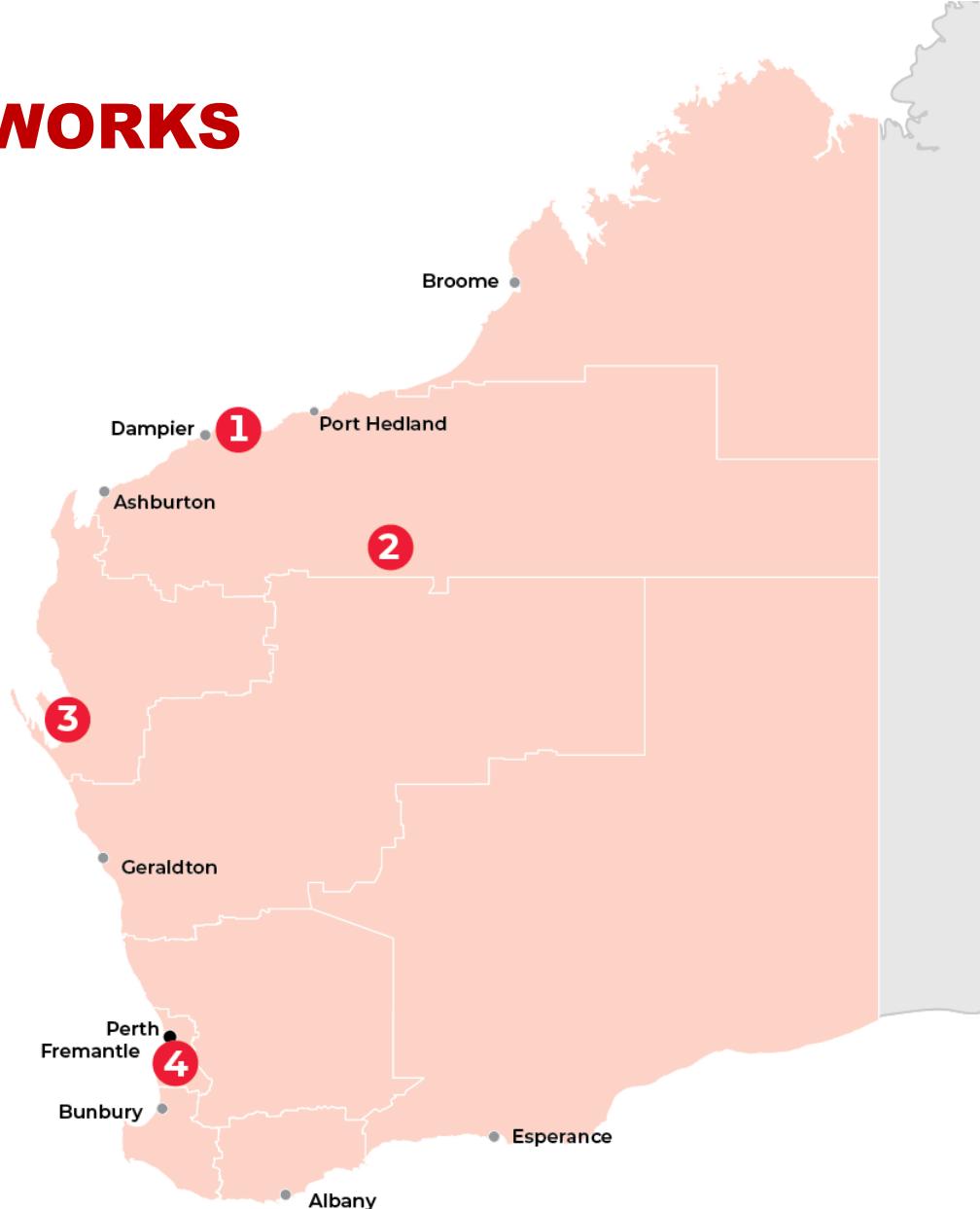
2. YURI Green Ammonia Project - Yara/Engie

Completion – December 2022

3. Christmas Creek Renewable Hydrogen Mobility Project - Fortescue Future Industries

Completion of Capital Works - October - December 2021

4. Hydrogen Refueller Station & Gas Blending Capital Works Projects - ATCO Gas Australia



Oakajee Strategic Industrial Area



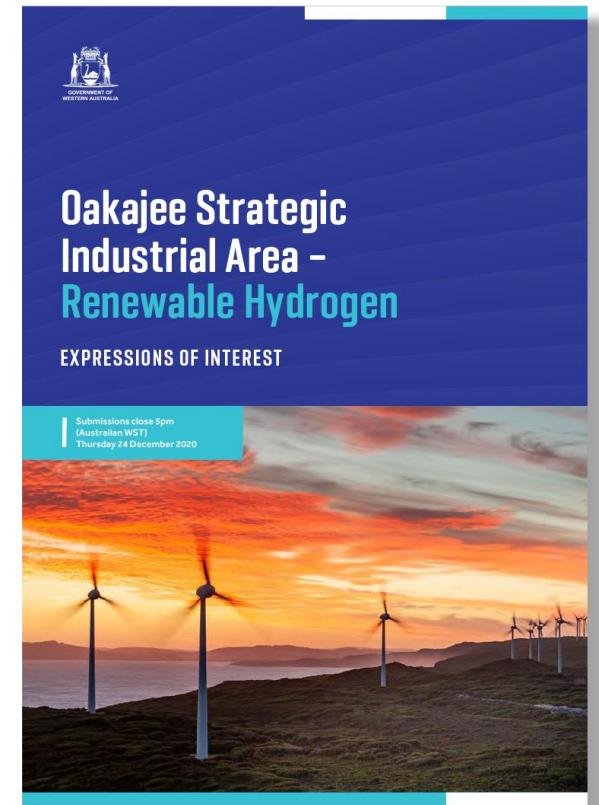
EOI received
65 applications



More than half
of the EOIs were
from **international**
companies of
consortia



Election
commitment
A\$7.5 million for
road infrastructure
at Oakajee



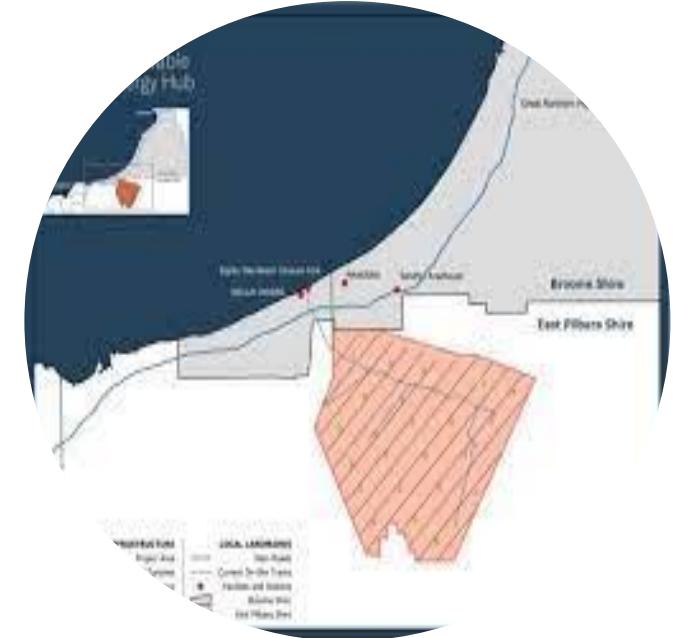
OTHER NOTABLE HYDROGEN/AMMONIA PROJECTS



Murchison Renewable Hydrogen

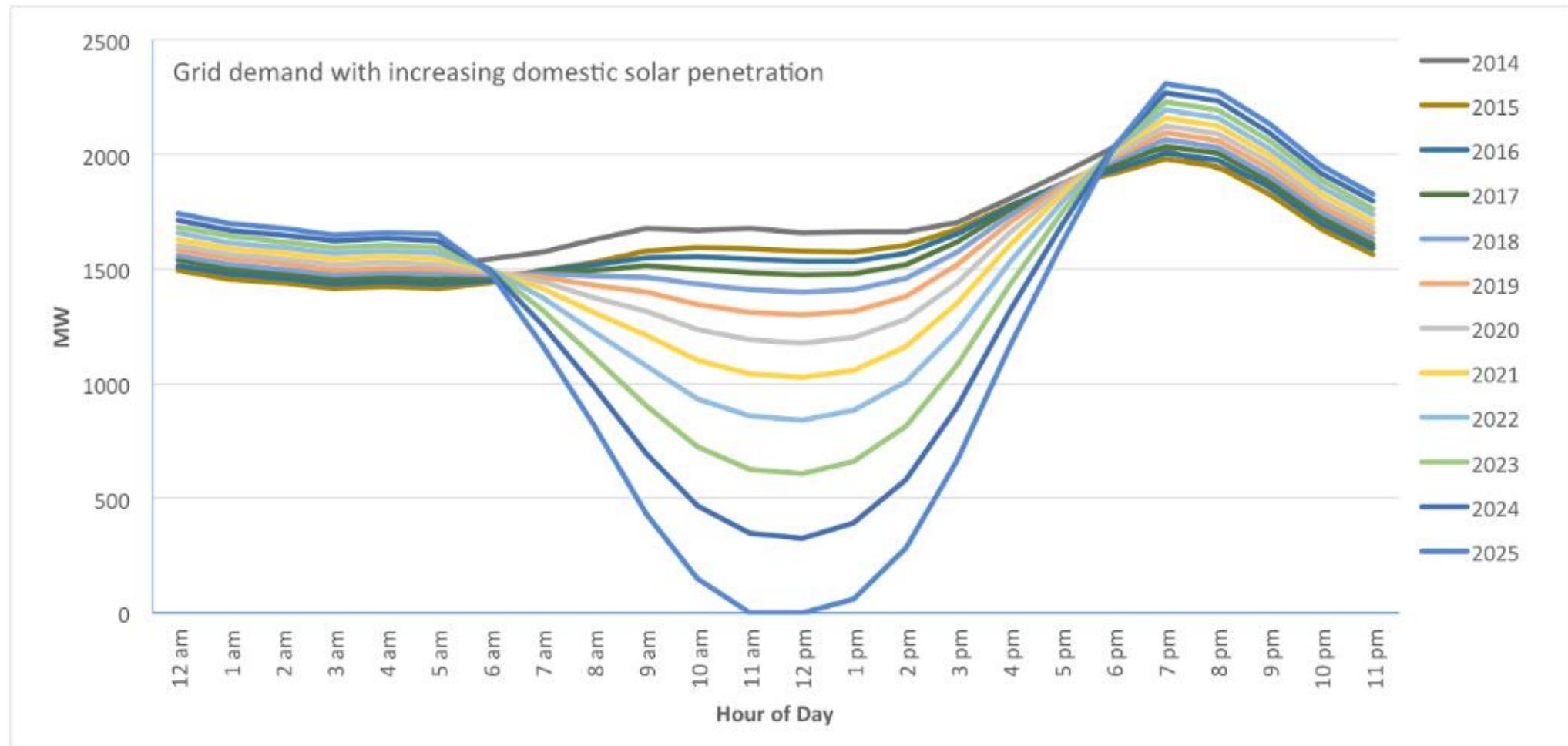


Western Green Energy Hub



Asian Renewable Energy Hub

NEW KIDS ON THE BLOCK



SWIS excess daytime generation

LAND TENURE AND NATIVE TITLE



Land tenure and
Native title

DEMAND STIMULATION



REGULATORY REFORM AND CERTIFICATION



Certification



Regulatory
Reform

BUILDING OUR LOCAL MANUFACTURING CAPACITY



Renewable Hydrogen Infrastructure

Wind Turbines, Electrolysers



Downstream Manufacturing Green Steel, Green Aluminium, Green Cement



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