

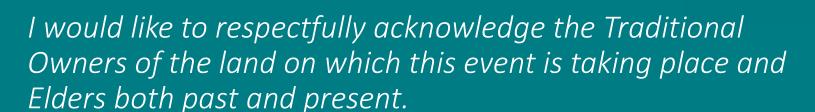
Queensland Update on Hydrogen

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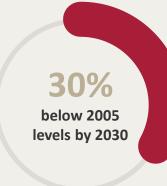
I also recognise those whose ongoing effort to protect and promote Aboriginal and Torres Strait Islander cultures will leave a lasting legacy for future Elders and leaders.

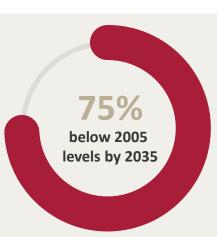


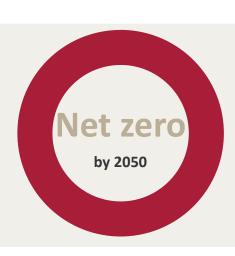




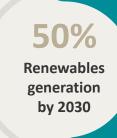


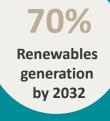


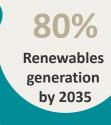




Queensland's renewable energy targets







Queensland Energy and Jobs Plan



Will deliver:

- √ 50% renewable energy target by 2030.
- ✓ 70% renewable energy by 2032
- √ 80%+ renewable energy by 2035.
- √ 95% reduction in electricity emissions by 2035.
- ✓ Zero net emissions by 2050
- **✓** Brisbane 2032 Olympics Climate Positive

The Enabling Queensland's hydrogen production and export opportunities report:



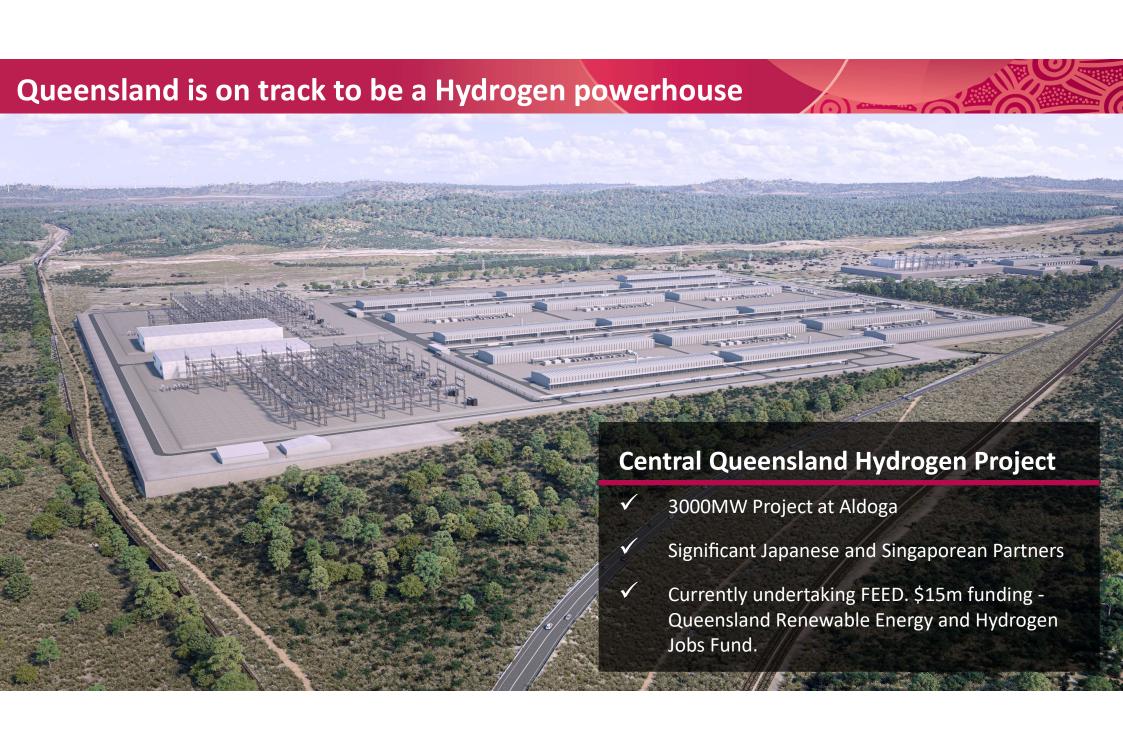


- **Demonstrates Queensland's unique opportunity** to create an internationally significant renewable hydrogen export industry.
- Identifies and evaluates each of Queensland's key export **regions** including existing infrastructure and its potential role in local supply chains.
- ✓ Gives strategic insight for proponents into Queensland's hydrogen production potential as they plan, develop and secure capital, partners and off-take for their projects.
- ✓ Provides industry and government partners a platform for future planning and provides a reference to guide industry to grow sustainably, while balancing economic, social, environmental and cultural values.

Weipa Priority ports Other ports 122 kV Electricity transmission network 110 kV Electricity transmission network AFMO REZ Far North Queensland North QLD Clean Energy Hub Karumba @ Darling Downs Barcaldine Northern QREZ Central OREZ Image: Queensland ports and renewable energy zones

Hydrogen in Queensland regions just makes sense!

- ✓ Significant wind and solar resources.
- ✓ Large transmission network and established industrial hubs in Northern Queensland.
- √ 14 ports, 5 priority ports majority public owned.
- ✓ Experience and an energy exporter and capability in export of bulk commodities out of multiple ports.
- Publicly owned generators, ports and transmission network.
- ✓ Plenty of land including State Development Areas (SDAs) and Infrastructure Corridors.
- ✓ Large regional population and highly skilled workforce













Creating a clear pathway

Community engagement

\$5 Million to expand community awareness on hydrogen and build social licence

Project planning

\$15 Million in technical studies to support strategic project planning in our hydrogen hubs











Initial Bill passed with broader reforms being considered and consulted on



Refreshing the Queensland Hydrogen Industry Strategy for actions beyond 2024

- Project facilitation
- \$35 Million Hydrogen Industry Development Fund
- \$4.5 Billion Queensland Renewable Energy and Hydrogen Jobs Fund



Let's continue the conversation



12-13 SEPTEMBER 2024

BRISBANE, AUSTRALIA



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Thank you



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www.epw.qld.gov.au/about/initiatives/hydrogen

