



# The Ord Hydrogen Plant

## The project

Pacific Hydro has support from the Western Australian Government to explore whether it is possible to build a renewable hydrogen plant near Kununurra. The plant would produce hydrogen using renewable energy from The Ord River Hydro Power Plant, which Pacific Hydro has owned and operated since 1997.

We are now at the investigation stage. Throughout the second half of 2020 we will consider technologies, supply chains and potential markets, water sources and waste management options, approval requirements and other technical elements before deciding whether to move forward with the project.

If it goes ahead, the hydrogen plant would be powered by unused renewable energy from The Ord River Hydro Power Plant after the Argyle Diamond Mine closes.

It could supply hydrogen or ammonia for local consumption, as well as for export.

## Community engagement

Involving communities in development activities from the very beginning is as important to Pacific Hydro's success as technical and financial factors.

The restrictions in place due to Covid-19 prevent us from doing this in person right now, but we believe it's important to start the conversation with the community to understand any questions or concerns. With the safety of the community in mind, we will be doing "socially distanced" engagement during the investigation stage.

Throughout late 2020, we will be meeting (virtually) with key stakeholders, neighbours, and community groups. We will also provide the broader community with an

opportunity to ask questions and provide feedback online.

**To find out more and sign up to receive updates please visit [www.pacifichydro.com.au/ordhydrogen](http://www.pacifichydro.com.au/ordhydrogen).**

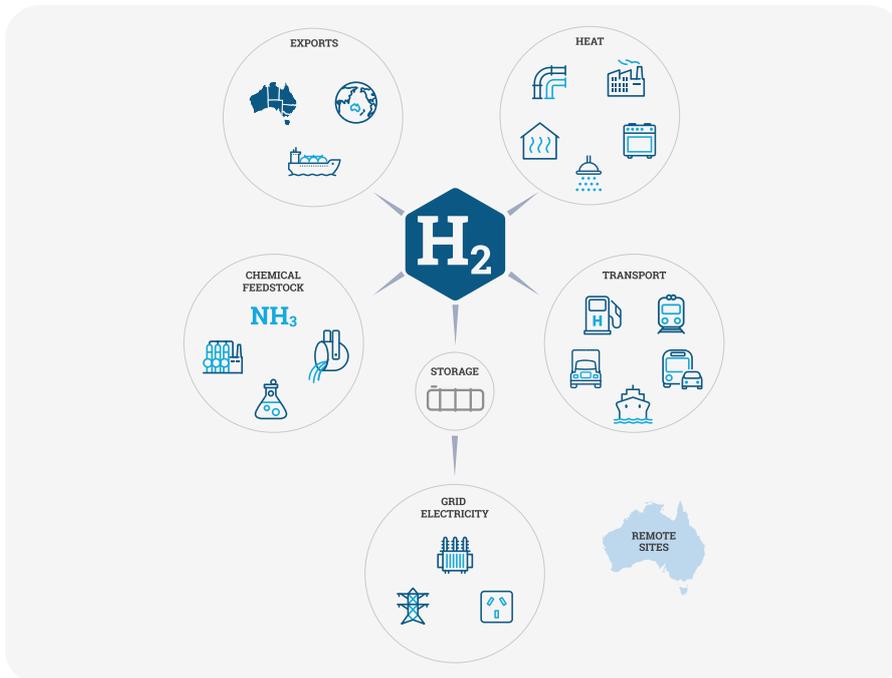
## Local benefits

If the project goes ahead it will deliver employment and opportunities for local businesses during construction and help to grow and diversify the local economy.

The project could put the East Kimberley at the forefront of Australia's transition towards a hydrogen economy.

Pacific Hydro will continue to provide a reliable source of electricity to the people of Kununurra and Wyndham from The Ord River Hydro Power Plant.





Potential uses of Australian hydrogen. Source: ARENA

## Hydrogen energy

Hydrogen is a flexible, safe, transportable, and storable fuel. It can be used to power vehicles and create heat and electricity. It is also a key ingredient for producing chemicals such as ammonia, which can be used as a fertiliser.

To support a future where all our energy comes from clean sources, the world needs

clean, flexible, storable, and safe fuels. Hydrogen has all these features. When used as a fuel, it produces no carbon emissions. It can be safely used in a broad range of ways.

Australia has the resources and skills to build a hydrogen industry that can help meet agreed emissions targets and address concerns around energy security.

## Hydrogen Safety

Hydrogen has been safely produced and used for more than 50 years.

Safety will be a key consideration of the feasibility study.

## About Pacific Hydro

Founded in Australia in 1992, Pacific Hydro is a global owner, operator, and developer of renewable energy assets.

## Contact us

For any complaints, enquiries, or feedback about this project, please contact us on **1800 730 734** or at [enquiries@pacifichydro.com.au](mailto:enquiries@pacifichydro.com.au)