



ENERGY

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# \$10bn+ hydrogen plan for Murchison

By [Matt Mckenzie](#)



Badgingarra Wind Farm is in the Mid West. Photo: Gabriel Oliveira

An export-scale ammonia plant backed by 5.2 gigawatts of renewable power near Kalbarri has been submitted for environmental assessment.

The project is being developed by Murchison Hydrogen Renewables, which is majority-owned by Copenhagen Infrastructure Partners and is led by chief executive Shohan Seneviratne.

CIP bought a stake from Hydrogen Renewables Australia, which is now a minority partner.

Denmark-based CIP is understood to have about €16 billion (\$24 billion) of funds under management, and is also backing the Star of the South offshore wind farm in Victoria.

The development 20 kilometres north of Kalbarri will include 700 wind turbines, with capacity of 3.5GW, and 10,000 hectares of solar panels, according to documents submitted to the [Environmental Protection Authority](#).

That will feed electricity to a 3GW electrolyser which will produce enough hydrogen for a 2 million tonne per annum ammonia plant.

It will also include a battery with up to 700 megawatt hours of reserves.

The project would need 5.5 years for construction and operate for 30 years, according to the plan.

It's understood the capital cost will be more than \$10 billion.

There are a series of major renewables projects proposed in Western Australia at varying levels of readiness.

In 2021, Intercontinental Energy hit a major hurdle on its planned green hydrogen project in the Pilbara, with the \$20 billion-plus Asian Renewable Energy Hub failing federal environmental assessment.

Earlier this year, *Business News* revealed Fortescue Future Industries was [developing a giant renewable project in the Pilbara](#).

In March, Copenhagen Energy submitted environmental documents [for a 3-gigawatt offshore wind farm off the coast of Bunbury](#), equivalent to more than half of the capacity in the state's main power grid.

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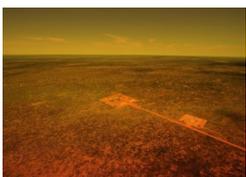
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