

Novocastrian Offshore Wind Farm



Novocastrian Offshore Wind is looking to develop a new offshore wind farm more than 20 kilometres off the coast of NSW's Hunter region. This project is in the early stages of feasibility assessment.

The Novocastrian Offshore Wind Farm will be capable of providing up to 2 gigawatts (GW) of renewable energy.

Strong, consistent wind resources off the coast of Newcastle are highly suitable for the generation of offshore wind energy. The Novocastrian Offshore Wind Farm will use approximately 100 - 130 turbines fixed to floating foundations to generate electricity. Energy will then be transported to the mainland cables and connect to the existing Newcastle high-voltage energy grid.



Community engagement is an important part of our approach as it allows us to understand stakeholders' views and expectations.

Consultation will be ongoing as the Novocastrian Offshore Wind Farm progresses through feasibility assessment and design phases.

Why Offshore Wind

Offshore wind energy offers huge potential to deliver a significant new supply of clean, reliable energy as wind speeds are higher offshore and larger turbines can be used, meaning that more energy can be generated from an area. Offshore winds are typically stronger in evenings when solar power is not available. Offshore wind projects located close to regions with large energy loads will also help to accelerate the decarbonisation of our economy and provide a 'backbone' to support the development of new industries, like green manufacturing, electric transport and clean energy exporting.

New and expanded onshore supply chains will be needed to develop offshore wind farms given their scale and the complexity of assembling floating offshore wind infrastructure. This in turn, can create thousands of new jobs for – including skilled workers keen to transition into cleaner, more modern industries.



Multi-billion Investment



2GW Clean Energy



Estimated 3000 Construction Jobs



200-300 Permanent Jobs



Support for New Industry

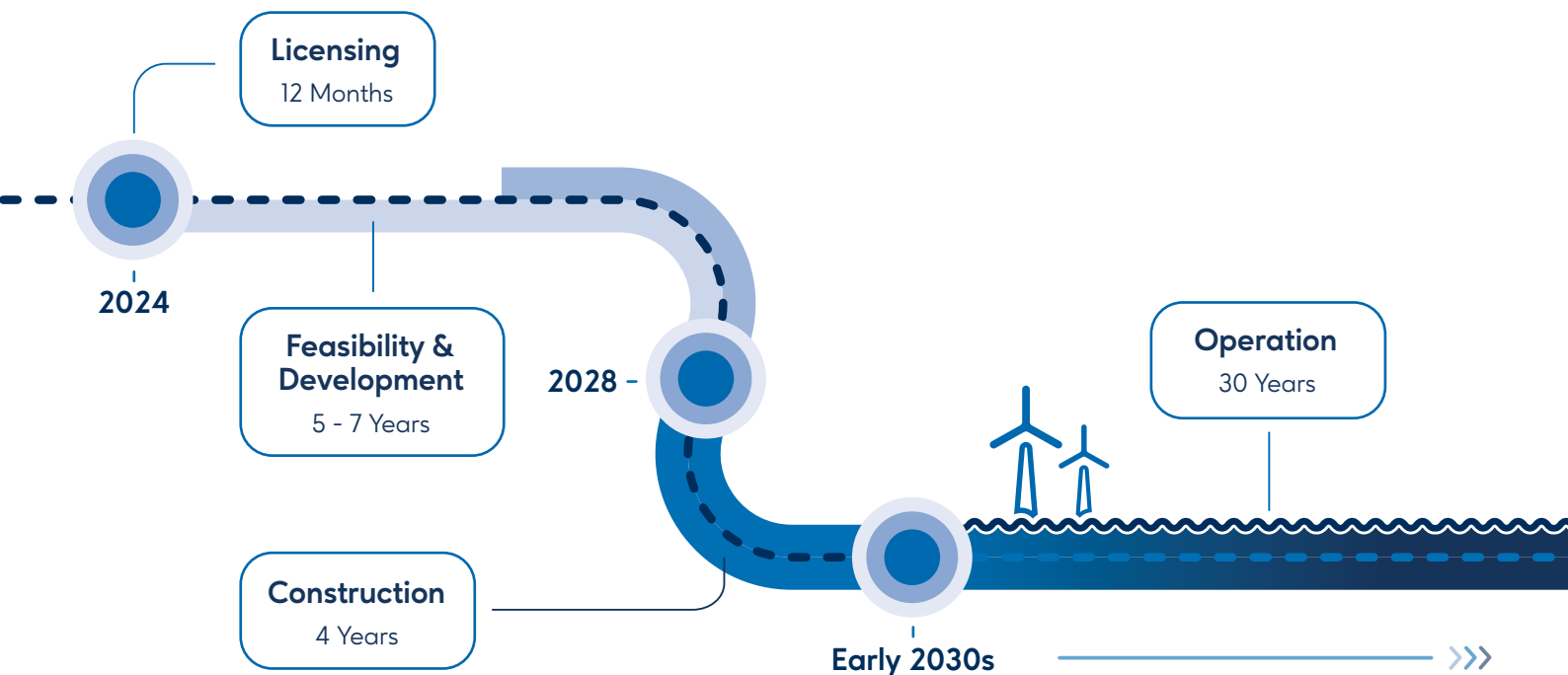
Why the Hunter region?

The Hunter is an ideal home for the development of offshore wind. With existing heavy industry, transmission infrastructure and a large skilled workforce and a world class deep water port in the Port of Newcastle, it is ideally suited to supporting the development, deployment and operation of large-scale offshore wind assets.



Project timeline

If approved, the Novocastrian Offshore Wind Farm is expected to commence construction later this decade, with first power delivered into the NSW energy market in the early 2030's.



Got a question?

To find out more about the Novocastrian Offshore Wind Farm or to register for updates, please visit



novocastrianoffshorewind.com.au



info@novocastrianoffshorewind.com.au