

PROJECT OVERVIEW

AUSTRALIA'S MOST ADVANCED OFFSHORE WIND PROJECT

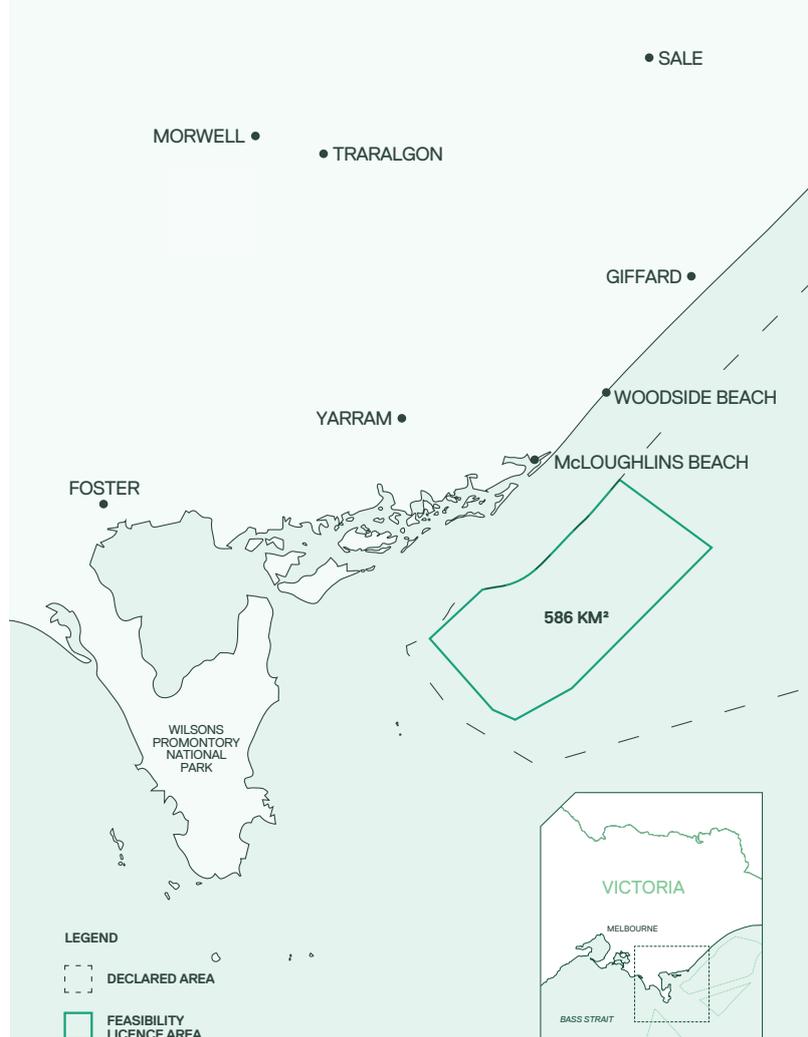
Star of the South will harness strong Bass Strait winds to boost energy supply and kick-start a new industry, so Gippsland can continue powering Victoria for decades to come.

Proposed at least 10 km off the Gippsland coast, Star of the South has the potential to generate up to 2.2 GW of new capacity – that's enough to power around 1.2 million homes.

The project was granted a feasibility licence for a 586 km² area in May 2024. This means we can take the next steps, like seeking government approvals, to bring Gippsland's offshore wind industry with local jobs and investment one step closer to reality.

Star of the South is well progressed. We've been studying this area since 2019 and know it's an ideal location with strong winds, suitable sea depths and good seabed conditions.

If we receive all necessary approvals and licences, we're aiming to start construction later this decade to support Victoria's 2 GW by 2032 offshore wind energy target.

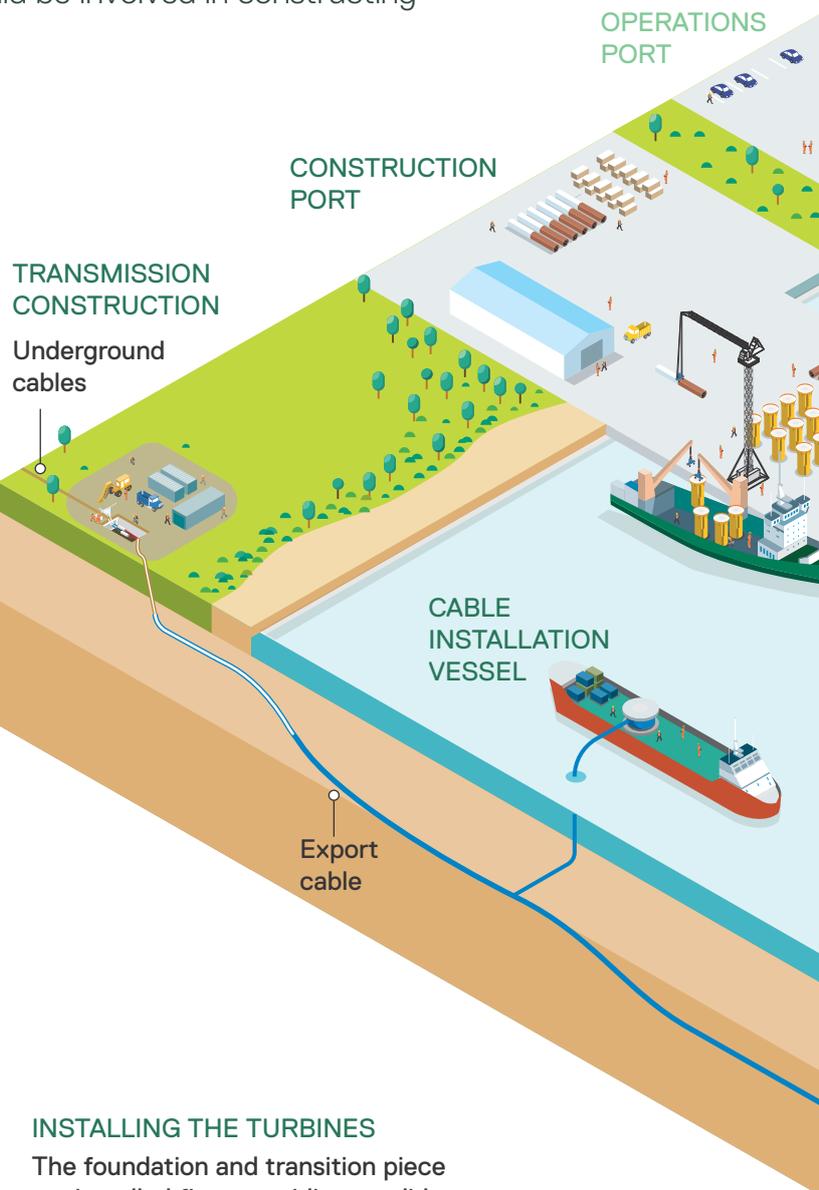
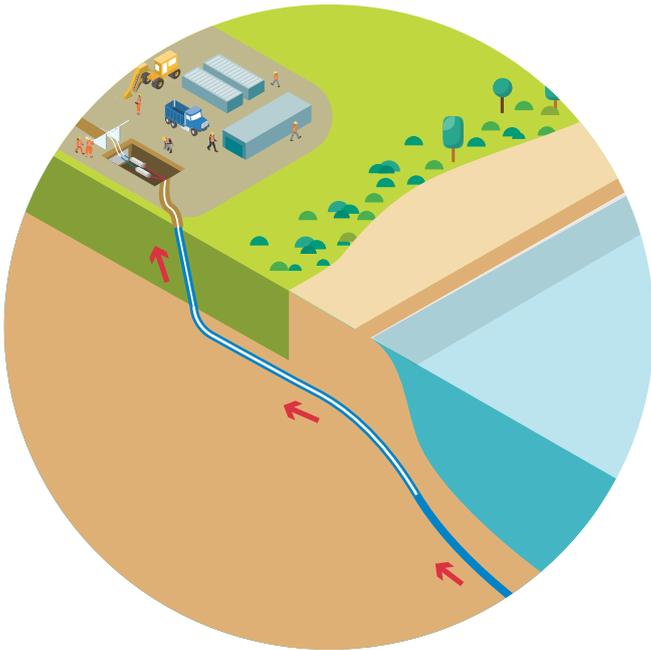


WHAT'S INVOLVED?

Star of the South will need a range of approvals before it can proceed to construction. Here's a snapshot of what would be involved in constructing and operating the project.

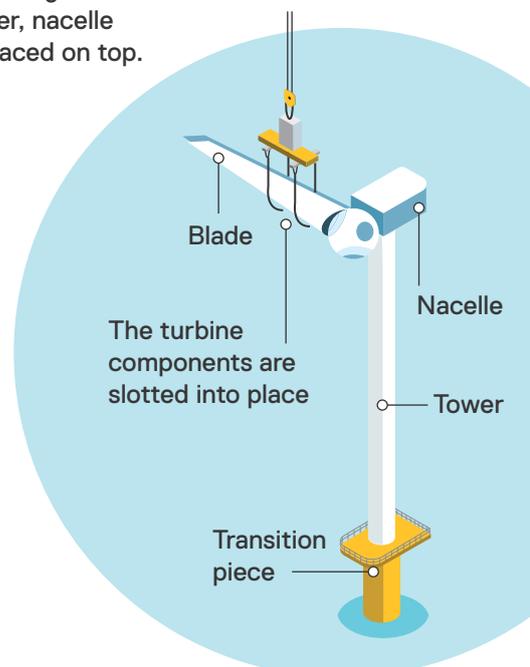
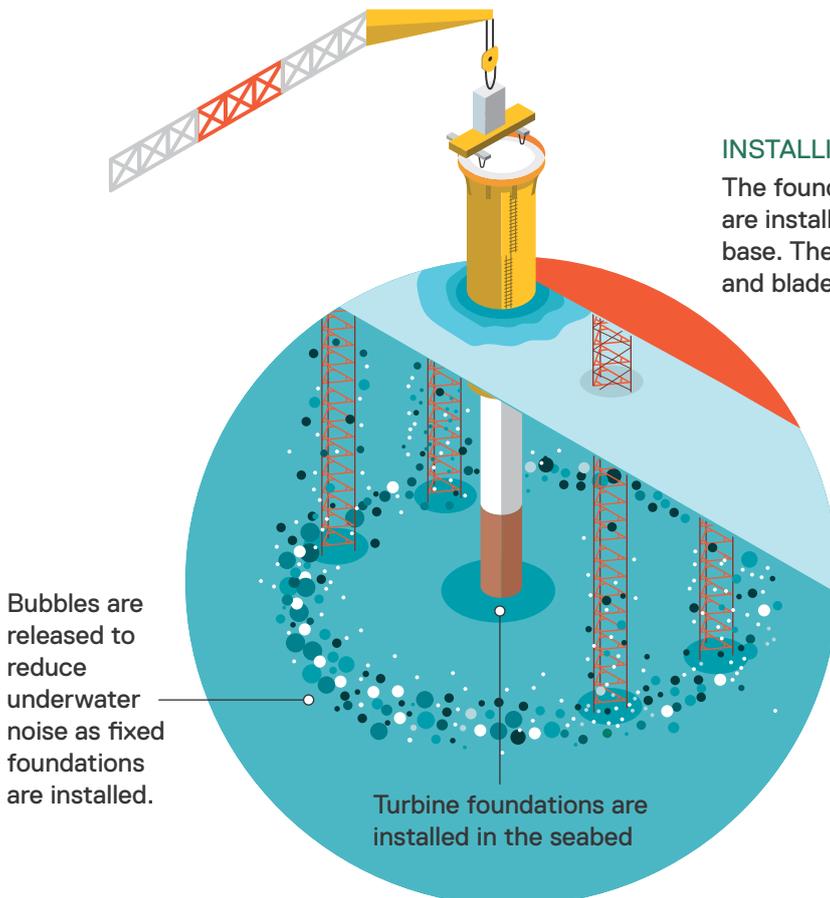
BRINGING CABLES TO SHORE

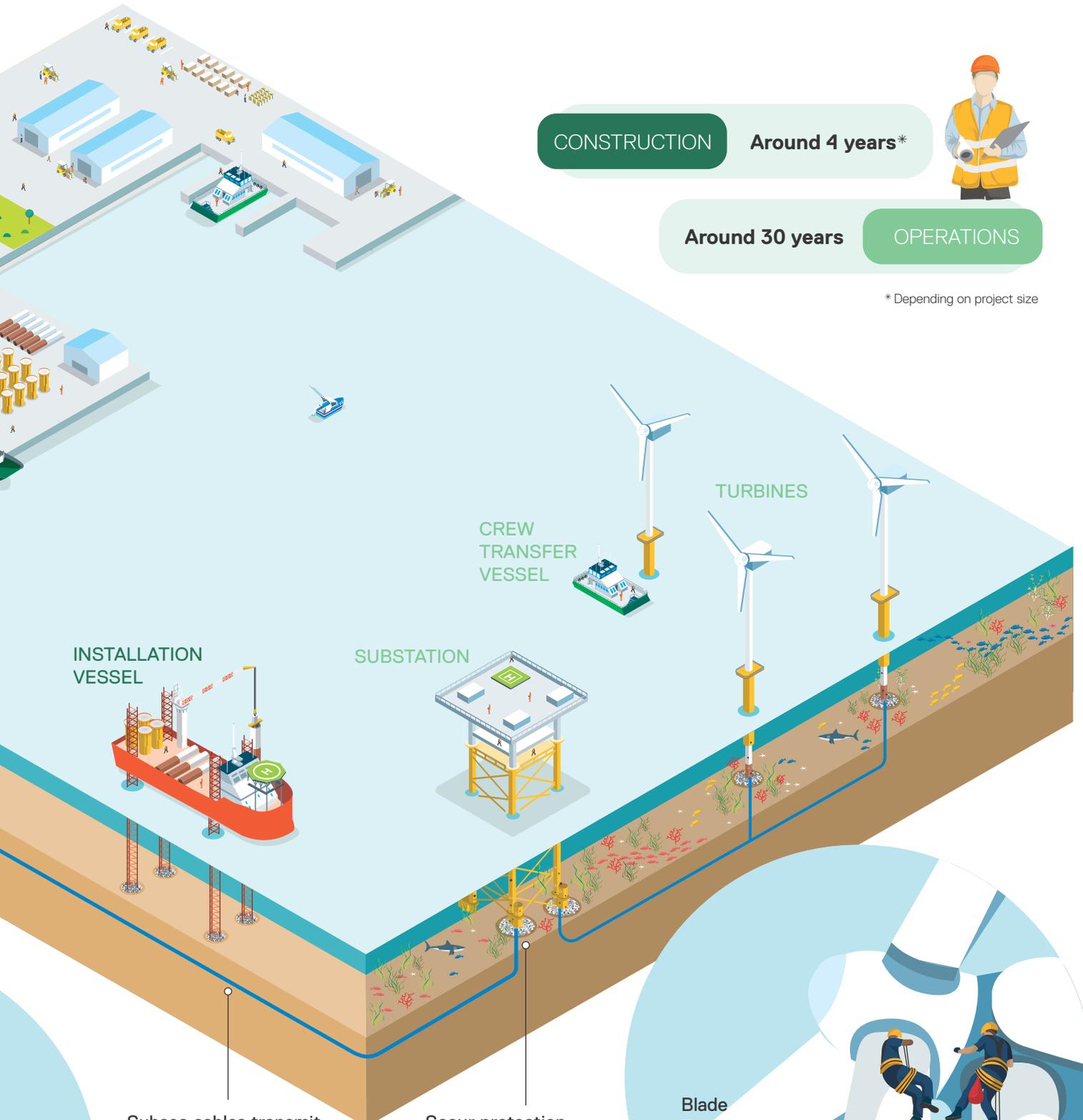
Cables are connected to land by pulling them underground through a duct, protecting the beach and dunes.



INSTALLING THE TURBINES

The foundation and transition piece are installed first, providing a solid base. The turbine tower, nacelle and blades are then placed on top.





CONSTRUCTION **Around 4 years***

Around 30 years **OPERATIONS**

* Depending on project size

INSTALLATION VESSEL

SUBSTATION

CREW TRANSFER VESSEL

TURBINES

Blade Technician

Subsea cables transmit electricity from the turbines to the substation, and from the substation to shore.

Scour protection around foundation bases protects them from erosion from waves and currents.

OPERATIONS AND MAINTENANCE

Workers travel from an operations port to undertake maintenance and keep the wind farm running.

BENEFITS



BOOSTING ENERGY SUPPLY BY UP TO 2.2 GW



ADDING \$8 BILLION TO THE ECONOMY



POWERING UP TO 1.2 MILLION HOMES



SAVING 7 MILLION TONNES OF CO₂ EMISSIONS PER YEAR



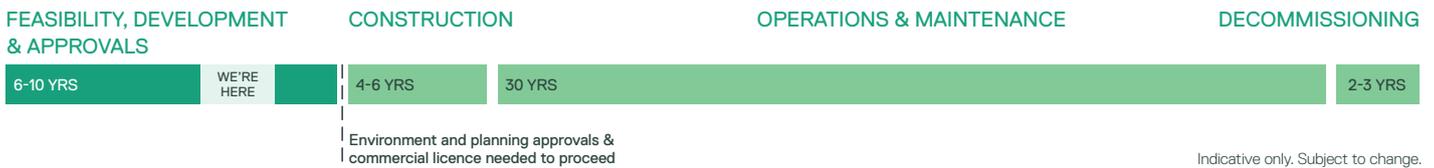
INVESTING IN LOCAL COMMUNITIES AND CREATING LONG-TERM LOCAL JOBS



UP TO 800 GIPPSLAND JOBS, INCLUDING 200 LONG-TERM JOBS ACROSS 30-YEARS OF OPERATIONS

TIMELINE

We're currently in the feasibility, development and approvals phase. Once all the required approvals are in place, construction can begin, delivering offshore wind energy to the grid around the end of the decade.



NEXT STEPS

Approvals

Environment, planning, cultural and other approvals are needed for Star of the South to proceed.

We've completed years of detailed surveys to build a comprehensive understanding of the local environment.

A coordinated Commonwealth and State Environmental Impact Assessment is underway. Assessments will be published and open for public review and submissions once complete.

Supporting infrastructure

The project includes an underground transmission connection and would use existing ports to support construction and operations activities.

VicGrid is developing shared transmission for offshore wind in Gippsland.

Multiple ports are expected to be needed during construction, with day-to-day operations managed from a Gippsland port.

Consultation

We believe that involving local people from the very beginning is the best way to make projects better.

At each stage of Star of the South's development, we seek out local knowledge and expertise to shape the project and a new local industry that delivers for Gippsland, Victoria and Australia. Our local team is always available to hear ideas and feedback.



Traditional Custodians

We're committed to working in partnership with the Gunaikurnai Land and Waters Aboriginal Corporation to build a responsible project that creates opportunities and benefits Gippsland's Traditional Custodians.

A PROJECT BY



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We acknowledge the people of the Gunaikurnai nation as the original custodians of Country and pay respect to Elders past and present.

