



# Spinifex Offshore Wind Farm

## Community update – October 2023



**The Spinifex team is looking forward to attending and celebrating the Upwelling Festival in Portland on 4 November. We'll have a stall set-up at the market again this year and our project team will be around to chat and answer any questions you might have.**

We'll have one of our marine experts on hand to help with any questions you have about how offshore wind might affect the marine environment. They'll be able to answer questions about the type of studies we do, how we assess possible impacts and some of the measures we can put in place to help protect the unique coastal environment and marine life around Portland.

If you're at the market, stop by and have a chat





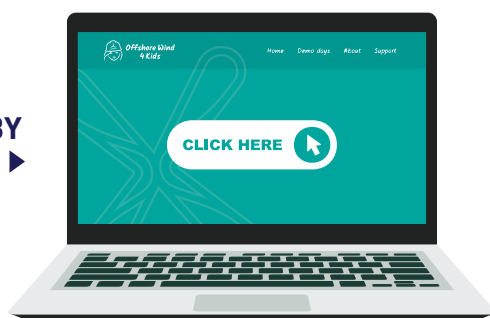


# Offshore Wind 4 Kids



On Sunday 5 November we'll be collaborating with the University of Melbourne and Offshore Wind 4 Kids to run a demo day where kids can come along and build their very first offshore wind turbine! This is a great day for families and children over the age of 3 to spend on the beach learning how to build an offshore wind turbine.

**YOU CAN VISIT  
THE WEBSITE BY  
CLICKING HERE ►**



## What we've been up to

It's been a busy time for the team since the Australian Government proposed the Southern Ocean Region as a Suitable Area for offshore wind back in June 2023.

We've been busy assessing alternative locations in the region for a new project investigation area. Our assessment for alternative locations is considering factors like water depths, wind conditions, and the marine environment.



**Water depth**



**Wind condition**



**Marine  
environment**

# About the project



**1GW**  
renewable energy

Spinifex is a proposed offshore wind farm on the coast of south west Victoria. It could provide 1 gigawatt (GW) of green energy, which is enough to power approximately 650,000 Victorian homes each year.

Construction and the ongoing maintenance of the offshore wind farm has the potential to create significant regional economic opportunities, including thousands of jobs and training prospects for the lifespan of the project.



**650K+**  
Victorian homes

Spinifex is currently in the pre-planning phase, which involves investigations into wind and ocean conditions and the local marine environment. During this phase, engaging with the local community is a priority for the project so we can understand how we can best work together to deliver local benefits for people living and working in the area.

Spinifex will soon begin to undertake its extensive marine environmental survey program and other studies required to receive government approvals to develop the project. We hope to receive approvals by 2028, after this construction can begin which would take around 4 years.

The project's offshore turbines could potentially supply up to 10 per cent of Victoria's current electricity needs.



**10%**  
Victoria's current electricity needs

## What benefits are there for the local community?



**1,756**  
jobs could be generated during construction

Spinifex could bring substantial medium and long-term economic benefits to the local region. Our Local Supply Chain and Industry Development Study found that the project could generate 1,756 jobs during construction and an additional 352 ongoing jobs during operation in the Portland region.

The local economy could also be boosted by increased demand for local goods and services like accommodation, hospitality, labour and education. The study found the project could contribute up to \$1.6 billion during construction and \$40 million each year in operations to the Portland region's economy.



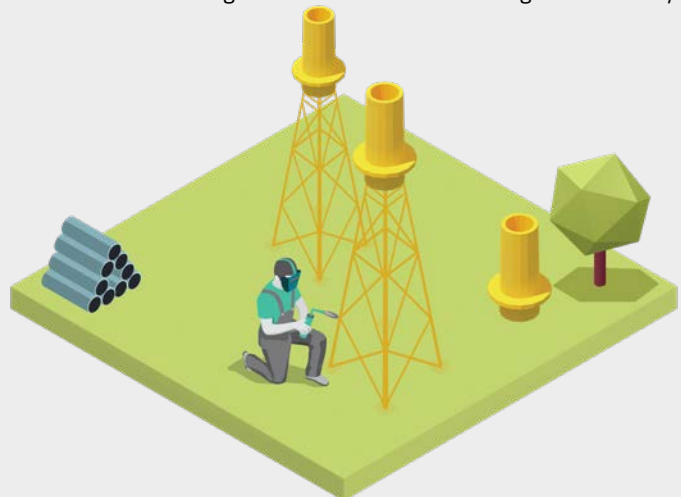
**352**  
ongoing jobs generated during operation



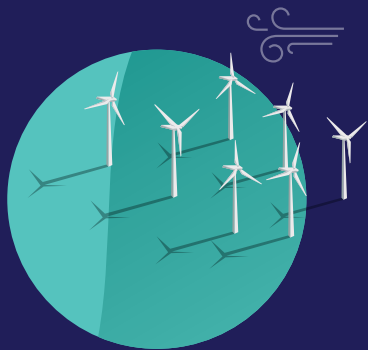
**\$1.6b**  
injected into the local economy during construction



**\$40m**  
injected into the local economy each year in operations



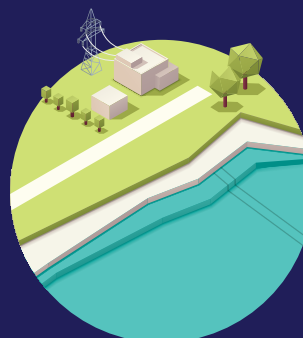
# How offshore wind works



Turbines in the ocean can use the strong and consistent offshore wind conditions to provide a reliable and alternative energy source to onshore renewables.



Offshore wind turbines are installed off the coastline and harness wind energy. The energy is converted to electricity and transmitted through a series of underwater cables to an offshore substation.



Electricity is then sent to the mainland to an onshore substation where it's transferred into the grid and distributed to power homes and businesses across the state.

## LiDAR

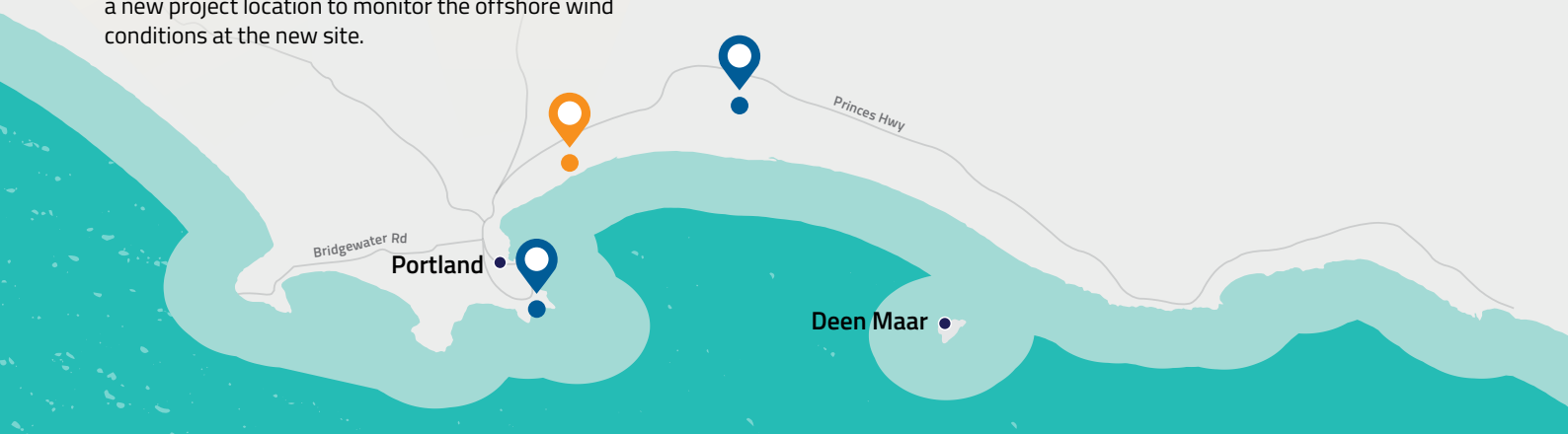
We've recently installed another LiDAR (wind monitor) near Dutton Way. LiDARs are silent and don't pose any disruptions to the community.

This new LiDAR is much smaller than our others and will help with calibrating and validating the wind monitoring data we've collected so far. We expect the new LiDAR will be removed by December 2023. We'll relocate the two remaining LiDARs once we've selected a new project location to monitor the offshore wind conditions at the new site.



### Legend

- Victorian waters
- Commonwealth waters
- LiDAR location
- New LiDAR location



## FIND OUT MORE

If you'd like to find out more about the project, provide feedback or get involved in upcoming consultation activities, please visit our website or get in touch via:

- [spinifexoffshore.com.au](https://spinifexoffshore.com.au)
- [info@spinifexoffshore.com.au](mailto:info@spinifexoffshore.com.au)
- 1800 008 335 (Mon-Fri 9am-5pm AEST)

