# Spinifex Offshore Wind Farm

Fact sheet

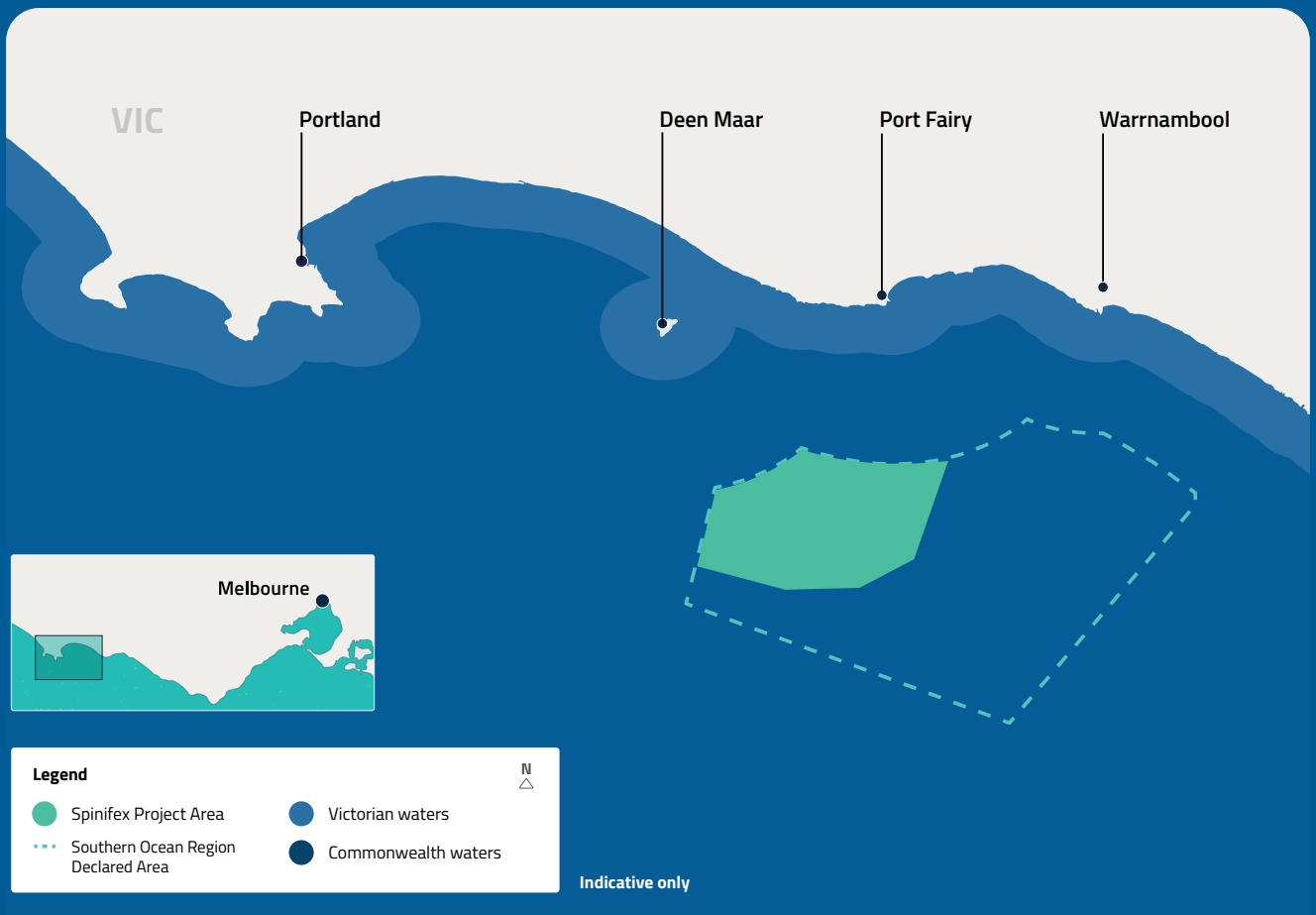
Alinta Energy and JERA Nex - Parkwind are developing the Spinifex Offshore Wind Project, a proposed 1.2GW offshore wind farm off the coast of Southwest Victoria.

It could provide 1.2GW of renewable energy, which is enough to power approximately 750,000 Victorian homes and could potentially supply up to 10 per cent of Victoria's current electricity needs.

## Spinifex proposed licence area

This area within the Southern Ocean Region Declared Area was selected after careful consideration of potential social and environmental impacts, technical and commercial viability, and opportunities to use existing infrastructure like onshore transmission at Portland.

Our early work has included a number of initial environmental and technical studies as well as early engagement with key stakeholders and the community.



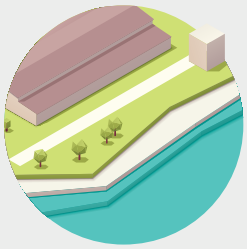

*Spinifex acknowledges the Gunditjmara and Eastern Maar as the original Custodians of the Country where the project is proposed and pay respect to Elders past and present.*

# Why the Southern Ocean?

We looked at different sites across Australia and chose the Southern Ocean because of these 5 attributes

### It is very windy

which means we can harness more wind energy and convert it to electricity compared to other places onshore

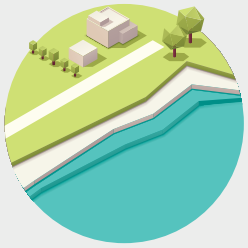


### Portland Aluminium Smelter

is a potential customer for the electricity produced by the project

### There is an existing high voltage substation

at the smelter which we are proposing to connect to, avoiding the need to build long transmission lines



### There are suitable ocean depths

for a fixed bottom offshore wind farm

### There is an existing deepwater port

that could support development, construction and operational activities

## Powering the community

The Spinifex Offshore Wind Farm would bring long term economic benefits to the region. The project would create more than 1700 local jobs during construction and over 300 more during operation, with significant flow on effects to the local regional economy.

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

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

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

We're also working with training providers in Southwest Victoria to establish learning and upskilling opportunities for workers and students.

## Putting local communities at the heart of development

The Spinifex Project is committed to operating transparently and respectfully. We respect the rights, interests, aspirations, and knowledge of the Traditional Owners and the local community in and around the Southwest Victorian region.

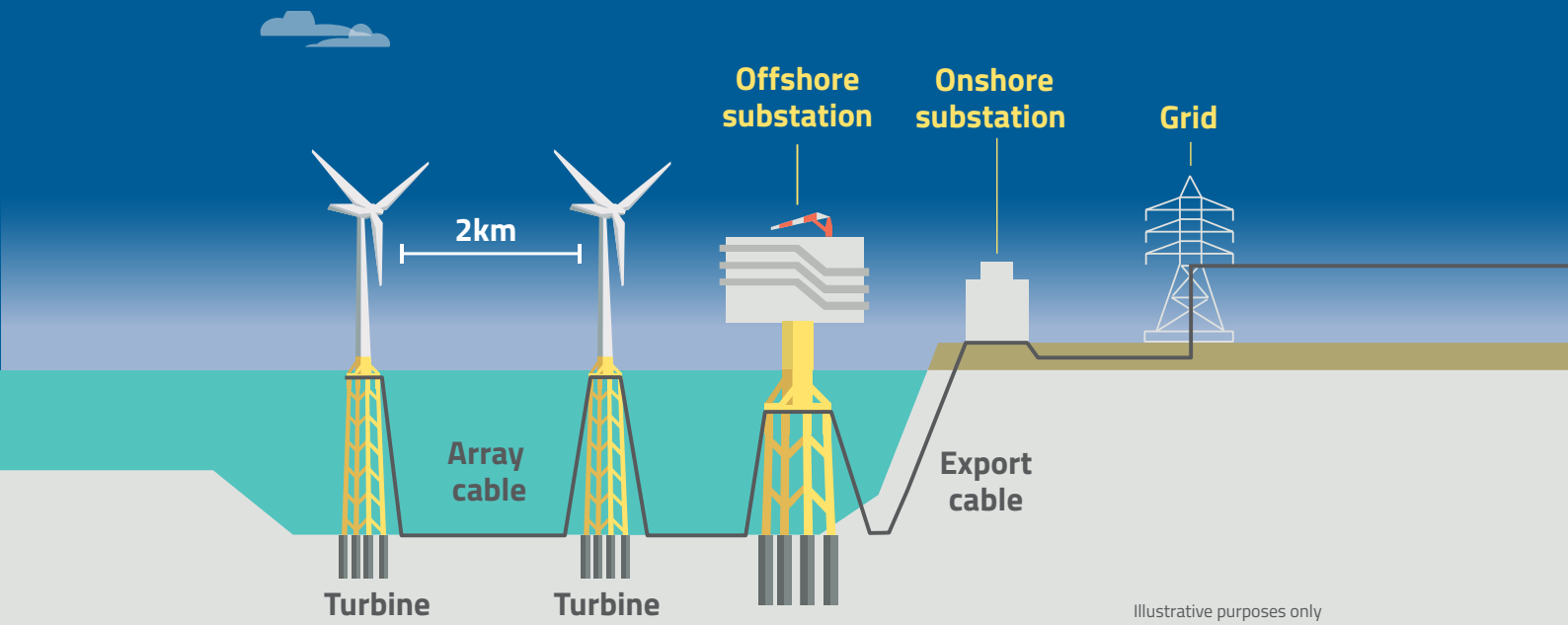
We're engaging openly, inclusively, and meaningfully with the local community and stakeholders including Traditional Owners, fishing, tourism and industry groups. We'll continue to thoroughly investigate cultural, social, environmental, and economic uses and values within the areas potentially impacted by the project.

This drives well informed, collaborative decision making from the beginning and throughout the development and operation of the project.

# 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 traditional onshore energy producers, including onshore renewables.

The project involves the installation of offshore wind turbines approximately 20km from the coastline, which will transmit electricity through a series of underwater cables to an offshore substation. From there the connection will extend to the mainland via the Alcoa substation.




Illustrative purposes only

# Environmental baseline survey program

We're developing an environmental baseline survey program to help us understand and mitigate any impacts the Spinifex Project may have on the Southwest region's diverse environment.

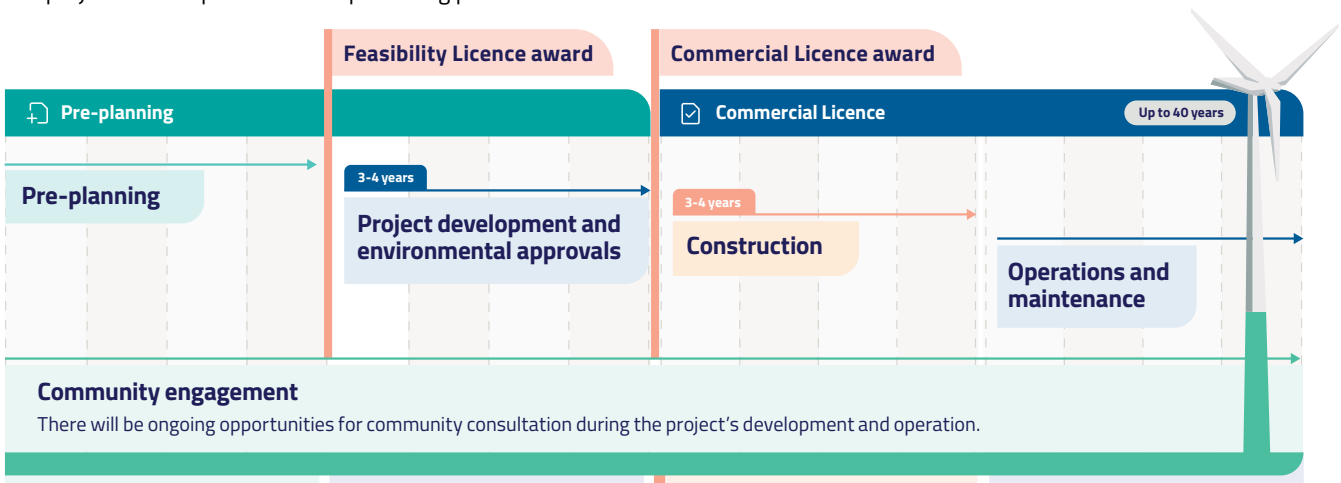
Baseline surveys, like visual aerial surveys, allow us to understand the environmental characteristics of an area and can cover a wide range of marine plants and animals, from plankton to whales, as well as bird life. We've been monitoring marine mammal activity in the region since late 2023. These surveys will take around two to three years to complete, allowing time to understand seasonal changes and the migration patterns of marine life, which may change from year to year.

## How will studies be used?

This information will allow us to understand and manage potential impacts on the existing environment and help inform any mitigation measures we might need to put in place. The findings will inform part of our environmental assessments and be used by regulators to assess any potential impact of our offshore wind farm on species in the project area.

# Timeline

Spinifex is in the pre-planning and development phase. This involves investigating wind and ocean conditions and environmental impact assessment. It also includes early engagement with stakeholders and the local community. The project is anticipated to start producing power in 2032.




**1 Application**
Application for a feasibility licence submitted in July 2024.

**2 Assessment**
The Offshore Infrastructure Registrar assessed feasibility licence applications applications and makes recommendations to the Minister.

**3 Awarding**
Licences awarded by the Minister to the most meritorious developers. You can read more about the application process on the Offshore Infrastructure Registrar website. *www.nopta.gov.au/offshoreregistrar.html*

**4 Environmental and technical studies**
Undertake consultation, environment and technical studies to understand possible project impacts, mitigations and design requirements.

**5 Environmental approvals**
Apply for environmental and other approvals. Community consultation undertaken before approvals are received.

**6 Management Plan development**
Management plan development and opportunities for consultation to manage co-existence.

**7 Commercial Licence application and award**
Once feasibility studies are completed and approvals received, developers can apply for a commercial licence.

**8 Construction**
Once a commercial licence is awarded developers can start the construction process. The Spinifex Project may take 3-4 years to construct and could create up to 1,750 direct and indirect jobs in the South West during this period.

**9 Operations and maintenance**
Once operational the wind farm can begin producing power. The Spinifex project will require up to 360 direct and indirect ongoing jobs during operation.

**10 Decomissioning**
Developers are responsible for decommissioning their project at the end of their lifespan.

Scan to read more about us on the Spinifex website

# Well known and trusted developers

Alinta Energy and JERA Nex, through Parkwind, have partnered to develop the Spinifex Project. JERA Nex and Parkwind's extensive global experience delivering offshore wind farms is complemented by Alinta Energy's track record of bringing large renewable projects to market across Australia.

## 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: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