



Spinifex Offshore Wind Farm

Project update – May 2023

Supply chain and industry development study and Port of Portland – Offshore wind capability analysis

We recently completed two studies to investigate Portland's potential to support the offshore wind industry. The studies confirmed that Portland's economy is well placed to benefit from offshore wind due to its port infrastructure and skilled workforce with existing capabilities in heavy fabrication, marine services, and onshore renewables.

The studies also found that the Spinifex project can:

- generate over 1700 jobs during construction and over 350 ongoing jobs during operation in the Portland region under a medium local content scenario, and
- contribute up to \$402m during construction and \$40m each year in operations to the Portland regional economy.

To ensure the full extent of benefits and harness the Portland region's existing capabilities, Portland will need investment in key infrastructure like the Port.

We developed these studies with the support of over 20 local industry and business leaders who provided insights on the existing capability in Portland and what facilities, skills and training will be required to support an offshore wind industry in the Portland region. We are grateful for the assistance of all those who took the time to get involved and recently had the pleasure of presenting on the outcomes of the studies to those who helped.



Presenting to the Portland business community

Why Portland?

Why is Portland suitable for an offshore wind sector?

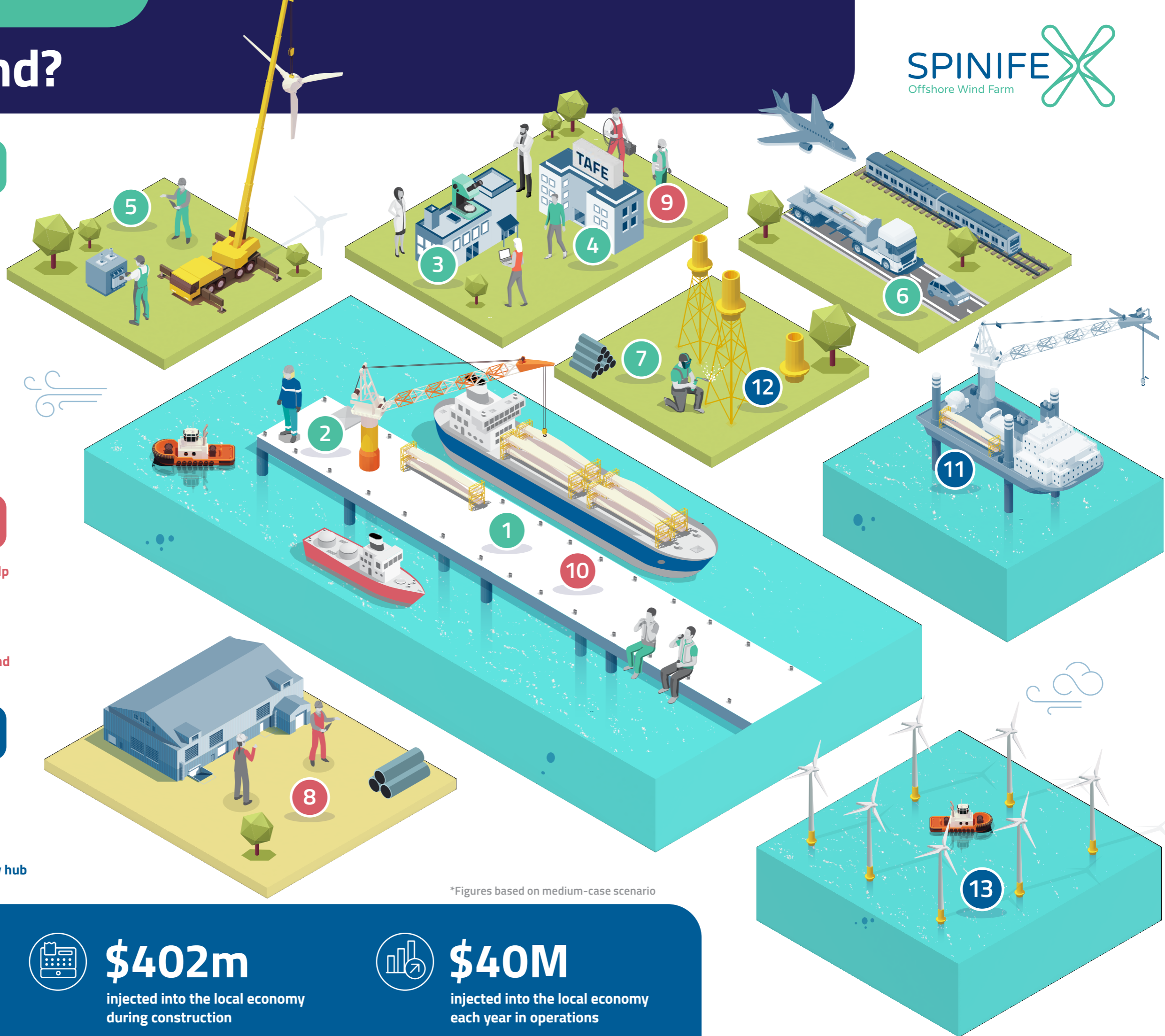
- 1 Deep water port
- 2 Workforce with maritime experience (because of existing port facilities)
- 3 Deakin (Warrnambool and Geelong) have marine science courses
- 4 Local TAFE can provide training
- 5 Workforce skilled in onshore wind requirements
- 6 Road, rail and air links
- 7 Workforce skilled in fabrication and assembly

What is needed to deliver this opportunity for Portland?

- 8 Investment in the local industry to help them expand their capability
- 9 Skills and training to upskill workers (provided by Deakin and TAFE)
- 10 Investment to upgrade Port of Portland

What is the opportunity if we deliver this?

- 11 Become a supplier to projects across Australia and globally
- 12 Specialise in manufacturing and assembly of turbine foundations
- 13 Portland as an offshore wind industry hub



*Figures based on medium-case scenario



1,756

local jobs could be created during construction



\$402m

injected into the local economy during construction



\$40M

injected into the local economy each year in operations

Our Project Development Manager, Linden Blair, had this to say about the recent visit:

“We have studied the marine environment and the local geology extensively at a desktop level, but nothing beats seeing these areas from on the water. It’s also just a beautiful part of the world and we always enjoy our time in Portland.”



The Spinifex team on their boat tour of Portland Bay

Portland site visit

In early March, the team visited Portland to catch up with some key stakeholders.

We also took the opportunity to get out on the water and view some key features of the Portland coastline. Local skipper Rob Davis of [Shoreline Charters](#) expertly navigated our team across the choppy waters around Cape Nelson. You can find Rob’s business, Shoreline Charters, on Facebook if you’re thinking about doing a marine wildlife tour or fishing charter.

During the tour we spotted local seal and gannet colonies and were lucky enough to catch glimpses of a few dolphins too.

Marine surveys

As we enter the winter season, the project will look to start aerial marine studies. Aerial marine surveys are a type of wildlife survey that involves using aircraft to observe and count marine mammals in their natural habitat.

The surveys will be conducted for at least two years and provide us with an understanding of whale activity that occurs through the area. This information can then be used to inform the placement and design of turbines to minimise impacts on whale populations.

Geophysical and geotechnical investigations

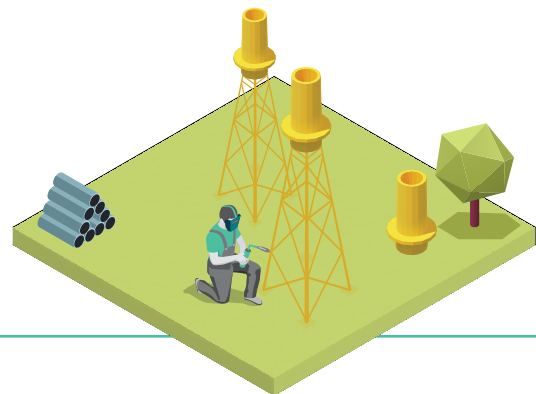
We are planning on undertaking geophysical and geotechnical investigations to analyse seabed ground conditions. These investigations were originally planned for earlier this year, however we have delayed them until further progress is made on the Portland declared offshore wind area.

By conducting the investigations at the right time, we will:

- ensure we gather the best quality ocean floor data, and
- conduct the surveys in the safest weather conditions.

The equipment we will use for the surveys is many times smaller and less powerful than the air gun arrays commonly used in seismic exploration for oil and gas, making it a much less intrusive activity.

We’ll provide notice before commencing the investigations.



CONTACT

If you want to find out more about the project, provide feedback or get involved in upcoming consultation opportunities:

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