

Kent Offshore Wind Farm



RWE is seeking to develop its first Australian offshore wind farm, 67 kilometres off the coast of Gippsland, close to the Kent Group islands in Bass Strait.

Known as the **Kent Offshore Wind Farm**, the project has the capacity to deliver up to 2 GWs (gigawatts) of renewable energy – enough to power up to 1.6 million homes.

RWE, a key global player in renewable energy, has been granted a feasibility licence from the Australian Government to undertake detailed environmental assessments and marine surveys, and prepare a management plan for the project.

This licence grants RWE an exclusive seven-year seabed right to develop the project and, subject to the necessary approvals, apply for a commercial licence to build and operate the wind farm for up to 40 years.

The Kent Offshore Wind Farm is expected to become operational in the mid-2030s, subject to the timing of the planning and approvals process, secured offtake and grid connection.

WOULD YOU LIKE TO FIND OUT MORE?

If you would like to find out more about the proposed project, please contact the team on:
phone: **1800 417 792**
email **kentoffshore@rwe.com**

kentoffshore.com.au



Location:
67 km off the coast of Gippsland



Turbines:
Up to 133 turbines



Total installed capacity:
2000 MW



Supplied households:
Up to 1,600,000



Licensed project area:
Approximately 413km²



CO₂ savings (per year):
5.8 million tons



Operations:
Targeting mid-2030s



Project status:
Building collaborative relationships with Traditional Owners, local communities and other key stakeholders.
Undertake project feasibility studies, including wind, wave and marine environment studies.

RWE

RWE has been delivering green energy projects in Australia since 2013



Working with the local communities and Traditional Owners is key to our approach.

RWE is one of the world's leading producers of renewable energy and operates a global portfolio of around 17 gigawatts (GW) of renewable offshore wind, onshore wind, solar and battery storage projects.

In addition, there are more than 100 renewable energy projects under construction in multiple countries, totalling around 8GW.

The RWE Group has been present in Australia since 2013. In 2018, it began construction of one of Australia's largest solar farms – the 249 megawatt (MW) Limondale Solar Farm in New South Wales.

RWE is now developing an exciting portfolio of wind, solar and battery storage projects across Australia. Our growing team of around 70 people – located mainly in Victoria and Queensland – is backed by the experience of RWE Renewable's 5300-strong team across Europe, North America and Asia Pacific regions.

We have a planned gross investment in Australia of \$6 billion by 2030, delivering up to 3 GW of onshore wind, solar and battery storage projects across multiple states.

We are excited to be developing our first offshore wind project in the country and are committed to supporting the further development of offshore wind in Australia.

We are here

Anticipated project timeline:

December 2022	July 2024	Now until late 2020s	Late 2020s until early 2030s (2-3 years)
<p>Gippsland Offshore Wind Zone Declared</p> <p>The Commonwealth government declares a 1500 sq kilometre area in Bass Strait off the coast of Gippsland as Australia's first offshore wind zone.</p>	<p>Feasibility Licence Awarded</p> <p>RWE is awarded a seven year exclusive feasibility licence for a section of the declared zone, located approximately 67 kilometres off the coast of Gippsland, near the Kent Group islands in Bass Strait.</p>	<p>Site assessments, design, approvals and procurement</p> <p>RWE will undertake a range of detailed environmental studies and assessments, together with geological and metocean surveys to better understand the wind, ocean and seabed conditions of the project site. Design, approvals and further more detailed development will follow the result of the surveys.</p>	<p>Construction</p> <p>Up to 133 fixed foundation turbines, offshore substations, undersea cables and associated onshore infrastructure will be installed, together with the establishment of a nearby local operations and maintenance base.</p>



We are a leading Offshore player globally with vast experience in the business



20+ years in the Offshore business



3.3 GW net Offshore wind portfolio in operation



>1,000 turbines operated and maintained at sea



Unique commercialisation capabilities



High-class partnerships



Excellent track record of delivering complex projects



Expertise along the entire value chain



>10,000 worker-years of experience



Cutting edge technical capabilities



Pioneer in deploying sustainable solutions

Site surveys and assessments

One of the first steps for the project is to complete marine surveys, which will help us better understand the ocean conditions and seabed.

Subject to approvals, the planned surveys will include:

- geophysical surveys to map the seabed characteristics
- environmental surveys to identify and understand the existing marine, coastal and social environments in our study area
- geotechnical surveys to understand the seabed geology and material under the ocean floor
- wind and wave measure surveys, also known as Floating LiDAR (Light Detection and Ranging) to measure wind speeds and direction, waves and tides.

Early-mid 2030s
(25-30 years)

Operation and ongoing maintenance

Once operational, the Kent Offshore Wind Farm will potentially host up to 2 GW of clean, renewable energy capacity, enough to power up to 1.6 million homes each year.

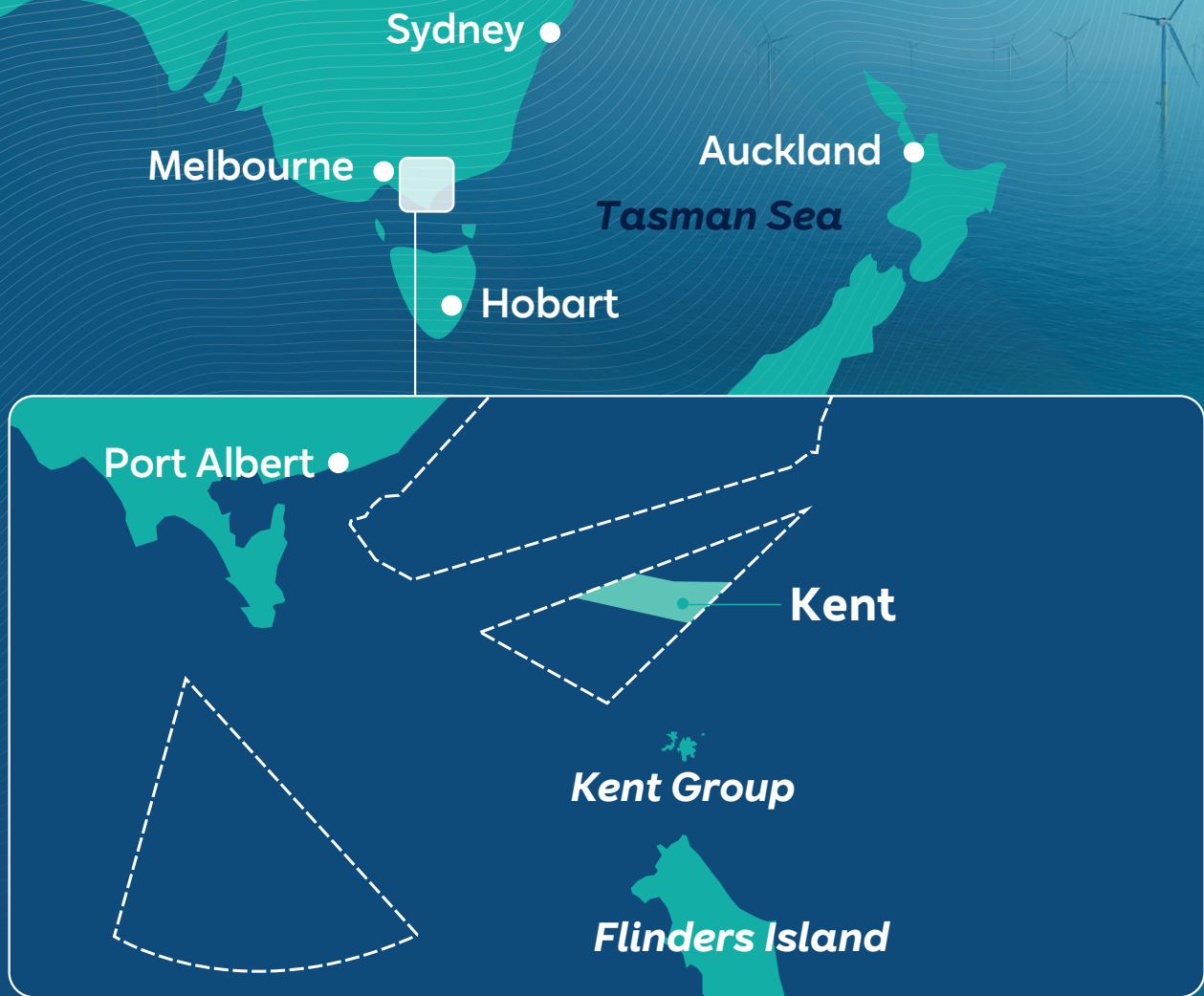
End of operational life
(1-2 years)

Decommissioning or re-powering

As part of the project's approvals, RWE will develop a comprehensive plan to decommission the Kent Offshore Wind Farm in a safe, sustainable and responsible manner, with a focus on minimising any potential impacts to the environment.

* Subject to the timing of the planning and approvals process, secured offtake and grid connection.

Kent Offshore Wind Farm location



Making a positive contribution

RWE is focused on working with and making positive contributions to the communities where our projects are based, as well as being a key driver of Australia's renewable energy transition.

We are committed to fostering long-lasting relationships with Traditional Owners, local communities, landowners and other key stakeholders.

Regular engagement will be an ongoing focus to shape the Kent Offshore Wind Farm project and create mutual benefits, with feedback playing a crucial role in the project's development.

Stay informed



Scan the QR code to visit the website and join our mailing list to keep informed as the project develops, or contact the project team on:

T: 1800 417 792 E: kentoffshore@rwe.com
kentoffshore.com.au

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RWE