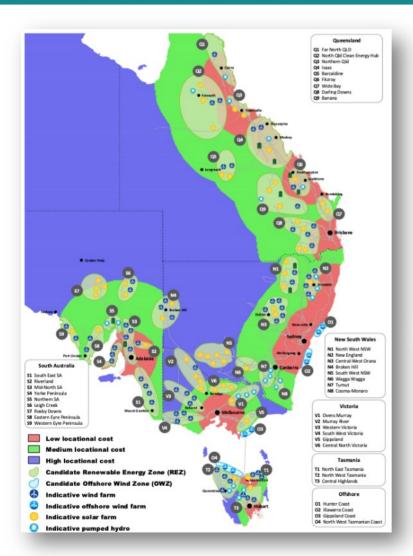




We acknowledge the Traditional Owners of the lands on which we all meet today and pay our respect to their elders past, present and future. In particular, we recognise the Gunaikunai people as the Traditional Owners of the area where Star of the South would be located.



Offshore wind – a new opportunity for Australia







Wind farm blows hot

TOM MINEAR

NATIONAL POLITICAL EDITOR

EVERY heatwave in Melbourne over the past three winds in the evening at the proposed site of Australia's

the South project say this means the wind farm would be perfectly positioned to pump power into Victoria's energy grid when it is stretched to the sweltering days.

Heatwaves generate high hopes

Gippsland, could generate a nearly 70 per cent fifth of the state's electricity needs, powering about 1.2 mil-

A detailed analysis of The team behind the Star of weather bureau records found he South project say this weather patterns which caused heatwayes in Melbourne were pressure system that brought strong winds in Bass Strait.

monitors in place to assess the

The \$8bn-10bn project, pro-posed off the south coast of the site's capacity factor was have slowed down during peak above the 20-40 per cent

capacity of a typical wind farm. chief Casper Frost Thorhauge, who has developed offshore Wind speeds at those times a summer average of 13km/h. rope, said the project would Victorians have had their complement other renewables power switched off in recent "to make a more reliable and

"We analysed data over have battled keep the grid operating during heatwaves. nearly 30 years and found a Ageing coal-fired power days that sees Bass Strait winds project's viability found that on liability issues and onshore build up in the evening, cre-

ating strong offshore winds when demand for power is

The analysis of weather bureau records looked at energy zones in Victoria's west and south west - on days above 35C in Melbourne

There were good wind conditions in at least one of the three sites during 85 per cent of The federal government is

developing a regulatory frame-



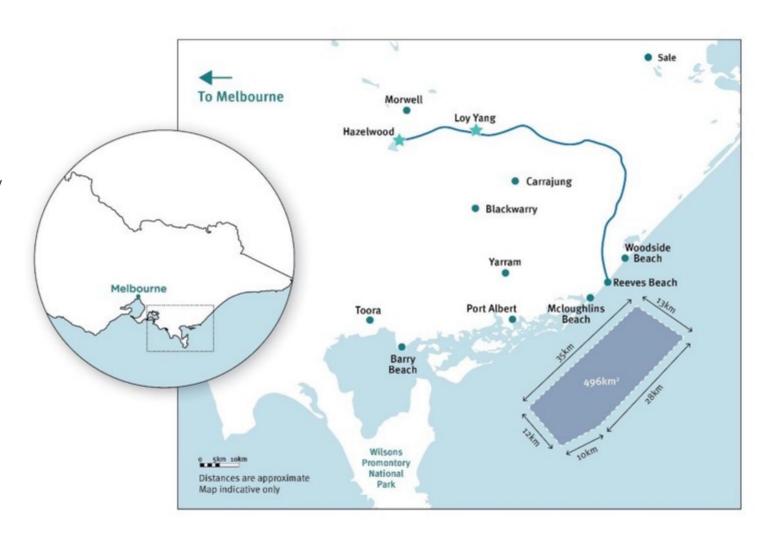
We're excited to work alongside government, Traditional Owners, industry and communities to build this new industry



About Star of the South

Australia's first offshore wind project

- 7-25km off the coast of Gippsland
- Closest towns are Port Albert, Mcloughlins Beach, Woodside Beach
- Exploring up to 2.2GW installed capacity
- Up to 200 turbines
- Transmission cables connecting to the grid in the Latrobe Valley
- Ports to support construction and operations



Our team

Founded by three Australians

Investment and offshore wind 'know how' from Copenhagen Infrastructure Partners (CIP)

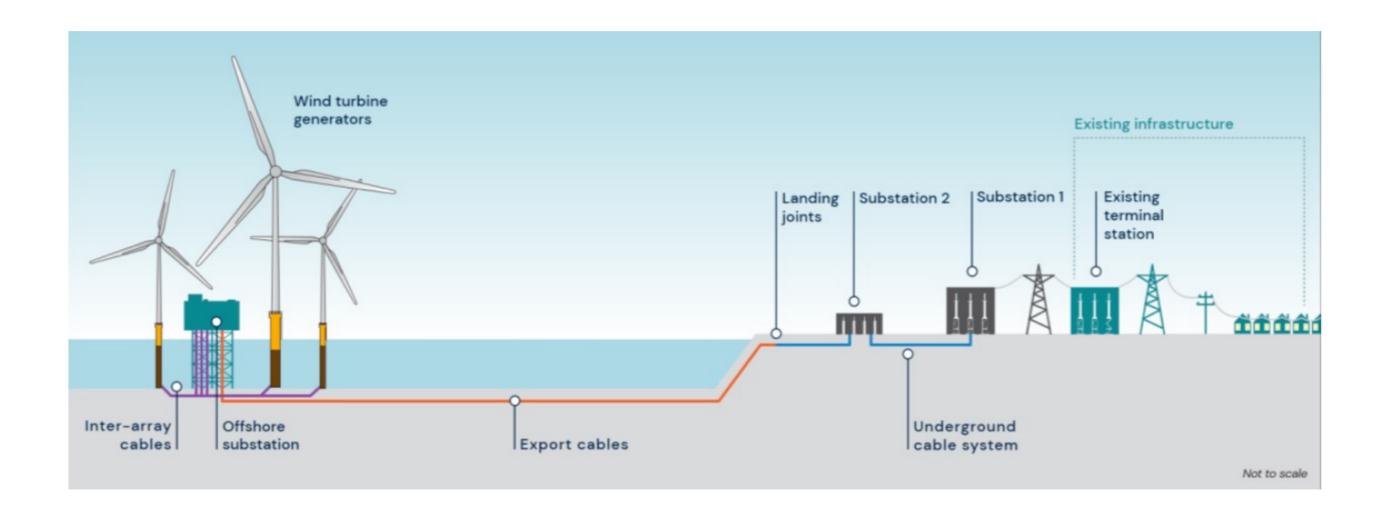
CIP are world leaders in offshore wind – closed the world's largest renewable energy fund – 7 billion Euro

Team of around 40 Australians and Europeans, based in Melbourne and Gippsland to progress the project.





What's involved

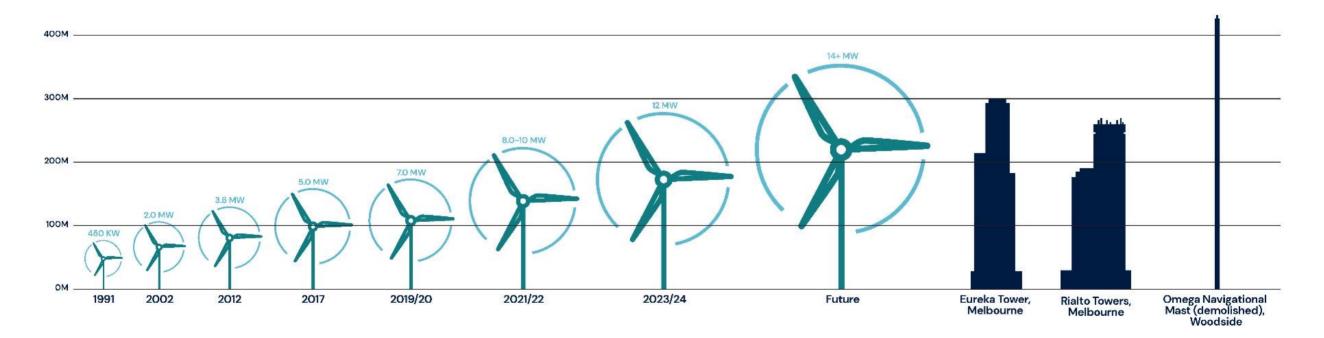




Offshore wind turbines

A final decision on turbine selection will be made after all site investigations and environmental assessments are complete.

- Up to 200 positions
- 12-18 MW turbines
- Monopile foundation





Timing

We're in the feasibility and development phase





What we've been working on

2019

- Exploration licence granted
- Wind and wave monitoring started November 2019
- Consultation to inform site investigations



2020

- Initial seabed investigations
- Project referred to the authorities
- Environmental surveys started
- Transmission route options analysis and consultation



2021

- Transmission route selected
- Environmental surveys continue
- Enabling legislation introduced to Parliament
- 25 technical studies underway





Environmental assessment

Key steps





Marine ecology survey program



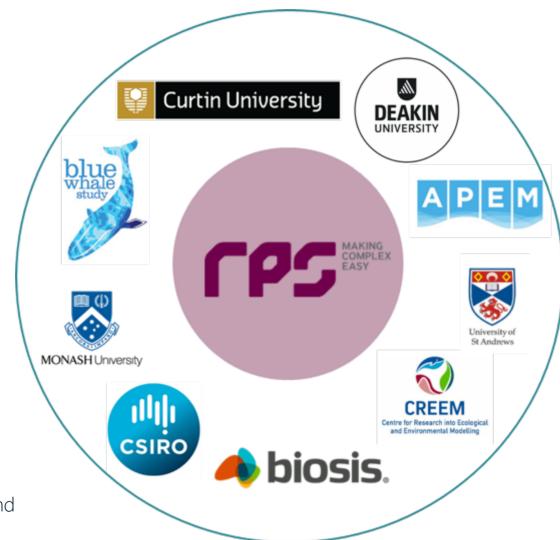
Vessels Seapride Charters Richey Services Deep Blue Shark Fishing

AB Hunter Fishing



Peer reviewers

Fish – Professor Steve Kennelly (ICIC)
Benthic – Dr Jacquomo Monk (UTAS)
Seabirds & seals – Associated Professor
Mary-Anne Lea (UTAS)
Marine mammals – Dr Tina Yack (EcoSound Bioacoustics)









25 technical studies underway



Heritage

- Aboriginal cultural heritage
- Historic heritage
- Maritime heritage





- Electromagnetic interference
- Noise
- Seascape, landscape and visual
- Traffic and transport



Social and economic

- Agriculture
- Business and tourism
- Land use planning
- Social



Onshore environment

- Ecology
- Groundwater
- Soil and waste
- Surface water



Marine environmentBirds

- Coastal processes and sediment transport
- Ecology (benthic)
- Fish and invertebrates
- Fishing
- Infrastructure and co-existence with other users
- Marine mammals and turtles
- Marine protected areas
- Shipping and navigation





Involving communities and stakeholders

We believe that involving people now will result in a better project

- Gippsland hub with local staff
- Community Advisory Group
- Out and about in the community
- Presentations to local and interest groups
- Formal opportunities to have a say directly with us or through government processes
- Online consultation 'Get Involved' website
- Sign up to our e-news or follow us on Facebook











Focus on local opportunities

We're working to understand opportunities, make connections and build Australia's offshore wind capabilities

- 1 Gippsland
- 2 Rest of Victoria
- 3 Rest of Australia and New Zealand
- 4 International

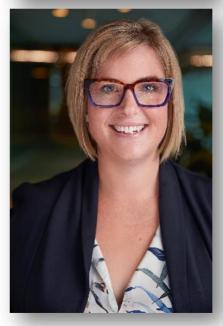


Express interest in the project through our ICN Gateway



We're focused on local opportunities



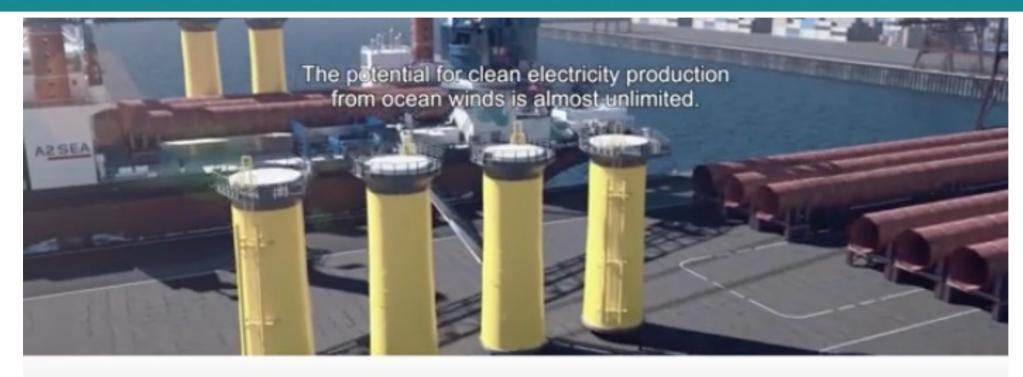








Construction



https://youtu.be/mDvS7tizetg

Offshore wind power -How it all comes together at sea

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