



Offshore wind - powering our communities at every stage

Wind power has undergone rapid growth and advancement in the past decade, and our team have been right there helping to shape the development of offshore wind all around the globe.

We're at the forefront having undertaken environmental feasibility studies, approvals and assessments for almost 40 offshore wind projects in North America, United Kingdom and Australia.

What sets us apart is our ability to manage projects using professionals who understand the local environments, while providing industry leading resources from our global pool of technical experts.

**We have global knowledge,
with professionals who
understand the local
environment.**

In Australia, we've a national team of more than 2,300 people in 28 offices consisting of engineering, environmental and industry experts who can bring sustainable solutions and efficiency to project feasibility, planning and delivery.

We're ready to support your needs, throughout the offshore wind lifecycle, every step of the way.

[Learn More →](#)

**WE'RE A GLOBAL
LEADER IN
OFFSHORE
ENERGY
GENERATION AND
POWER DELIVERY.**

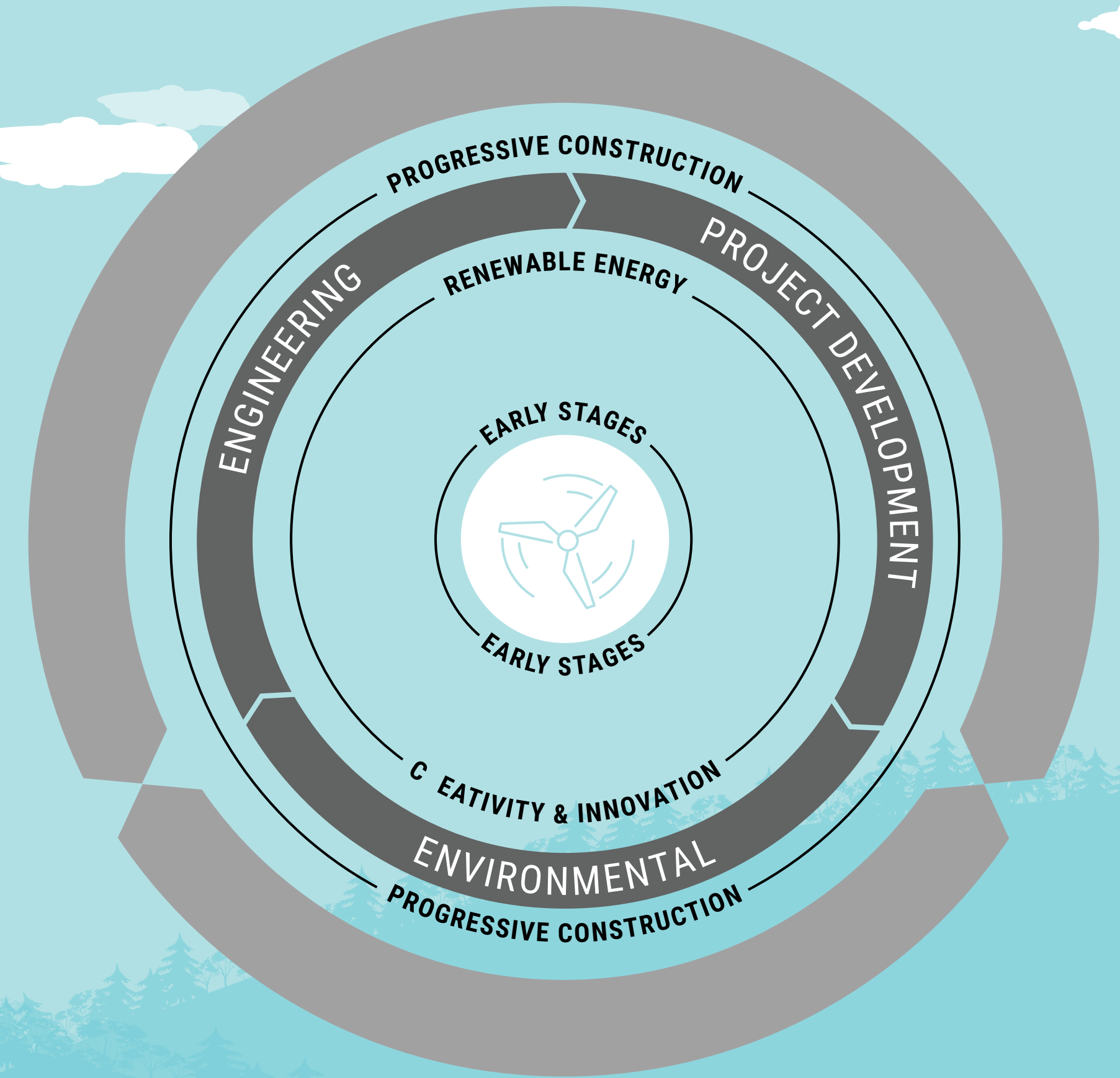
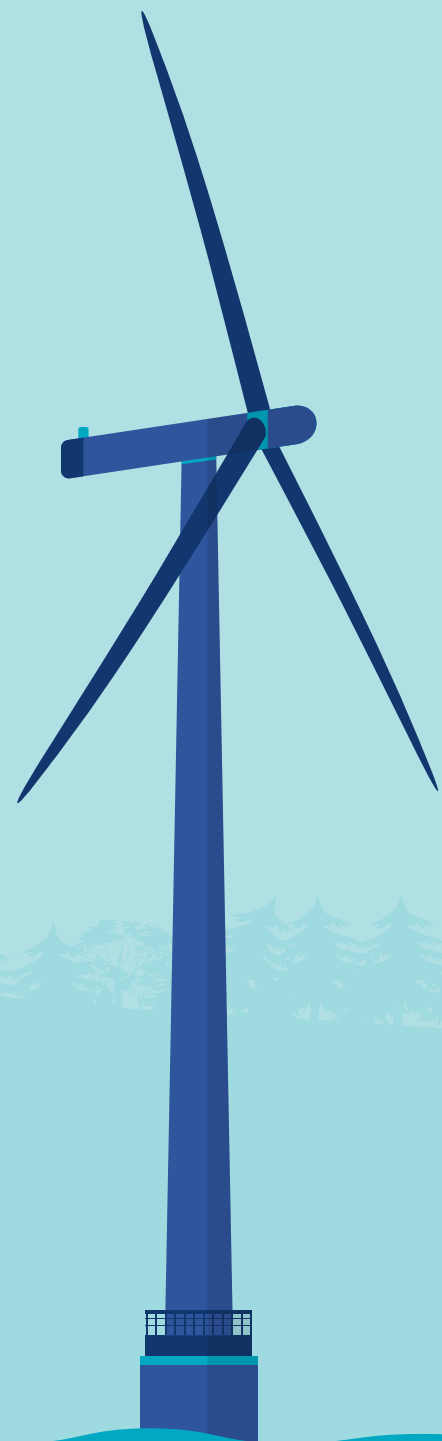




Our Services

We help power our communities at every stage. From preliminary site assessments, feasibility licence applications, environmental impact assessments, feasibility licence activities for construction, and commercial licence activities, through to operations and decommissioning.

Offshore Wind Lifecycle

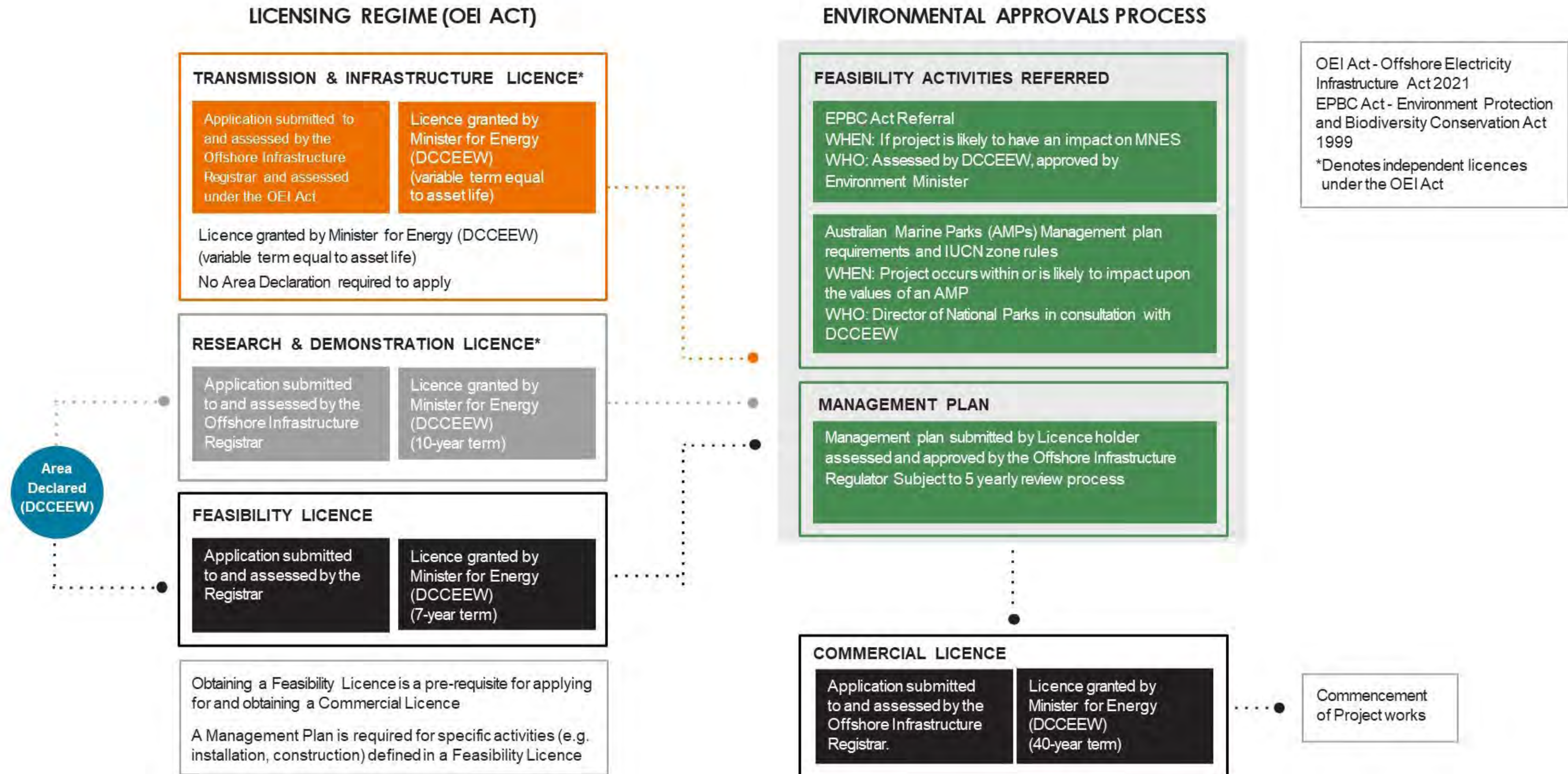


Powering our communities at every stage | OFFSHORE WIND SOLUTIONS



The Approvals Process

Our team has developed approvals strategies for complex offshore and onshore infrastructure projects in Australia, including Commonwealth, State and Local government approval requirements. We've developed systems to accurately manage and de-risk approvals, supporting project schedules and integrating all legal requirements into project design and procurement. Our experience with Australia's offshore wind regulators can support project development.





Project Experience



STAR OF THE SOUTH Victoria, Australia

This is Australia's first offshore wind project, which is proposed to supply up to 20 per cent of Victoria's electrical needs. We provided an assessment of the coastal landforms, review of metocean data and advice to the project to complement modelling of waves and hydrodynamics of the area for environmental impact assessment.

[Learn More →](#)



NEARSHORE ENVIRONMENTAL MONITORING PROGRAM Northern Territory, Australia

The Nearshore Environmental Monitoring Program (NEMP) was developed to monitor potential effects before, during and after dredging and offshore spoil disposal activities associated with the development of one of the most significant energy projects in the world. Looking to monitor 12 potential impacts identified during an environmental impact assessment, our team worked with an independent panel of experts, government agencies, universities, offshore vessel operators, and our client's environment team.

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OFFSHORE AND ESTUARINE ARTIFICIAL REEFS New South Wales, Australia

Our team provided marine ecology assessment services in the nearshore environment to determine the potential environmental impact and likely outcomes for marine biota associated with a proposed artificial reef in NSW coastal waters. This project provides high quality recreational fishing opportunities to recreational fishing licence holders and provides additional artificial habitat to reduce pressure on natural reefs under pressure from fishing.

[Learn More →](#)



GOLDEN PLAINS WIND FARM
Victoria, Australia

The Golden Plains Wind Farm in Victoria, Australia is the largest wind farm in the southern hemisphere. Since 2018, our team has been supporting the development of this alternative energy facility and the associated electrical infrastructure. Our team provided traffic infrastructure services, while our Geospatial team played a key role in the site location selection process for the wind turbines, considering primary factors such as wind speed and direction.

[Learn More →](#)



GUNFLEET SANDS OFFSHORE WIND FARM
Essex, United Kingdom

Our team in the United Kingdom is helping to provide clean energy to thousands of homes. We were engaged by GE Wind Energy to assess the feasibility of delivering an offshore windfarm in Essex to approximately 125,000 households.

[Learn More →](#)



BLOCK ISLAND OFFSHORE WIND FARM
Block Island, United States

With this wind farm in place, Block Island benefits from reliable, renewable energy while reducing their carbon dioxide emissions and diversifying their power generation. Our team is providing regulatory services and environmental surveys for the first offshore windfarm in the United States

[Learn More →](#)

**DAMIEN DEMUNCK**

Practice Lead, Environmental and Sustainability Services

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Education

- M. Environmental Planning
- B. Science (Geography)

Experience

- 27 years' experience
- Regulatory approvals strategy
- Environmental management
- Project management

[Learn More →](#)

**KATE REEDS**

Practice Lead, Marine and Aquatic Ecology

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Education

- M.Sc Marine Science (UNSW)
- B.Sc (Hons) Marine Biology and Coastal Ecology

Experience

- 20 years' experience
- Dip project management
- Environmental impact assessment
- Marine ecology and offshore survey
- Monitoring and management

[Learn More →](#)

**CHRIS SCRAGGS**

Senior Principal, Practice Lead, Coastal

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Education

- B.Eng (Coastal)

Experience

- 20 years' experience
- Coastal process assessments
- Metocean design criteria
- Numerical modelling

[Learn More →](#)

**CASSY BAXTER**

Environment/Practice Leader, Environmental Services and Advisory

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Education

- M.Sc Science, Coastal Planning and Management
- B.Sc Environmental Science (Hons), Land Resources
- Registered Environmental Assessment Practitioner (REAP)

Experience

- 14 years' experience
- Environmental impact assessment
- Environmental monitoring and analysis
- Project and risk management

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**LEE MORTON**

Practice Lead, Senior Principal Communications and Engagement Specialist

lee.morton@stantec.com

Education

- Grad Dip SCM, Grad Dip (Science and Mktg),
- BSc BM
- IAP2 Cert and Full Member and IABC Member

Experience

- 21 years' experience
- Stakeholder engagement strategy campaign design, implementation and evaluation
- External communications
- Advocacy and local partnership programmes
- Risk management

[Learn More →](#)

**KYLE BARRIE**

Practice Lead, Economics

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Education

- BA (Hons) Economics
- MSc Energy Management (University of Stirling, UK)

Experience

- 10 years' experience
- Business case development
- Socio-economic impact assessment
- Strategic economic analysis

[Learn More →](#)

**CRISTIAN ALFRED**

Team Leader Ports and Maritime

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Education

- B.Eng (Hons) Structural
- CPEng
- Member Engineers Australia, APESMA, PIANC Australia

Experience

- 20 years' experience
- Master planning
- Feasibility studies
- Business Case Studies
- Maritime structures' design
- Asset Management
- Sustainability
- Navigation
- Peer Review and construction support

[Learn More →](#)

Stantec office locations:



World's Best Employers

2021 Forbes – World's Top Female Friendly Companies Forbes

Gender Equality Index

2023 Bloomberg

#1

Ranked most sustainable corporation among industry peers

2023 Corporate Knights Global 100

Supplier Engagement on Climate

2021 Global Supply Chain Report – CDP Supplier Engagement

#5

Ranked fifth in the World's best employers

2020 Forbes

Net Zero

Carbon neutral and then net zero

Our Operational Pledge



Communities are fundamental. Whether around the corner or across the globe, they provide a foundation, a sense of place and of belonging. That's why at Stantec, we always **design with community in mind.**

We care about the communities we serve—because they're our communities too. We're designers, engineers, scientists, and project managers, innovating together at the intersection of community, creativity, and client relationships. Balancing these priorities results in projects that advance the quality of life in communities across the globe.

CONNECT WITH US



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