



High Sea
Wind

**GENERATING THE FUTURE
OF OFFSHORE WIND ENERGY
FOR VICTORIA**

Who We Are

High Sea Wind (HSW) is a **bottom-fixed offshore wind project** in the early stages of development, located off the coast of Gippsland, Victoria.

Our Experience

Ocean Winds (OW), High Sea Wind's exclusive developer, was created to turn the ocean's constant and powerful winds into renewable energy to power a more sustainable tomorrow. Based on the belief that offshore wind is key in the global energy transition, OW focuses entirely on offshore wind, developing, financing, building, and operating projects worldwide.

Today, OW's portfolio of secured offshore wind projects consists of **1.5 GW** in operation, **1.9 GW** under construction and **15.4 GW** in development totalling **18.8 GW** across **8** markets. Headquartered in Madrid, OW is present in 12 countries and continues expanding efforts to go beyond energy and create lasting benefits for local communities, economies, and the environment.

Key Figures

			
150 km² Size of Lease	76 km Off the coast of 90 Mile Beach, Gippsland	65 m Average Depth	1.3 GW Expected Installed Capacity

Benefits

1 million

Victorian homes
powered every year

5.3 million

Tons of CO₂
emissions avoided

DIRECT JOBS

INDIRECT JOBS

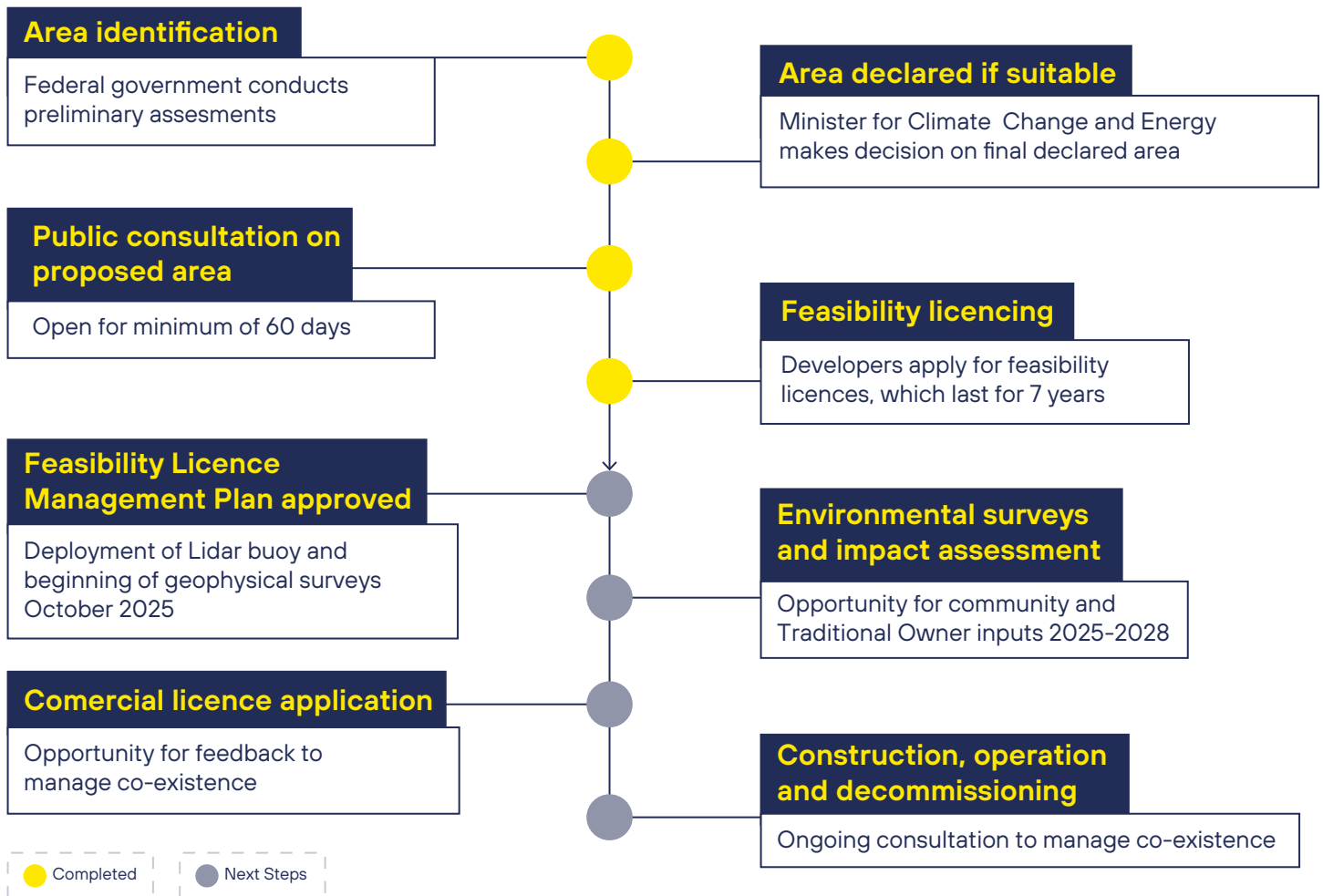
16,700 + 27,400

Expected to be created through
supply chain development

Our Current Focus

With our feasibility license granted in **April 2024**, HSW is working closely with local, regional, and federal authorities to secure environmental approvals and develop management plans that balance sustainability with economic opportunities.

At the same time, we are refining the technical aspects of the project, including turbine placement, infrastructure design, and environmental impact mitigation. These assessments are critical in shaping an efficient and resilient wind farm that integrates seamlessly with Australia's energy grid. Stakeholder input remains essential as we progress toward commercial licensing, construction, and long-term operation.



■ Next Steps

High Sea Wind is committed to meaningful engagement with **local communities, Traditional Owners, and other ocean users**. To ensure transparency and collaboration, we prioritize gathering critical data and project details in parallel to our stakeholder engagement initiatives.

The next steps for High Sea Wind include deploying a floating Lidar buoy and conducting geophysical and geotechnical surveys. These studies are essential not only for the project's engineering and technical design but also for permitting and consenting purposes. They provide crucial data to support the development of a viable offshore wind farm and compliance with regulatory requirements.



Geotechnical & Geophysical (G&G) Surveys: Assess seabed conditions for foundation design while also identifying habitats and cultural resources to ensure responsible project development.



Lidar Buoy: Collects wind and oceanographic data to inform turbine placement, energy production estimates, and environmental assessments.

■ Project Timeline



About the **High Sea Wind** Lease Area



Generating the future of offshore
wind energy for Victoria



High Sea Wind

Powered by
OW
OCEAN WINDS



Join Us!



Be our supplier