



## OFFSHORE WIND

# STRAIT OF CANSO

## POINTS OF INTEREST

The Strait of Canso is a channel separating Cape Breton Island from Mainland Nova Scotia, Canada. The Strait is an ideal location for offshore wind development due to its **world-class wind resources, proximity to international markets, available ports and industrial land, skilled workforce,** and **industrial training expertise.**

The Government of Nova Scotia plans to initially develop 5GW of offshore wind energy by 2030, with the first call for leasing expected in 2025.

- › **Wind Resources** - The Strait's offshore area offers 10-11 m/s winds and depths ideal for both fixed-bottom and floating turbines.
- › **Proximity to International Markets** - The Strait is ideally located on Canada's East Coast, making it a prime location to move components to/from markets in Europe and export green fuels from power-to-x projects.
- › **Port and Industrial Land** - The Strait has a natural deep-water, ice-free port with ample capacity for wet storage. There are heavy and light industrial parks with greenfield and brownfield space for manufacturing, construction, assembly, as well as operation and maintenance facilities. The heavy industrial park is home to the first two permitted hydrogen production facilities in North America - EverWind Fuels and Bear Head Energy.
- › **Labour and Workforce Development** - Northeast Nova Scotia has a skilled and competitive workforce of 55,900 people, with more being welcomed each day through our Local Immigration Partnership. The Nova Scotia Community College (NSCC) Strait Area Campus and Nautical Institute offers skills development and technical programs for the marine and energy sectors, with specially designed marine facilities and state-of-the-art simulation equipment.
- › **Research and Innovation** - The Ocean Innovation Centre is a hub that brings people and ideas together to foster innovation and entrepreneurship in the marine sector. Applied research in the marine sector is being conducted at academic institutions like NSCC, St. Francis Xavier University and Cape Breton University.
- › **Strait of Canso Offshore Wind Task Force** - a volunteer-led initiative of over 30 signatories, who are building support locally for largescale green energy projects in the region through collaborative knowledge sharing.

For more information:

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