



The North Atlantic Wind to Hydrogen Project

North Atlantic is taking big steps toward a cleaner, sustainable, and economically prosperous future with the Green Energy Hub. The first step towards this goal is the North Atlantic Wind to Hydrogen Project.

North Atlantic is proposing to develop a renewable energy project in the Placentia Bay and Trinity Bay regions on the Island of Newfoundland. The North Atlantic Wind to Hydrogen Project will include the installation of an onshore wind farm to power the production of green hydrogen for export to global markets.

Through the Government of Newfoundland and Labrador's wind energy process, North Atlantic was awarded 10,300 hectares (Ha) in total of Crown Lands around the Avalon Isthmus. The initial North Atlantic Wind to Hydrogen Project is proposed to be developed on 4,600 Ha in the Sunnyside Area, with Crown Land reserved for future projects.

**We want to
hear from you!**

**320MW
wind farm**



Our Pop-up Office

Scan the below QR code for our pop-up office hours to ask questions in person:



Bull Arm Information Centre
Trans Canada Highway

If you have any questions or concerns, please contact us using the below email:

greenenergy@northatlantic.ca

The North Atlantic Wind to Hydrogen Project components include:

- A 320MW wind farm east of Sunnyside.
- A Hydrogen Generation Plant with the capacity to produce 30,000 tonnes of green hydrogen per year.
- A Hydrogenation Plant with capacity to convert up to 60,000 tonnes of green hydrogen to a Liquid Organic Hydrogen Carrier (LOHC) for export, half of which is for the North Atlantic Wind to Hydrogen Project, with the remaining capacity reserved for future expansion.
- A 138 kV transmission line and associated electrical infrastructure to connect the wind farm to the Hydrogen Generation Plant.
- The use of the existing Come by Chance jetty and four storage tanks.

Through the provincial environment assessment process, North Atlantic is actively working to assess the impacts of the Project on the surrounding environment with the aim to mitigate any potential adverse impacts and enhance benefits to the province and local communities.

North Atlantic welcomes the opportunity to work closely with stakeholders to gather feedback for incorporation into the proposed Project. The North Atlantic team is committed to being present in communities to facilitate meaningful engagement with residents and stakeholders.