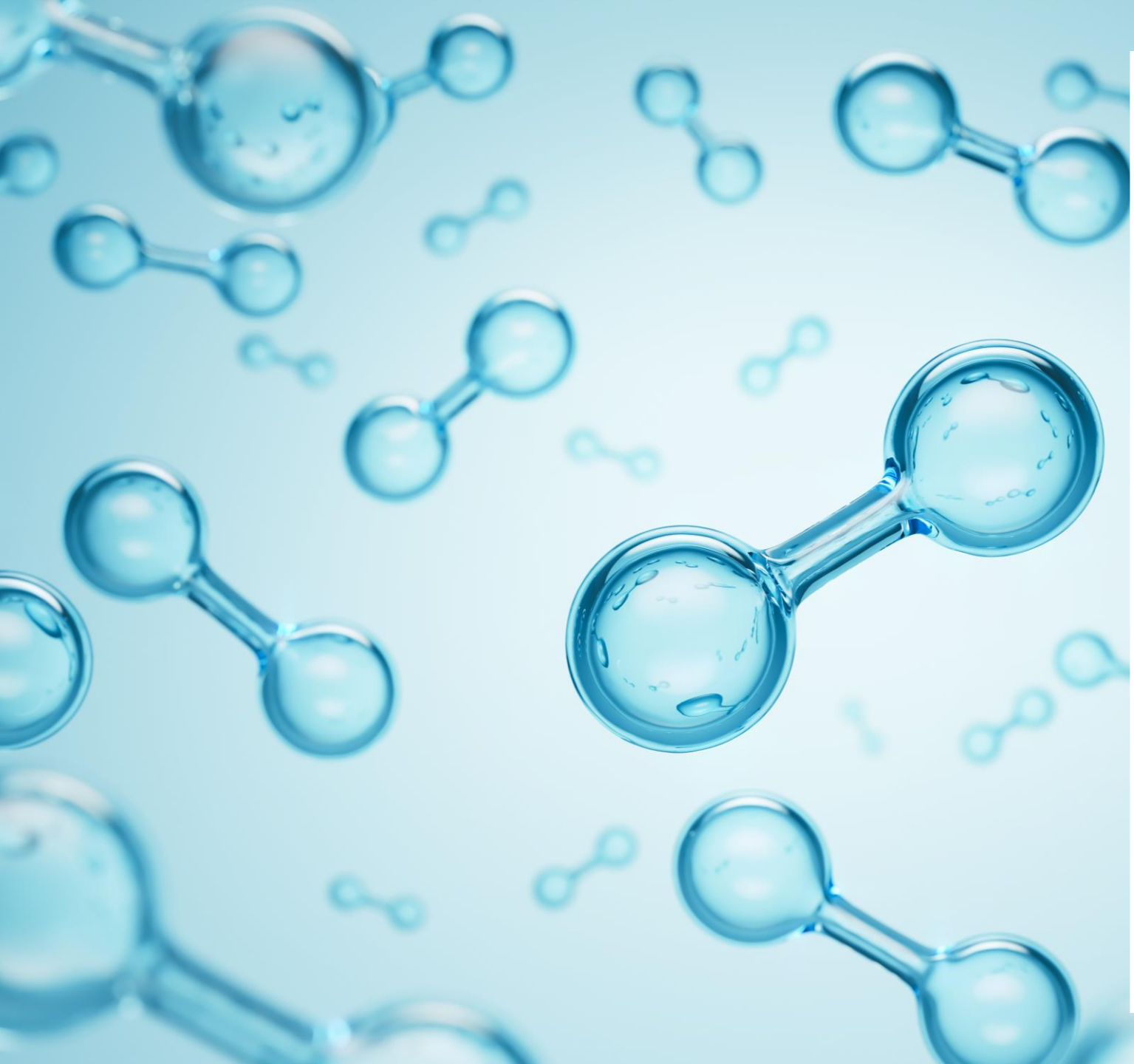


# Hydrogen Canada

March 2025

ABO ENERGY

Company Profile

# ABO Energy at a Glance

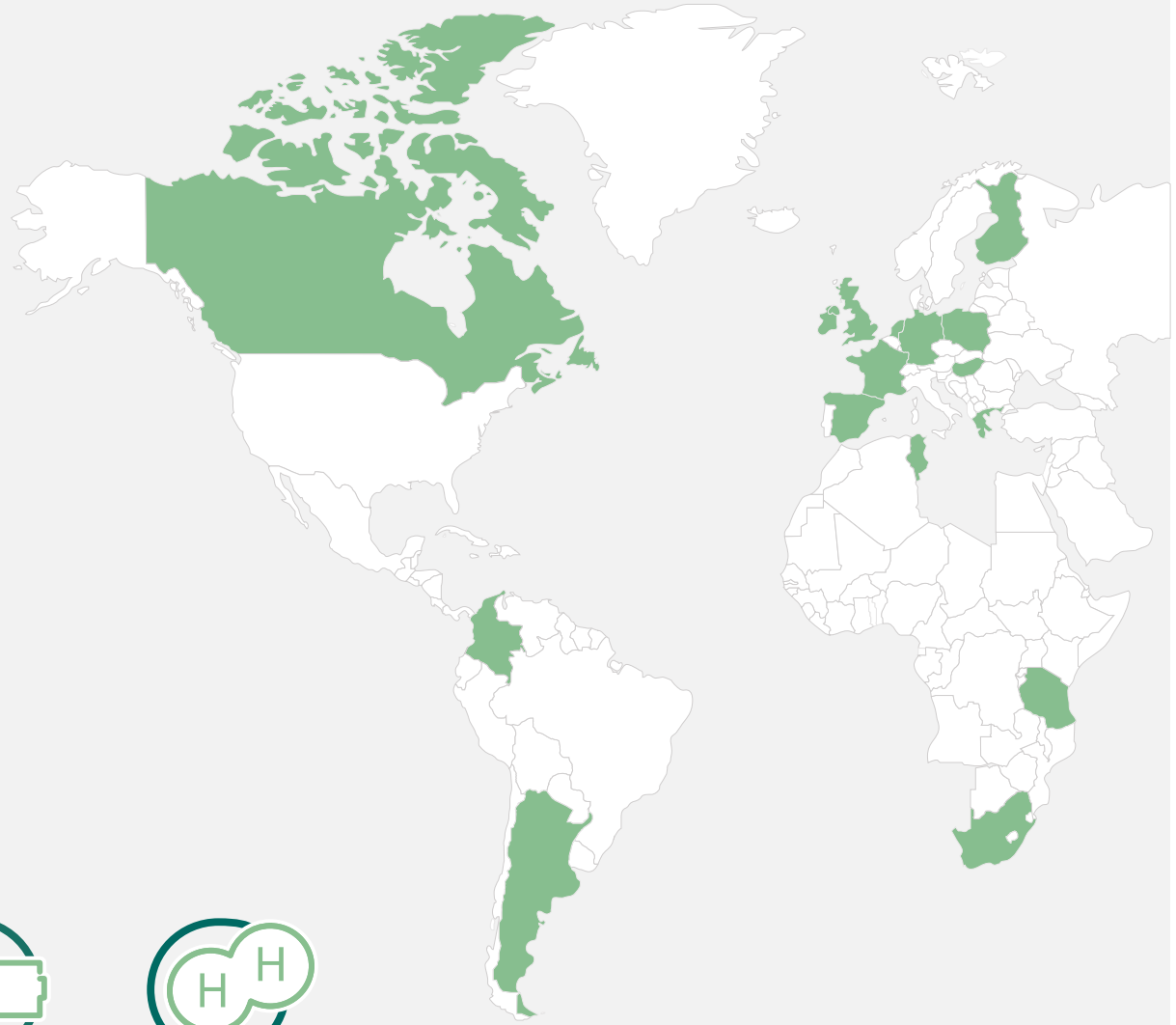
## Global Expertise:

- **28** years experience
- **5.9 GW** developed and sold
- **5+ Billion EUR** investment volume
- **1.200+** employees
- **16** countries
- **25 GW** Wind / Solar / Battery pipeline (~ 900 projects)
- **20 GW** hydrogen projects pipeline

## Core Business & Technologies:

**Site Acquisition**
**Development**
**Financing**
**Construction**
**Sales**
**O&M**

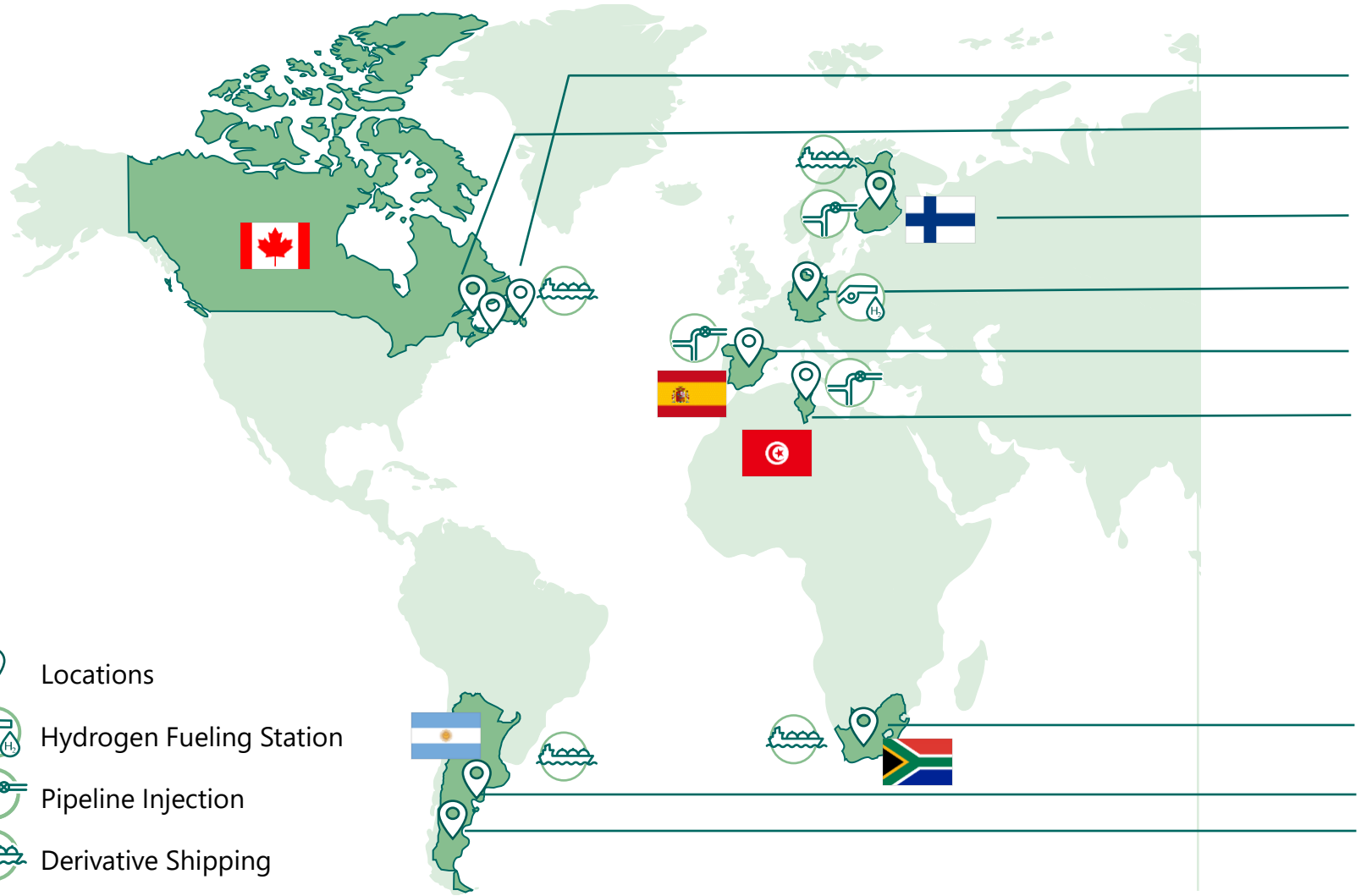
**Wind** **PV** **Battery** **Hydrogen**



ABO Energy markets

International Green Hydrogen Projects

# Our international Green H2 Project Pipeline



Toqlukuti'k (NL) **Up to 5 GW**

Belledune (NB) **Up to 4 GW**

Finland **1 GW**

Germany **5 MW**

Spain **1 GW**

Tunisia **1.5 GW**

*Extension up to 10 GW possible*

South Africa **5 GW**

Argentina **3 GW**

*Extension up to 5 GW possible*

Locations

Hydrogen Fueling Station

Pipeline Injection

Derivative Shipping

All numbers refer to installed renewable capacity

International Green Hydrogen Projects

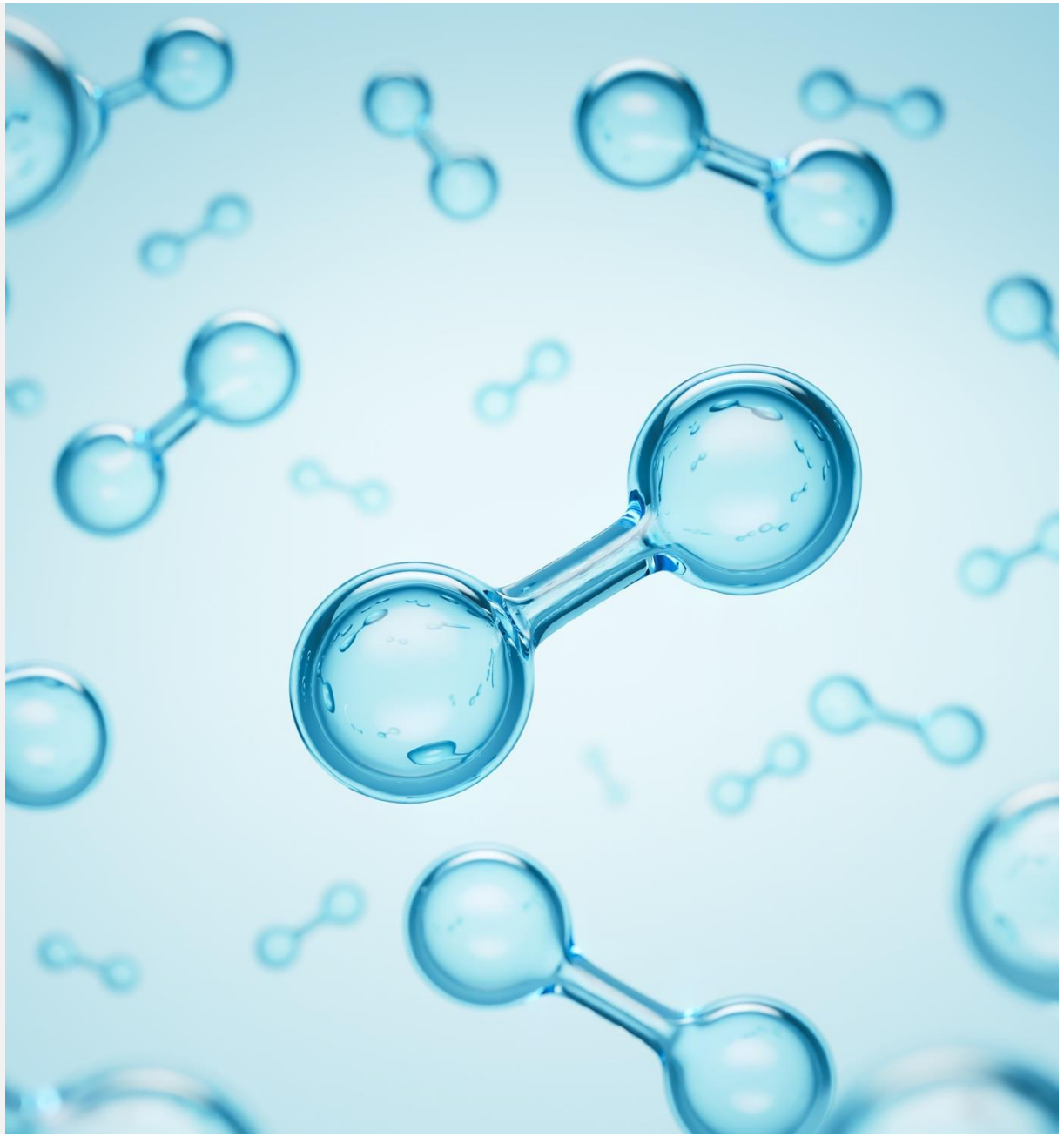
# ABO Energy covers a wide range of hydrogen applications

- **Large-scale production of derivatives**
  Development of export projects in regions with extraordinary wind/PV conditions, conversion and storage of ammonia / methanol and shipping

- **Pipeline injection**
  Development of projects in regions with very favorable wind / PV conditions, injection into $H_2$ / gas pipelines for export or local use

- **Hydrogen solutions for industry**
  On-site production for energy-intense industries, e.g. refineries, steelworks, chemical industry, fertilizer production

- **Turnkey integrated hydrogen solutions**
  including development of renewable energies, electrolyzer, storage and filling station

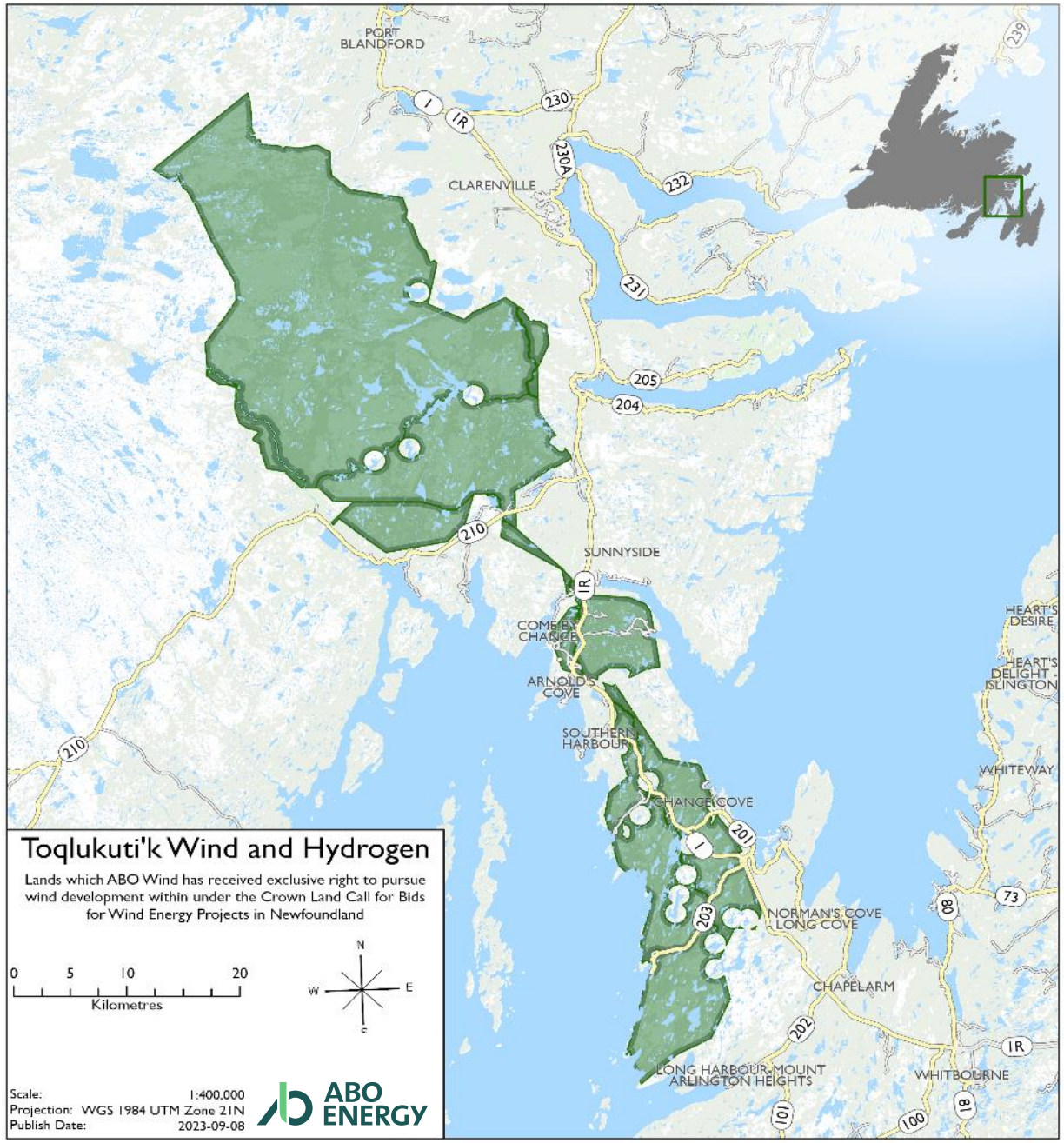


International Green Hydrogen Projects

# Ideal conditions for hydrogen export in Atlantic Canada

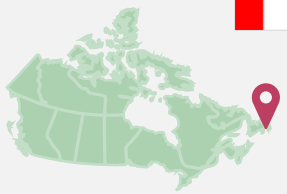
The delegation journey of **Chancellor Scholz, Prime Minister Trudeau**, Ministers Habeck and Wilkinson to sign **the German-Canadian Hydrogen Partnership** generated a large momentum for the hydrogen market of the Atlantic provinces.

| | |
|---|---|
| **Excellent wind Resource** | ▪ **Up to 10.5 m/s** steady wind speeds, up to **55 %** net capacity factor |
| **Optimal location to "Energize Europe"** | ▪ Roughly **2 weeks round trip** to the Western European ports |
| **Developed export infrastructure** | ▪ Greenfield and brownfield options, **existing port infrastructure** |
| **Large Scale Production** | ▪ Provincial support through **land availability for large** scale projects |
| **Substantial Federal Support** | ▪ Economic support through Federal **Investment Tax Credits** |




International Green Hydrogen Projects

# Toqlukuti'k (Mi'kmaq: "working together")



**Province:** Newfoundland & Labrador

Green hydrogen & ammonia production for export and potentially local industry based on outstanding wind resources with high and steady yield. Toqlukuti'k Wind & Hydrogen is 1 of 4 successful projects in the Crown land tender with an exclusive right to develop the project.

**Partners:** Copenhagen Infrastructure Partners, Miawpukek First Nation

Wind — Up to 5000 MW, 9-10.5 m/s + potentially PV

up to 40,000 t/a for local supply

up to 1,500,000 t/a

| | |
|---|---|
| **Land rights** | Exclusive development rights for 108,00 ha |
| **Measurement** | Met mast in operation since 2024 |
| **Permits** | Environmental Impact Assessment ongoing |
| **Grid** | Island grid, potentially limited grid coupling |
| **Engineering** | Feasibility study conducted by Worley Consulting (FEL-2) |
| **Water** | Fresh water ponds identified |
| **Port** | Four existing deep-water ports |

International Green Hydrogen Projects

# Belledune

**Province:** New Brunswick

Green hydrogen & derivatives production for export and to supply new industry in Belledune, build upon solid existing infrastructure including a deep-water port for in- and export, railway line, highway connection, logging roads, water reservoir, high voltage lines and potentially a biogenic $CO_2$ source.

**Partners:** Pabineau & Eel River Bar First Nations

Wind — 2000 – 4000 MW, ~ 8.5 m/s + potentially PV

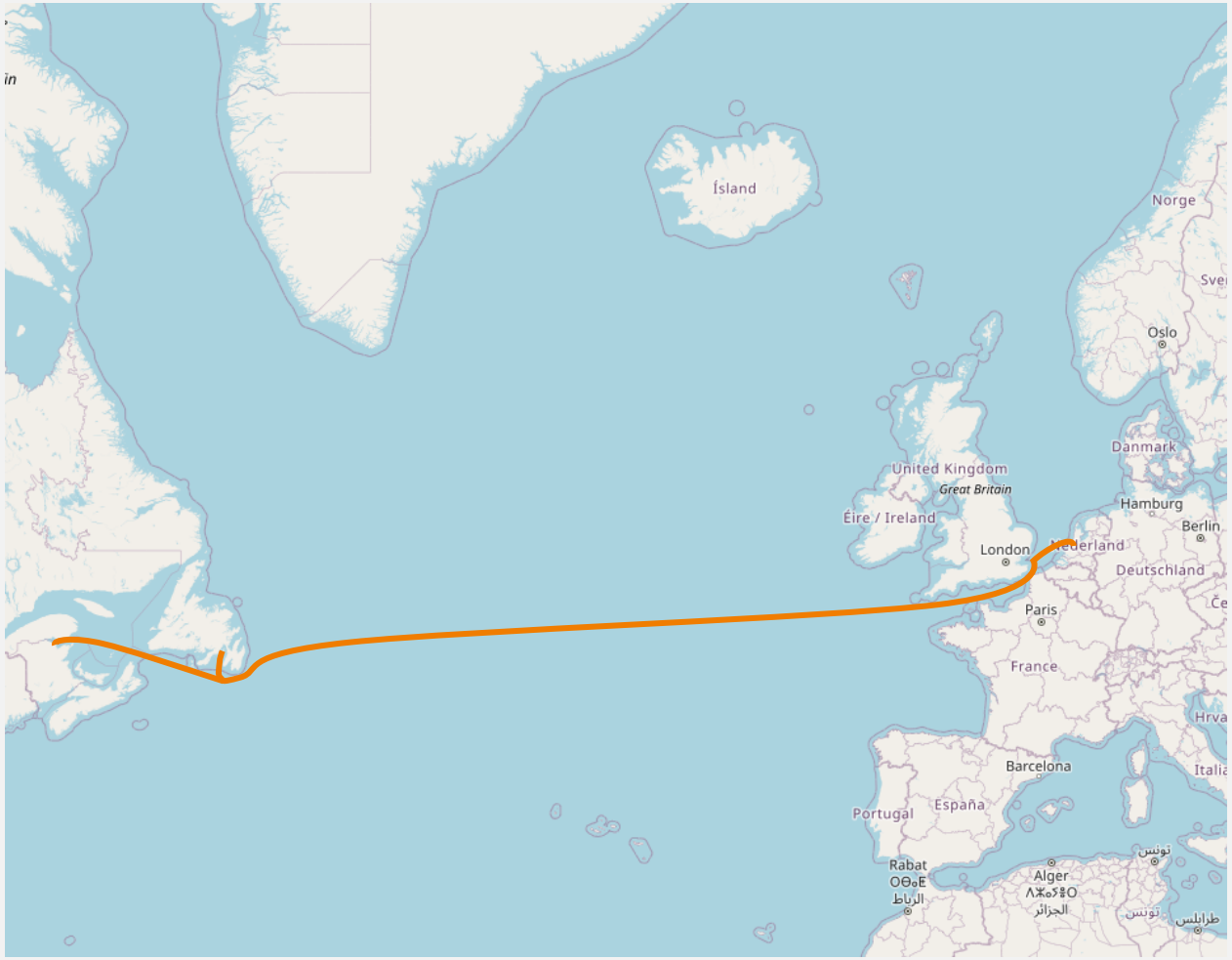
Potentially for local supply

up to 1,000,000 t/a

| | |
|---|---|
| **Land rights** | License of occupation for wind sites |
| **Measurement** | Met mast and LiDARs in operation since 2024 |
| **Permits** | Permitting roadmap under development |
| **Grid** | Behind-the-meter with potential grid coupling |
| **Engineering** | Concept developed, Feasibility study in 2025 |
| **Water** | Fresh and sea water available for process and cooling |
| **Port** | Deepwater port at ~5 km distance of the project site |

International Green Hydrogen Projects

# Atlantic Canda projects perfectly located for export to Germany




Sample shipping characteristics for an annual **production of 1,000,000 metric tons** (mt) of **green ammonia** in Atlantic Canada to Europe

| | **Come By Chance - Rotterdam** | **Belledune - Rotterdam** |
|---|---|---|
| **Vessel type (Draft/LoA)** | LGC (12m/200m) | LGC (12m/200m) |
| **Shippings** | About 25 per year | About 25 per year |
| **Distance** | 2,700 nm | 3,200 nm |
| **Roundtrip time** | ~ 16 days [1)] | ~ 18 days [1)] |

1) Based on a cruising speed of 16 knots; 1 day loading/unloading time

International Green Hydrogen Projects

# Contact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**Pilot project fuel station Hünfeld-Michelsrombach**


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