



Northland Power Inc.

Canadian Expertise in the Global Offshore Wind Market

December 2020

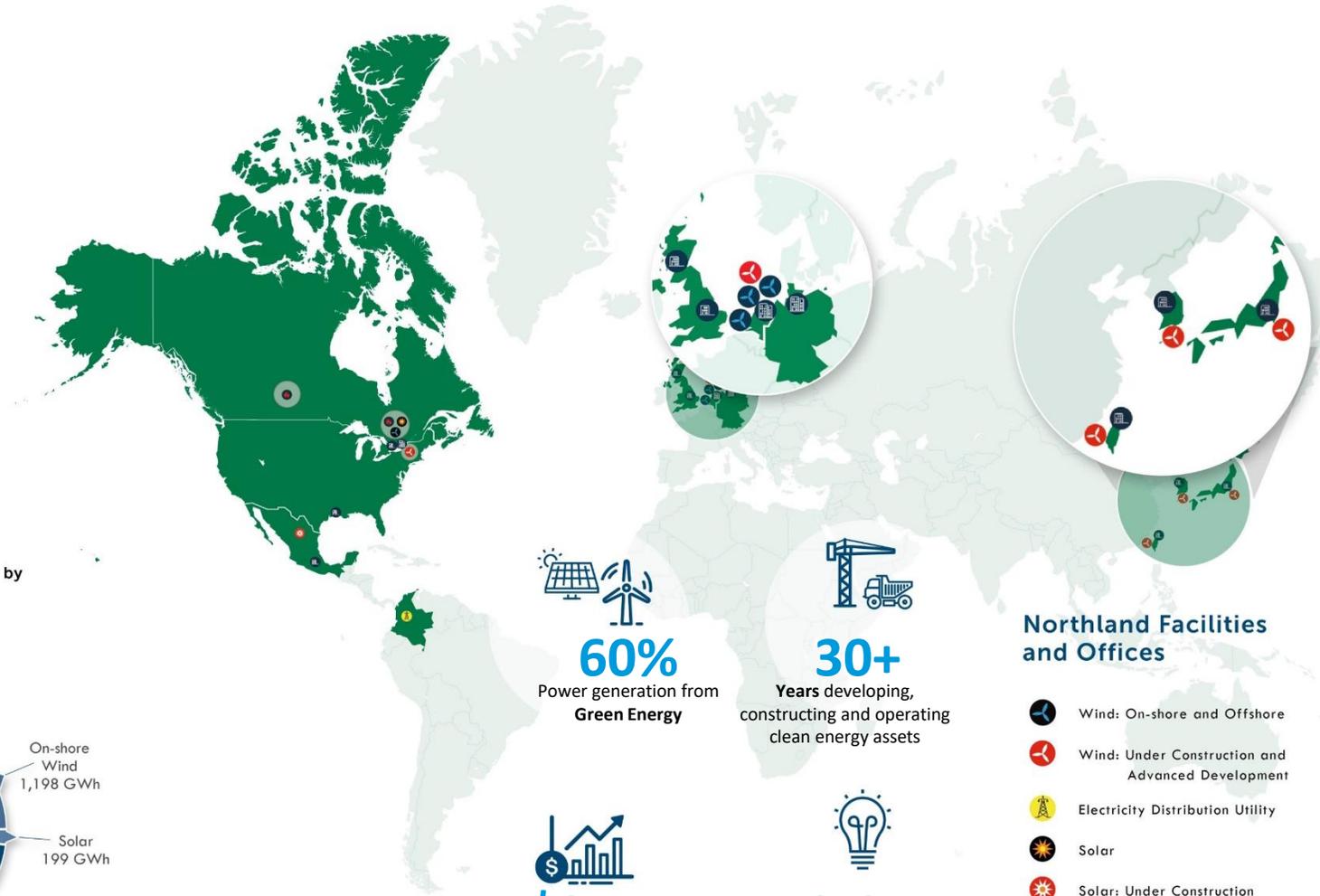


History and Results – From Local Developer to Global Player

Northland's Global Footprint

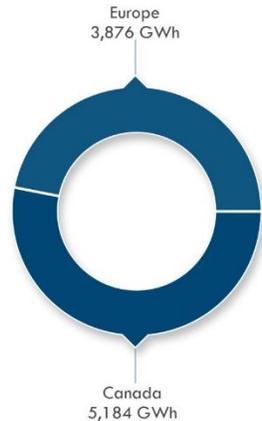
As a leader in clean and green power generation, Northland continues to expand its global presence providing sustainable power to help the shift to renewable energy while reducing greenhouse gas emissions.

We own and operate facilities in Canada and Europe, with renewable projects under construction and advanced development in Mexico and Taiwan. We have also identified future offshore wind development opportunities in Japan and South Korea. Headquartered in Toronto, we have regional development and facility offices in Canada, Germany, Japan, Mexico, the Netherlands, South Korea, Taiwan, the United Kingdom and the United States.

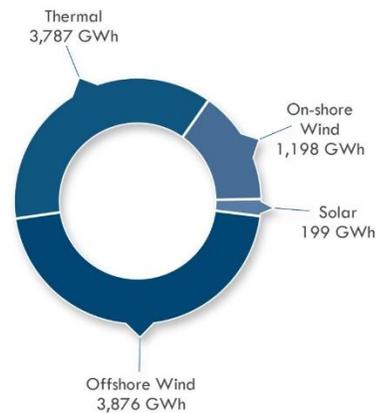


Northland's Sustainable Infrastructure Assets

2019 Annual Production by Location



2019 Annual Production by Technology



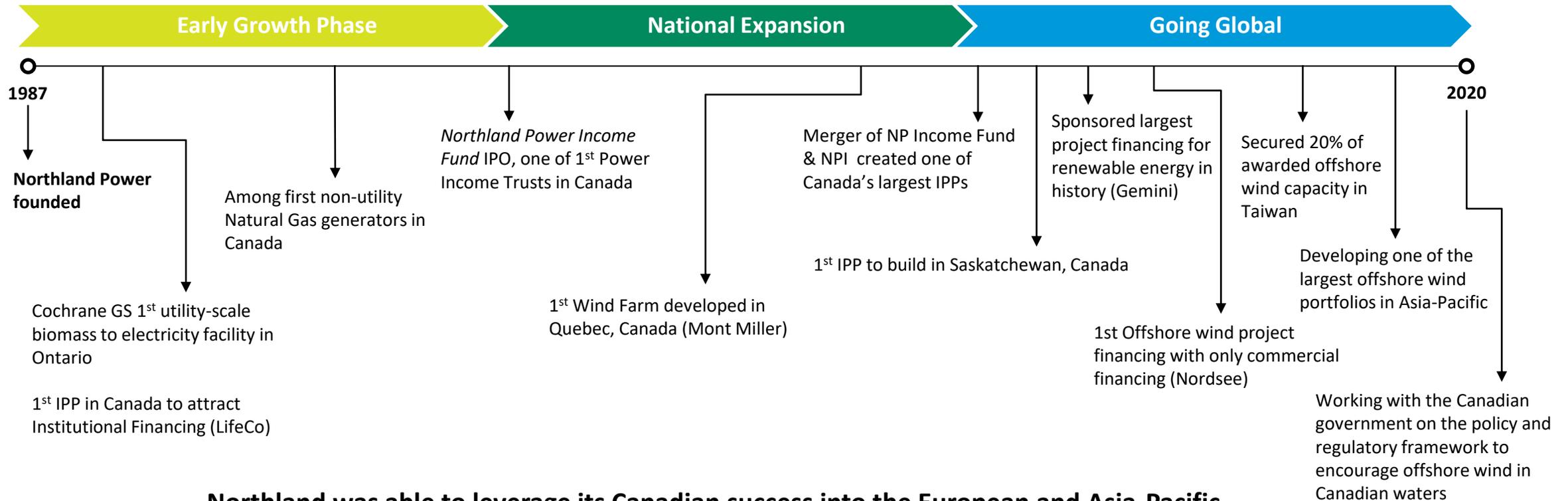
Northland Facilities and Offices

- Wind: On-shore and Offshore
- Wind: Under Construction and Advanced Development
- Electricity Distribution Utility
- Solar
- Solar: Under Construction
- Thermal
- Corporate Offices
- Development Offices

Evolution & Growth – Taking Canadian Experience Global



Creativity, ingenuity and determination were key to designing policy, legislative, and regulatory regimes that encouraged private sector investment, created jobs and helped to achieve government goals of designing cleaner, more efficient and reliable electricity systems across the country.



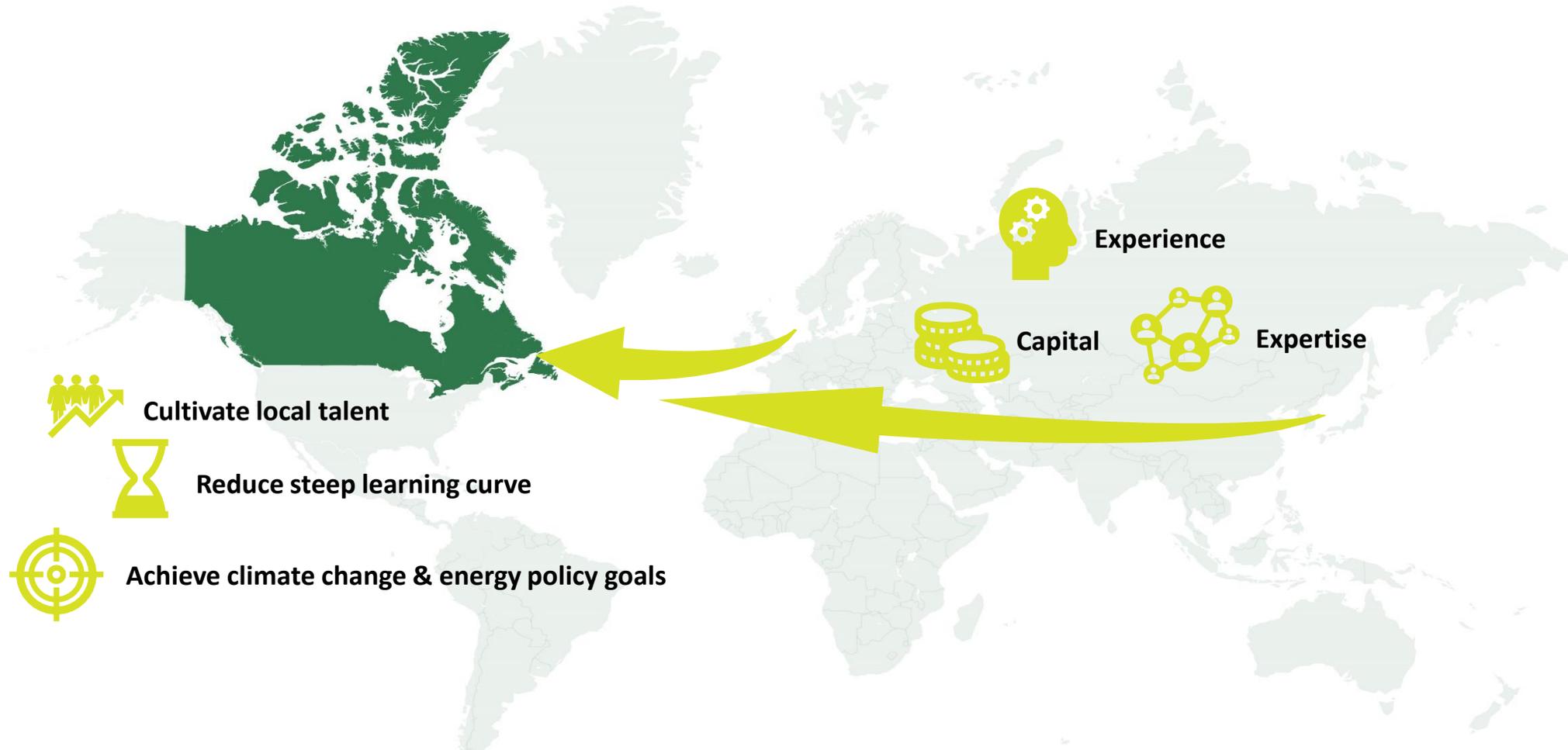
Northland was able to leverage its Canadian success into the European and Asia-Pacific offshore wind industry, bringing a wealth of technical, financial and operational experience.

Leveraging Canadian Experience into Offshore Wind Success



Today, Northland is one of the largest offshore wind owner/operators in the North Sea, with over 1.2 GW under management and an active development pipeline in some of the world's key offshore wind markets.

Repatriation of Global Offshore Wind Experience



Northland's *Offshore Wind Centre of Excellence*, centred in Hamburg, is designed as a virtual support team to our Regional Development Offices and technical teams in markets around the world

Key Drivers of a Canadian Offshore Wind Industry

Stable regulations and policies create investment certainty, attracting developers with innovation and expertise, attracting manufacturers who have the best technology, etc.

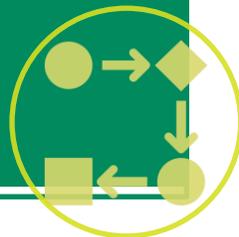
Encourages investments by creating greater market certainty, helps to de-risk projects.

Supports long-term thinking and strategy to support long-term energy goals.

Creates new jobs and cultivates local talents.

Supports emerging supply chain & industry.

Stable and
Predictable
Regulatory Regime



Governments and industry have a joint responsibility to collaboratively and creatively explore routes to market.

Further decarbonization of the economy, pushing beyond the electricity grid into electrification of transportation and building loads.

Creative thinking on end use of electrons beyond simply pushing them into the electricity grid – i.e. 'Power to X' (ex. Hydrogen, storage, etc.).

Breaking down provincial barriers on sale of power, moving beyond the historic utility model.

Markets for Power



Need to create realistic expectations that leverage existing competencies and adapt to needs in the market to ensure a competitive supply chain.

Regional suppliers need to be proactive and focus on core competencies and adapt to those in the industry.

Allow a sufficient learning period for establishing a local supply chain and provide adequate support to the pioneers in the market.

Protectionism has rarely led to lower cost of electricity nor competitiveness.

Realistic Expectations
on Supply Chain
Opportunities





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