



WIND ENERGY



QUÉBEC ASSETS

- >> One of the **best wind potentials** in North America
- >> Expertise in operating wind turbines in **cold climates**
- >> Ambitious government targets
 - **Energy Policy**: increase total production of renewable energy by **25% by the year 2030**
 - **Plan Nord**: produce **300 MW** of wind energy by the year 2035

Canada in the **TOP 10** global leaders in 2016.
Québec counts on **44 wind farms** in operation
and aims to produce **4000 MW** by the end of 2017,
in a global market of nearly **500 GW**.



**+ 5 000
JOBS**



**+ 160
COMPANIES**



**+ 25 000 000 \$
IN ECONOMIC
SPINOFFS
IN 2015**

Research and organizations



- >> Laboratoire de recherche en énergie éolienne (LREE) - Université du Québec à Rimouski
- >> Laboratoire de recherche sur l'aérodynamique des éoliennes en milieu nordique (AEMN) - École de Technologie Supérieure
- >> Université du Québec à Chicoutimi



- >> Québec Association for the Production of Renewable Energy (AQPER)
- >> Canadian Wind Energy Association (CanWEA)
- >> Québec Wind Energy Cluster ACCORD
- >> Wind Energy TechnoCentre

A sample of Québec's innovations

BORALEX

boralex.com

Boralex develops, builds and operates renewable energy power facilities in Canada, France and the United States. A leader in the Canadian market and France's largest independent producer of onshore wind power, the Corporation is recognized for its solid experience in optimizing its asset base in four power generation types: wind, hydroelectric, thermal and solar.

eOCYCLE

eocycle.com

Eocycle Technology designs, manufactures and commercializes worldwide the EO20/25, a 20/25kW wind turbine that offers energy independence to rural communities. Equipped with patented generator technology, the EO20/25 is a direct drive wind turbine that stands out for its financial performance, reliability and an extended warranty that provides peace of mind.

**FABRICATION
DELTA**

fabricationdelta.com

Fabrication Delta Inc. is a manufacturing firm which has been working in the industrial sector for over 26 years. Its expertise was solicited on a number of occasions to troubleshoot a wide array of problems. Well established in its sector, over the years Fabrication Delta Inc. has succeeded in consolidating its development through activities in all phases of realization: project management, design, manufacture and installation of the finished product.



MARMEN

marmeninc.com

Marmen is a highly recognized sub-contractor specializing in high precision machining, manufacture and mechanical assembly of components of all types. Founded in 1972, the company expanded into the wind sector in 2002 with the construction of plants in Trois-Rivières specifically designed for the manufacture of turbine towers. In 2005, the company established MarmenÉnergie in Matane. In 2013, Marmen continued its expansion with a new factory in South Dakota for tower manufacturing: Marmen Energy. Marmen is recognized as one of the most important turbine tower manufacturers in North America.



bnbbp.com

Manufacture of brake pads for wind turbines (over 1 MW) for large international manufacturers (OEM) and for North American wind farm owners and O&M companies during quality guarantee periods, in conformity with environmental standards and at competitive prices. Metallurgical formulation with standard-exceeding properties. Simplified supply logistics for the North American market with favourable impact on operators' inventory levels (possibility of consignment). Unique offering for recycling and refurbishing brake pads, and credit upon return of used components.

**écotech
Québec**

As the first organization of this kind in Canada, **Écotech Québec** brings together key decision makers of Québec's cleantech ecosystem.

Discover how Québec stands out in the clean technologies' sector

www.ecotechquebec.com