



Cape Breton

Nova Scotia, Canada



Renewable Energy

As the world looks to reduce carbon emissions and build a more sustainable economic foundation, the investment climate for alternatives / renewable energy production is stronger than ever before.



Investment Opportunities

► Develop the next innovation in renewable energy

The research capabilities of Cape Breton University's (CBU) Verschuren Centre combined with government support for pre-commercial and early-stage commercial projects create an attractive "safe harbour" for renewable energy companies.

► Launch a new renewable energy venture

Leverage the Feed-in Tariff program to launch a new renewable joint energy venture in wind, biomass or tidal renewable energy area.

► Explore the clean coal potential of the Sydney Coalfield

With a vast resource and local geological expertise, the Sydney Coalfield contains great potential for coal bed methane extraction and geothermal energy.

Top Reasons to Invest in Cape Breton

► Inherent natural strengths

Cape Breton has some of Canada's fastest average wind speeds, both onshore and offshore, providing

opportunities for wind power. With 73% of Nova Scotia's land mass covered in forests, the climate for responsible bioenergy is strong. Nova Scotia is one of the most advanced jurisdictions in tidal power research in the world.

The Sydney Coalfield is the largest fossil energy resource in Eastern Canada and the Northeastern U.S. offering major opportunities for clean, coal bed methane development and geothermal energy.

► A strong government focus on renewable energy

Nova Scotia has a Renewable Electricity Plan that mandates 25% renewable electricity by 2015 and 40% renewable electricity by 2020.

► Feed In Tariffs Program

Nova Scotia has a Community Feed-in Tariff, or COMFIT, that is designed for locally-based renewable electricity projects. It also has a Feed-In Tariff for Developmental Tidal Arrays.

► Maritime Link

The Maritime Link is a new 500 MW, +/- 200 to 250kV high voltage direct current (HVDC) transmission system that will span from Newfoundland to Cape Breton through an undersea connection.





Key Infrastructure/ Resources

► Business support

The Atlantic Canada Opportunities Agency plays a significant enabling role in the renewable energy sector by providing financial and other support services. The National Research Council of Canada Industrial Research Assistance Program provides technology assistance to small and medium-sized enterprises at all stages of the innovation process, to build their innovation capacity. Innovacorp has an internationally recognized approach to technology commercialization and has more than \$60 million in capital commitments available for high growth technology companies from its Nova

Scotia First and Clean Technology Funds. Nova Scotia Business Inc. attracts new companies to the province, and works directly with companies to help them meet their growth potential through international business development, financing and venture capital.

► Industry support

The Maritimes Energy Association supports the maximization of Atlantic Canadian participation in the supply of both goods and services to meet the needs of the energy industry. The Offshore Energy Research Association of Nova Scotia funds and facilitates collaborative offshore energy and environmental research and development and is currently conducting a strategic economic assessment of tidal energy on Cape Breton.

► Education support

Nova Scotia Community College's Nautical Institute in Port Hawkesbury supports training and other oceans-related initiatives and applied research opportunities for industry partners.

► Research support

CBU's Verschuren Centre for Sustainability in Energy and the Environment is a dynamic research centre dedicated to finding innovative and sustainable solutions to energy and environmental issues. It is an active collaborator with private sector firms to conduct research and development on new opportunities and technologies within the areas of renewable energy.



Renewable Energy Success Stories

► Port Hawkesbury Biomass

The recently opened Port Hawkesbury biomass plant's \$200-million facility located at the Port Hawkesbury Paper site is projected to generate 60 megawatts of electricity a year. A significant portion of the biomass comes from waste product through the operations of Port Hawkesbury paper. The company is conducting research into energy storage to complement the plant.

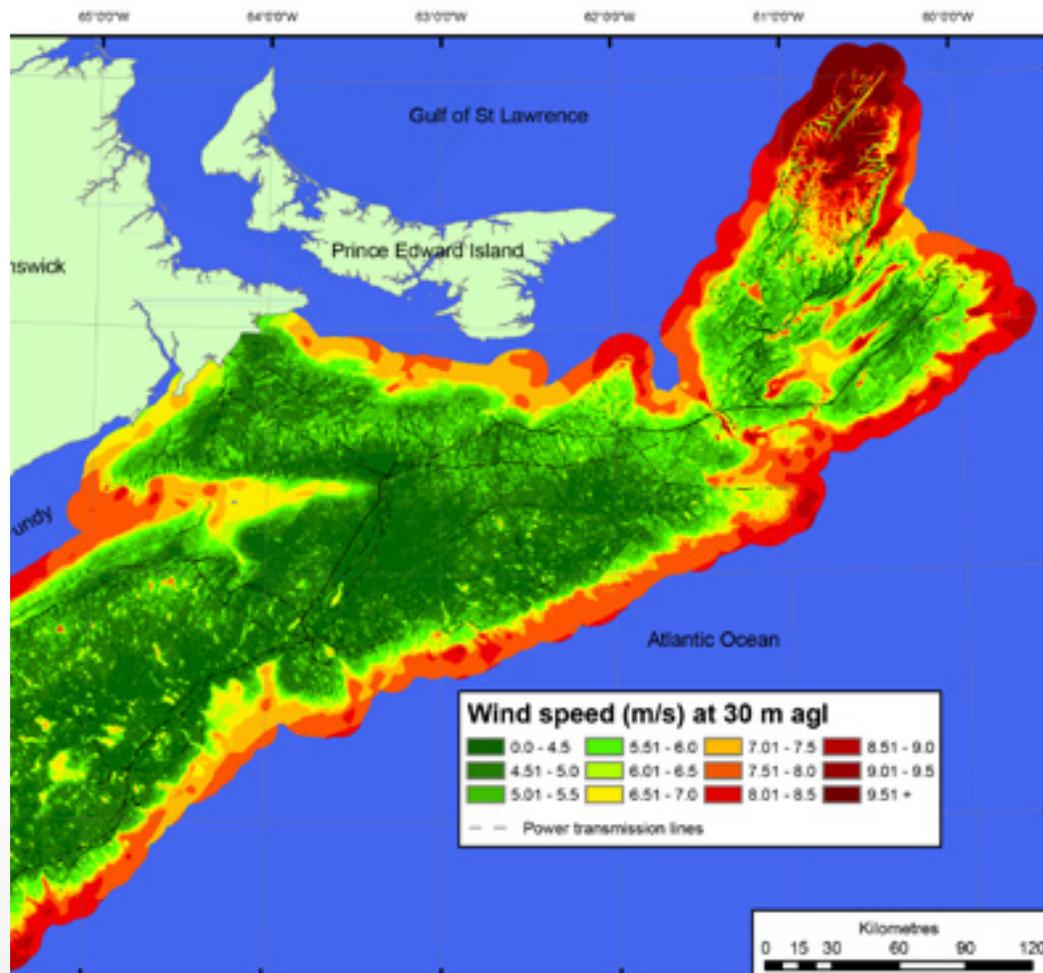
► BioEnergy Inc.

BioEnergy Inc. is developing new energy uses and products from non-traditional materials while increasing waste diversion from landfills. Its R&D into activated carbons and leachate management has exciting implications for the energy sector.

► Lockheed Martin

Lockheed Martin offers solutions for waste conversion and biomass applications that utilize non-food feedstock and waste. The company is now working with the Verschuren Centre to undertake research to explore the potential to grow and harvest willow as a biomass energy source.

Nova Scotia Wind Potential



Invest in Cape Breton Today!

► www.InvestInCapeBreton.com

► 902-562-6059

► Toll Free: 1-844-868-0967

Visit the website or call to find out more about financial support and investment opportunities.