



# CLEAN TECHNOLOGY

INNOVATING A  
SUSTAINABLE FUTURE.

Nova Scotia, Canada is a clean technology leader with expertise in **R&D**, **ENERGY STORAGE** and direct access to a **VARIETY OF RENEWABLE RESOURCES**.

Nova Scotia is advancing clean growth and sustainability. Our access to renewable energy sources and feedstock materials, paired with a skilled workforce and research infrastructure, creates opportunities for research, product development and commercial-scale projects.

# ABOUT THE SECTOR

## ENERGY STORAGE

Nova Scotia has a long history in batteries. Companies like Surrrette Battery – Canada's only remaining independent battery manufacturer and leading lead-acid battery producer and NOVONIX BTS, are conducting ground-breaking research in lithium-ion battery materials and testing. Internationally recognized for battery research, Nova Scotia is home to a unique partnership between Tesla and Dalhousie University to develop improved lithium-ion batteries.

Our companies and research institutions are on the forefront of developing new technologies. This includes lowering costs and emissions in material manufacturing and improving performance and the integration of renewable energy with the electric grid.

## BIOECONOMY

Nova Scotia's bioeconomy finds novel and sustainable uses for by-products. From cellulosic biomass to shellfish waste, there are opportunities for co-location and partnerships to produce value-added bioproducts.

The Verschuren Centre in Cape Breton is home to unique bioreactor facilities, and the province has expertise in biofermentation, bioindustrial process scale up, and next generation material development.

## RESEARCH AND INNOVATION

There are 10 universities and 14 community college campuses across the province conducting leading research.

## RELEVANT PROGRAMS AND INCENTIVES:

Canada offers some of the world's best R&D incentives. Nova Scotia offers additional R&D top-ups, alongside a supportive business climate. Industry-relevant incentives include:

- **Research and Development Tax Credits:** Up to 50% of qualified Scientific Research & Experimental Development expenditures made in Nova Scotia are eligible as a tax credit.
- **The Capital Investment Tax Credit (CITC):** Up to \$100 million on eligible capital equipment, acquired for use in Nova Scotia, can be claimed as a refundable corporate income tax credit.
- **Strategic Innovation Fund:** Repayable and non-repayable contributions to projects for firms of all sizes in Canada's industrial and technology sectors.
- **Payroll Rebate:** Return on a company's eligible gross payroll, based on performance.
- **Industrial Research Assistance Program:** National Research Council provides advice, connections, and funding to help small and medium-sized businesses increase their innovation capacity and take ideas to market.
- **Accelerated Investment Incentive:** The cost of specified clean energy equipment is eligible for a full tax write-off the year it is put in use in the business, translating to lower taxable income in the first year of operations.

For more information please contact:



**SUZANNE FRASER, BSC, MBA**  
Investment Attraction Executive

**t:** +1 902 233 7804

**e:** Suzanne.Fraser@investnovascotia.ca

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