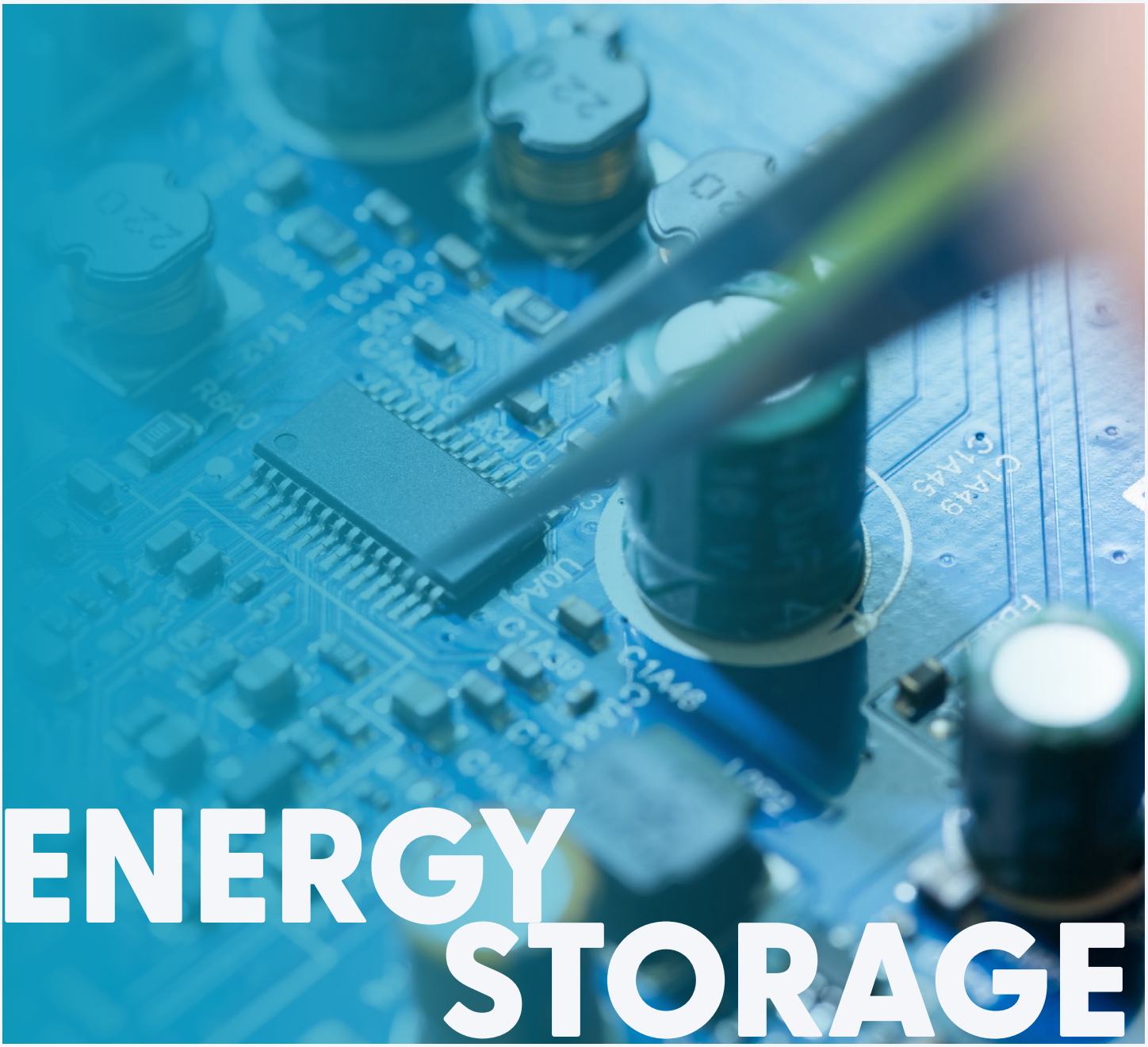
Invest NOVA SCOTIA



ENERGY STORAGE

ENERGIZE YOUR FUTURE IN NOVA SCOTIA

Nova Scotia is an industry leader in **ADVANCED BATTERY MATERIALS R&D** and **BATTERY TECHNOLOGY.**

Nova Scotia, Canada is building some of the world's most advanced energy storage technologies. Home to innovators in energy efficiency, smart measurement, monitoring and energy storage, the province's R&D expertise is the driving force behind our globally recognized energy storage cluster.

Government, academia, and commercial partners promote business, build lasting research partnerships, and introduce companies to new markets. Nova Scotia has the right mix of active start-ups, multinational companies, leading researchers and academia building a thriving energy storage industry.

ABOUT THE SECTOR

NOVONIX conducts ground-breaking research battery materials and testing. Spun out of the Jeff Dahn Research Group Tesla-affiliated lab at Dalhousie University, NOVONIX has put Nova Scotia on the map for watershed discoveries in the electric vehicle world, many of which appear in Tesla cars on the road today.

INDUSTRY CAPABILITIES

- Li-ion battery materials development, cell prototyping and testing
- Metal-ion Batteries development (Zn/Na/Mg/Al)
- Solar energy materials and solar fuels
- Thermal energy materials and applied design

RESEARCH AND INNOVATION

Our R&D sector is vibrant, with almost 4,000 public and private sector scientists undertaking research at state-of-the-art facilities.

With 10 universities and 14 college campuses, academic institutions work with industry to develop the skills and technology required for scale. The Applied Energy Research Lab at Nova Scotia Community College, the Clean Technology Research Institute at Dalhousie University and the Verschuren Centre are developing are undertaking major projects and creating solutions for industry problems.

Nova Scotia is on track to become a major hub in battery innovation and clean-tech talent development. Dalhousie University is leading the way with the Canadian Battery Innovation Centre (CBIC) – a $20 million facility set to open in 2026.

The CBIC will include a dry-room environment, a high-end manufacturing line for prototyping battery cells, and full test capabilities – all under one roof.

Alongside this infrastructure, Dalhousie is launching a course-based Master's in Battery Technology to train the next generation of battery specialists. Graduates will gain hands-on experience, working with industry and researchers to create and test new batteries.

.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:** NRC provides advice, connections, and funding to help small and medium-sized businesses increase their innovation capacity and take ideas to market.
- **Clean Technology Manufacturing Tax Credit:** Encourages investment in clean technology manufacturing and processing. It is a refundable tax credit equal to 30% of the capital cost of eligible new property acquired and available for use after January 1, 2024.

For more information please contact:

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