



## INNOVATIVE BY NATURE.

Nova Scotia, Canada boasts **THRIVING HEALTH AND LIFE SCIENCES INDUSTRY** with innovative research centres, leading hospitals, and a post-secondary sector **SUPPORTING R&D** and commercialization.

Nova Scotia's collaborative interdisciplinary network, quality STEM talent pool, and research infrastructure culminate in a vibrant life sciences sector. Our health and life sciences sectors are expanding and capitalizing on areas of emerging potential, from natural health products and pharmaceuticals to medical technologies.

Nova Scotia's capital city, Halifax, is the health care centre for the Atlantic region. Innovators from around the globe recognize the benefits of conducting research and commercializing here.

# ABOUT THE SECTOR

Nova Scotia is Canada's university capital, home to 10 universities and 14 community college campuses. Education institutions partner with government and industry to develop tailor-made programs to support sector growth, and the homegrown talent pool is complemented by immigration programs that support companies to attract the best global talent.

Researchers in Nova Scotia are making breakthroughs in areas such as:

- **Immune Health** – Dalhousie University scientists invented the first new class of antibiotics in 30 years, and the province is home to the Canadian Centre for Vaccinology (CCfV), an interdisciplinary vaccine research group bringing together expertise in vaccine discovery, clinical trials, and vaccine evaluation.
- **Natural Health Products** – The first processes to extract omega-3 fish oils were developed here, launching a multi-billion dollar industry. Today, the province continues to lead in algal and marine biotechnology, while exploring other functional foods and nutraceuticals.
- **Diagnostics and Precision Therapeutics** – From new imaging technologies and techniques to novel biomaterials and precision radiotherapy, we are improving healthcare from detection to treatment.
- **Medical Technologies and Digital Health** – Nova Scotia is progressive in leveraging data into solutions, investing in increased data collection and utilization capacity.

## CLINICAL TRIALS AND PILOTS

Unlike many other jurisdictions, Nova Scotia has a unified health authority that grants approvals for clinical trials. At any given time, there are approximately 400 clinical trials underway at Nova Scotia Health. The Atlantic Clinical Trials

Network (ACTN) boosts research and innovation, introduces new healthcare opportunities, and positions the region as a leader in clinical trials.

## RESEARCH AND INNOVATION

Nova Scotia has a critical mass of students and scientists undertaking R&D in post-secondary institutions, research hospitals, and research centres including:

- The Nova Scotia Health Authority
- The Life Sciences Research Institute
- The National Research Council Zebrafish Research Facility
- The IWK Health Centre
- Genome Atlantic

## RELEVANT PROGRAMS AND INCENTIVES:

Canada offers some of the world's best R&D incentives. Offering additional R&D top-ups, and 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:** 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, with specific funding dedicated to life sciences and biomanufacturing.
- **Payroll Rebate:** Return on a company's eligible gross payroll, based on performance.
- **Innovation Rebate Program:** A 25% rebate on eligible project costs for investments in innovation, capacity expansion, and sustainability.
- **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.

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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