



# Economic Recovery

Towards a Clean Growth Future for  
Newfoundland and Labrador



Newfoundland and Labrador  
Environmental Industry Association

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# Preface

## **The Newfoundland and Labrador Environmental Industry Association (NEIA) is pleased to provide its vision of economic recovery for the province.**

As governments seek to stimulate economic recovery, there is a growing sense that investments should meet two tests: first that they contribute to economic activity and jobs right away; and second that they will provide longer-term benefits for the economy, the environment, and society. In short, economic recovery and 'clean growth' should go hand in hand. NEIA agrees with this assessment, and recommends that the Government of Newfoundland and Labrador embrace this philosophy as it positions the province's economic recovery priorities. Clean growth not only provides environmental benefits, but also contributes to economic resilience in a world that is increasingly concerned with greenhouse gas emissions and environmental impacts.

In the Newfoundland and Labrador context, clean growth means helping our key industries improve their environmental performance to ensure their long-term international competitiveness. It means taking advantage of our highly skilled onshore and offshore work force to make the transition to clean energy. It means taking advantage of our clean electricity grid and electrifying every feasible asset and process to the benefit of both the environment and the taxpayer/ratepayer. It means thinking big and finding a way to exploit our rich abundance of clean energy resources. It means preparing ourselves for a net zero future, and for the significant challenges – and enormous opportunities – that are associated with that.

Adopting a clean growth approach to economic recovery is also one of the most impactful things that we can do to energize and retain our workforce. Newfoundland and Labrador, and indeed Canada and the world, are facing very challenging times. It is going to be important to retain our best and

brightest. There is broad public support for the protection of the natural environment, and adopting a clean growth approach to recovery fits with the growing belief – particularly with our youth – that economy and environment are not mutually exclusive considerations. Approaching and aligning economic recovery with an explicit commitment to clean growth will energize and motivate this segment of the population – and provide significant opportunities for economic development and growth in the process.

The recommendations NEIA are making are not in haste. Through 2019-20 NEIA has been engaged in the development of a strategy for growth for Newfoundland and Labrador's clean technology and environmental services sector. This process, in collaboration with provincial and federal governments, has included: a comprehensive review of relevant literature; an analysis of the innovation and support ecosystem; a review of best practices associated with clean growth strategies in leading jurisdictions; and extensive engagement with public and private stakeholders across economic sectors. While the conclusion of this process was disrupted by the COVID-19 pandemic, NEIA has substantial information from which it can make a series of informed and specific recommendations.

The clean growth opportunity is immense. Newfoundland and Labrador is blessed with a wealth of resources and is home to a budding technology sector that, through a deliberate and coordinated approach, can enable our province to become one of the 'cleanest' jurisdictions on the planet and an inspiration to other regions around the world.

Let's put people to work today, building the economy of tomorrow. NEIA stands ready as a partner in the pursuit of any and all of the initiatives listed within this document.

# Take Action to Meet Canadian and Newfoundland and Labrador Commitments to Net Zero by 2050

Governments at both the federal and provincial level have committed to net zero greenhouse gas (GHG) emissions by the year 2050. Meeting this vision presents challenges and opportunities for the public and private sectors. It will mean transformational change within our key natural resource industries.

Awareness of the net zero concept is low in Newfoundland and Labrador, as is the preparedness of industries, businesses, and organizations whose operations will be impacted. To achieve the commitment to net zero, and maximize the associated economic benefits to the province, stakeholders must embrace the concept and pursue it strategically.

The enormous research, development, and commercialization activity that the pursuit of sustainability within our major industries will provide will enable a robust period of clean growth innovation for Newfoundland and Labrador. All stakeholders will be incentivized to do whatever is feasible to reduce their own contribution to GHGs, but there will be cases where zero emissions are not possible. This will create opportunities and incentives for innovators to develop carbon offset projects in the province.

## Specific actions in support of this priority could include:

- Establish a *Clean Growth Directorate* to lead a whole-of-government approach to net zero, managing the initiatives within and among provincial departments in support thereof, and providing a formal point of contact for key external stakeholders
- Partner on education and awareness initiatives to help stakeholders understand what net zero means and what the associated challenges and opportunities will be
- Establish an MOU between Canada's *Clean Growth Hub* and NL's Clean Growth Directorate to facilitate continuous and proactive communications between federal and provincial governments on clean growth
- Establish a *Net Zero Working Group* – with representation from government, industry, municipalities, and academia – to chart Newfoundland and Labrador's course to provincial GHG emissions net neutrality by 2050
- Support sector-specific initiatives to develop net zero strategies, and ensure future industrial developments are envisioned and implemented within the context of net zero objectives
- Support emissions quantifications for business and organizations to identify opportunities for GHG reductions in the short and long term



# Leverage Canada's Offshore Oil and Gas Industry to Advance the Energy Transition

The world is transitioning to a lower-carbon economy and Canada's offshore oil and gas industry can play a strong supporting role. Today, oil and gas represents upwards of 60% of global energy consumption. Urgent action is required world-wide in order to meet the objectives of the Paris Agreement, but the required changes in the global economy, its infrastructure, and the habits of its people will not happen over night. It is clear that if the world has any hope of meeting greenhouse gas emissions targets, changes **within** the oil and gas industry have to be part of the solution.

The characteristics of Canada's offshore oil and gas industry put it in an excellent position in this regard. The type of oil extracted is highly attractive because its grade is the least impactful from an environmental perspective to process. The activities involved in the extraction of Canada's offshore oil are among the least carbon intensive in the world – 30% below the international average. In this time of transition, reducing global emissions by providing the world with the most environmentally sound oil is a valuable contribution to the fight against climate change.

But the clean growth opportunity is much more vast. Through its offshore oil and gas industry, Newfoundland and Labrador can help lead Canada's energy transition and make the country a global clean growth leader. As the fourth largest producer of oil and gas in the world, balancing resource development and the energy transition in Canada is a complex undertaking. The winners in this time of global transition will leverage their oil and gas industries - and the substantial skills and resources found within them - to diversify their economies into new areas of clean growth.

The offshore oil and gas industry's support of Newfoundland and Labrador's commitment to net zero will drive this transition and be a catalyst for technological innovation. The industry's substantial

knowledge, skills, networks, equipment, and capital mobilized towards net zero objectives will facilitate the modernization of the entire ocean economy through the development, demonstration, and implementation of new technologies and processes. The technologies developed in Canada's offshore oil and gas industry in support of clean growth will accelerate the diversification of Newfoundland and Labrador's economy.





Diversification may be an understatement. The success of Newfoundland and Labrador's energy transition can lead to transformational change within the province. By leveraging the modernization and advancement of its offshore oil and gas industry, the province can accelerate its vision of becoming a low-carbon technologically advanced economy that grows its oceans expertise, facilitates the electrification of infrastructure, and enables significant renewable energy growth. Newfoundland and Labrador has the opportunity to rapidly diversify its economy and to become one of the cleanest jurisdictions in the world with one of the most advanced cleantech economies.

**Specific actions in support of this priority could include:**

- Partner on the development of an offshore wind project in close proximity to existing (or future) assets to enable significant GHG reductions
- Partner on the installation of cables to existing (or future) assets to enable the transmission of electricity from shore (e.g. Muskrat Falls) to enable significant GHG reductions
- Partner on the installation of combined cycle combustion engines on existing (or future) assets to enable significant GHG reductions
- Partner on emissions quantification for assets and their supply chains to identify opportunities
- Engage in a coordinated effort to redirect/ reposition the monitoring and characterization expertise of NL companies towards emissions quantification (and other environmental challenges)
- Define and explore opportunities for carbon capture, including an offshore storage hub
- Partner on the electrification of supply vessels
- Partner on retrofit programs on existing assets (e.g. pumps, valves, boilers, cranes, etc.)
- Identify the strategic role that natural gas can play in the province's clean growth objectives

# Accelerate the Electrification of the Economy

The electrification of buildings, transportation, industrial processes, etc. over the short, medium, and long term (both public and private) will contribute to a number of complementary objectives. First, the work associated with fuel-switching will create jobs and economic activity. Second, electrification will reduce provincial greenhouse gas emissions. Third, emissions reductions at the firm and industrial level will help the province's private sector remain competitive in a world that is increasingly focused on net zero. Finally, electrification will create a greater demand for electricity in the province which will assist in rate mitigation efforts. Given that electrification achieves multiple economic and environmental objectives simultaneously, its acceleration should be prioritized in Newfoundland and Labrador. The province currently has one of the lowest emissions rates per kilowatt hour in Canada – an accomplishment that should be exploited and protected.

## Specific actions in support of this priority could include:

- Support major public electrification projects (e.g. buildings, public transportation bus fleets, school bus fleets, and related infrastructure)
- Support major private sector electrification projects (e.g. port operations, airport operations, industrial operations, and related infrastructure)
- Partner on programming for commercial, residential, and industrial properties that will accelerate electrification priorities, e.g.
  - Electric heat pump installations in oil heated homes/buildings
  - Adding to existing electric vehicle subsidies (for individuals and fleets)
  - Installation of batteries / hybrid propulsion systems on vessels
- Explore innovative public/private partnerships and financing models to accelerate electrification activities
- Make resources available to the private sector and municipalities to help decision-makers understand the economic and environmental impacts of electrification projects
- Embrace smart-grid technologies to maximize electricity distribution and demand response to increase grid resilience and efficiency
- Incorporate electrification considerations within provincial environmental assessment and other processes to ensure that future investments are grid-tied where possible
- Establish an *Electrification Action Group* – with representation from government, utilities, industry, municipalities, and academia reporting to the Clean Growth Directorate – to exploit immediate opportunities related to electrification and chart a long-term path that fosters economic growth while mitigating rates
- Ensure any future negotiations around a 'fixed link' between Newfoundland and Labrador are tied to future transmission infrastructure and electrified commercial transportation



# Quantify Newfoundland and Labrador's Clean Energy Resources

From waterpower to wind, Newfoundland and Labrador has tremendous clean energy development potential. In areas such as hydro this potential has been studied and is known. In other areas, such as wind energy potential, a patchwork of information exists between public and private research. The potential in yet other areas, such as geothermal, may be entirely unknown. It is important for the province, from an investment attraction and policy intervention perspective, to have an explicit understanding of the clean energy resources that are available to be harnessed.

The clean energy opportunities that need to be quantified, at micro and macro scales, in Newfoundland and Labrador include (but may not be limited to): hydro; onshore wind; offshore wind; tidal/wave; solar PV solar / hybrid PVT; cogeneration; and geothermal.

## Specific actions in support of this priority could include:

- *Engage in a renewable energy technology assessment* – this task consists of a high-level desktop assessment of available (and demonstrated) renewable energy technologies and their current technology readiness levels (TRL). The work would include identifying the renewable energy types (technologies) that are compatible with the available renewable resources within the Province of Newfoundland and Labrador.
- *Identify strategic renewable energy opportunities* – the work for this task would include identifying high potential renewable energy opportunities within the province. To identify the high potential renewable energy opportunities

within the province, the work will: (a) build on and compile all previous resource assessment works completed within the province that are both relevant and publicly accessible; and (b) complete a comprehensive screening to identify additional renewable energy opportunities for the technologies identified in the assessment using global standards and industry best practices for renewable energy resource identification/assessment. The objective of this task is to identify pragmatic renewable energy projects for future development within the Province.

- *Evaluate renewable energy opportunities* – this task includes evaluating the renewable energy projects identified in task two along all dimensions including the environmental, social, technical, and economic value pillars. The outcome will be a detailed evaluation of the projects including an assessment of their true viability (not theoretical potential) and a prioritization of the highest value renewable energy projects within the Province.

With this information, Newfoundland and Labrador will be in a much better position to pursue the development of its clean energy resources.





# Invest in Regional Transmission Infrastructure to Enable Clean Energy Developments in Atlantic and Eastern Canada

It is clear that Newfoundland and Labrador has an abundance of energy resources that can be developed to support clean growth throughout Canada. The quantification of these resources, as recommended, will allow for engagement with partners and investors towards their development. However, Newfoundland and Labrador cannot use all of this energy domestically, as it has already invested in Muskrat Falls and other hydro projects that will see its own grid approach 98% renewable.

But beyond its borders, the province's clean energy assets can support clean growth nationally. However, exporting electricity is challenging. New transmission infrastructure would enable the development of Newfoundland and Labrador's substantial resources by providing a pathway for the supply of clean energy to jurisdictions and markets that have demand. Investing in the implementation of regional electricity transmission infrastructure is a nation-building project that will have many benefits throughout Eastern and Atlantic Canada – one of which is the unlocking of Newfoundland and Labrador's clean energy warehouse.



# Define the Hydrogen Opportunity

Recent international dialogues on zero-emissions fuels have accelerated and intensified interest in hydrogen production. Hydrogen can often be used in existing fossil-fuels infrastructure, is well-suited for heavy transportation (e.g. freight trucks, trains, ships, etc.), and can also be a source of electricity.

With its abundance of clean energy resources and unused gas inventories, Newfoundland and Labrador may be well-positioned to become a global supplier of hydrogen in the same manner as it currently is of oil. This opportunity should be explored to answer some important questions.

What will global demand for hydrogen look like? What complementary role can our existing assets play in hydrogen development (e.g. offshore oil and gas infrastructure, hydropower infrastructure)? Can

we use our existing excess of clean electricity as an investment attraction tool for hydrogen production? What infrastructure do we need in the short term to enable pursuit of this opportunity?

By addressing these questions, Newfoundland and Labrador will be better positioned to pursue the hydrogen opportunity. Should research reveal real potential, hydrogen production may represent a significant opportunity for diversifying the province's economy and an important element of its energy transition. Newfoundland and Labrador should immediately undertake a study to quantify the prospects of hydrogen production.



# Reduce Diesel Use in Remote Communities through Clean Energy Development



An immediate opportunity for clean energy development in Newfoundland and Labrador is related to the remote communities dependent on diesel for their electricity. Projects to replace or supplement diesel will not only reduce emissions, they will also serve to immediately improve local air quality and reduce ongoing operational costs for the province in providing electricity to these remote communities. Various technological solutions already exist.

Partnerships have already been developed to ensure that stakeholders can work together to take action. There are local companies that have the experience to complete the work. With clear economic and environmental benefits, Newfoundland and Labrador should proceed immediately with clean energy development in remote communities – provided that Indigenous groups are active and engaged partners/leaders where appropriate.

# Help Newfoundland and Labrador Municipalities Meet Canadian Wastewater Standards

New federal wastewater regulations came into effect in 2012, requiring sewage outfalls with more than 100 cubic metres of waste per day to be treated. Municipalities in Newfoundland and Labrador have not had the financial resources to comply with these regulations. Of the 197 wastewater systems documented under the regulations, only 8 meet the effluent quality standards; 173 have no treatment at all. Significant investment is required to help these municipalities become compliant, presenting an opportunity for a clean growth program focused on wastewater management. The province has existing private sector and research capacity that could be utilized for (and benefit from) a focused program.

**Specific actions in support of this priority could include:**

- Help more municipalities monitor their wastewater flows to provide them with the data they need to pursue solutions
- Engage similar municipalities in clusters to inform them on solutions, financial resources, and pathways towards implementation appropriate to their scale and circumstances
- Support a program that provides municipalities – or regions – with the resources necessary to engage in the engineering required to right-size a solution
- Partner on the implementation of wastewater solutions



# Transform Waste Management in Newfoundland and Labrador



Waste management has been identified as a long-term clean growth economic development opportunity for Newfoundland and Labrador. At the community level, the province is lagging in its provision of modern waste management services. Unique challenges exist within industry as well, because of the remoteness of their operations, distance from major markets, and subsequent difficulties in achieving economies of scale.

Whether it is within our communities or industries like aquaculture, fisheries, forestry, mining, etc., waste management is a field that is ripe for research and the development of new innovative solutions. Better waste management can: have significant positive environmental impacts including reduced greenhouse gas emissions; reduce operating costs for municipalities; and contribute to the long-term economic sustainability of industry – all while creating jobs.

Moreover, the solutions that are developed in Newfoundland and Labrador can be exported worldwide to jurisdictions facing similar constraints thereby creating long-term economic benefit for the province.

## Specific actions in support of this priority could include:

- Establish a *Value-From-Waste Working Group* – with representation from government, industry, municipalities, and academia reporting to the Clean Growth Directorate – to coordinate and prioritize activities addressing waste in Newfoundland and Labrador through the lenses of: innovation; economic development; cost; and environmental impact (GHGs)
- Support efforts of local industry to invest in solutions that create value from waste, e.g. the collection of fishery by-products (cod skins) for refinement and export, the crushing of glass for use in cement, the use of wood fibres for biofuel production, etc.
- Create a matchmaking service to connect those that produce waste with those that can find value from waste
- Develop and implement solutions to modernize solid waste management in Newfoundland and Labrador (in both urban and rural areas) with respect to recyclable materials, organics, and other materials that can be diverted from the waste stream – through the lenses of: the zero waste hierarchy; innovation; economic development; cost; and environmental impact (GHGs)
- Support the reduced consumption, storage, and transportation of highly hazardous hydraulic, diesel engine, and used oil in industrial applications

# Support Local Cleantech Deployment Demonstration Projects

It is well understood that the clean technology and environmental services sector is more reliant on government intervention to foster growth and success. Such support can come in the form of 'push' or 'pull' interventions (e.g. incentives, regulations, etc). One of the most powerful tools government has available to support the sector is enabling pilot or demonstration projects.

Clean technology and environmental services firms are often developing or selling new and innovative products and approaches that, despite evidence of their reliability and effectiveness, face resistance because of the reluctance to 'change.' This challenge is exacerbated in Newfoundland and Labrador where domestic markets are small, some sectors face extremely high regulation (such as the electricity sector), and there are few operators with whom to engage (such as within natural resource industries).

When engaging internationally, businesses are often asked how their product or service has been received in their local market; not being able to answer this question is a barrier to entry. The best action that government(s) can take to help cleantech or environmental services businesses is to provide opportunities for them to demonstrate the value of their products and/or services.

## Examples of cleantech deployment demonstration projects could include:

- **Improving Our Understanding of Land-Based Resources:** As has been evident in the success Newfoundland and Labrador has seen in its mining and oil and gas industries, the acquisition and provision of data to industry (in this case geological) can play a strong role in the attraction of investment and the development of significant projects. The up-front investment can be far outweighed by the returns of such economic development. There is an opportunity to take this same approach via LiDAR – a terrestrial mapping technology that can be used for environmental characterization and monitoring. LiDAR surveys have a broad range of applications that can contribute to growth in several of the province's key sectors including mining, energy, forestry, agriculture, and municipal/planning. A working group of interested partners can be formed to formally lay out the value proposition associated with LiDAR mapping, and outline an appropriate geographic area to use as an initial project to demonstrate value. This activity will support Newfoundland and Labrador's growing expertise in and around environmental characterization and monitoring.



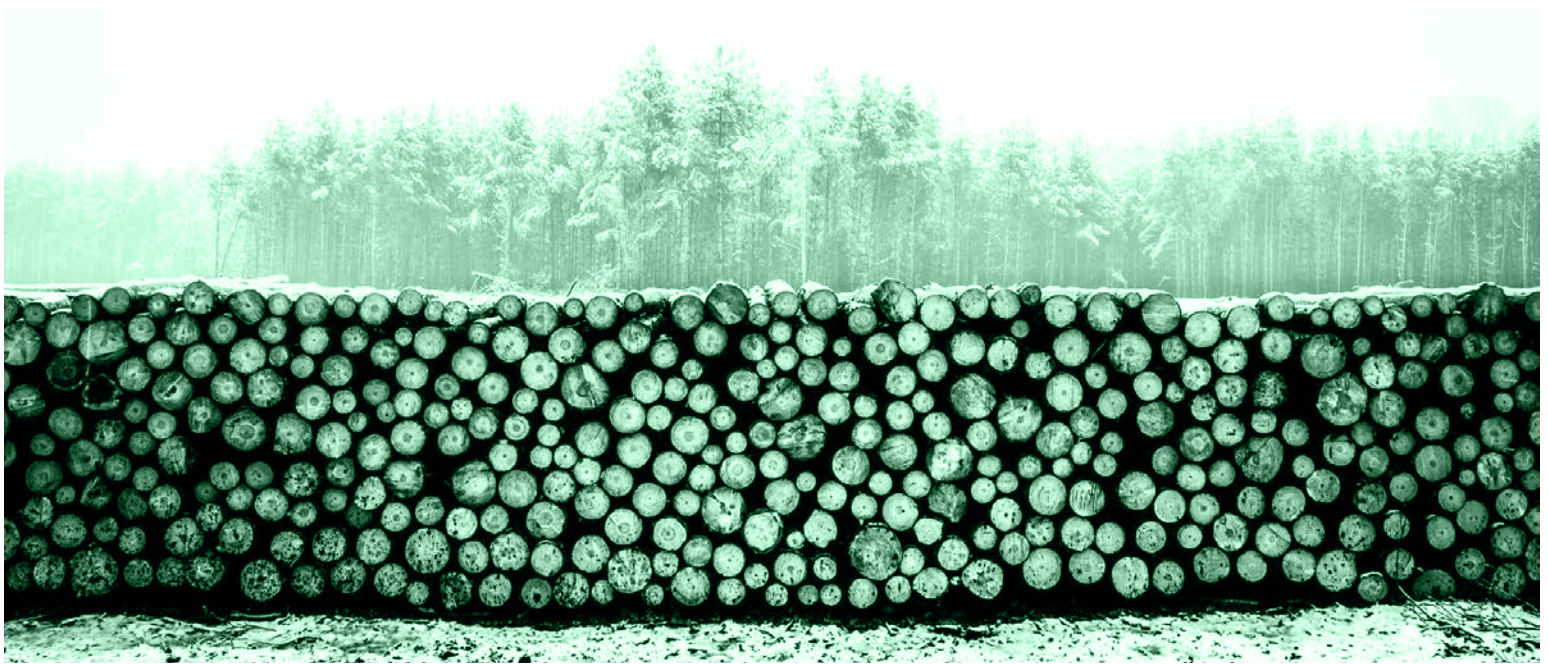
- **Oil filtration for public and private marine assets:** Applying available oil filtration/ recycling technologies to marine assets can be highly effective in improving performance and lifecycle of key machinery – including hydraulic systems, diesel engines, and gear boxes/ transmissions. The province can implement a program to (a) install oil filtration technologies on provincial assets to improve the government’s environmental performance and immediately decrease operational costs, and (b) subsidize the installation of oil filtration technologies throughout the private sector (e.g. fishing vessels). Such a program was close to becoming a reality through the Department of Fisheries and Land Resources and DFO’s Atlantic Fisheries Fund just prior to the COVID-19 crisis, and should be activated.
- **Expanded electricity demand response pilot project:** Mysa engaged in an independent pilot project to demonstrate the value of its new demand response software. This feature, built within Mysa’s programmable thermostat,

allows for automated aggregate responses to external factors (e.g. extreme cold, electricity demand spikes, etc) to optimize generation and distribution decisions. The pilot project demonstrated significant potential for this feature, but relied on a small existing user base within the province and no involvement from a utility. A substantial pilot project, backed by partnership with a local utility, can provide the company with the evidence that it needs to sell the service internationally.

- **Testing the application of wastewater technologies for new markets:** There are opportunities within Newfoundland and Labrador for the application of locally designed wastewater management technologies in new or different circumstances, e.g. at closed dumps, airports, mining sites, aquaculture facilities, etc. A dedicated initiative could help finance collaborative projects (involving the test site, the technology developer, and academia) that spur economic activity, facilitate innovation, and create potential new products and services for local companies – all while improving environmental outcomes in the province.

- **Helping address food security through biofuels production:** Newfoundland and Labrador’s forestry industry has a waste material - wood biomass in the form of sawdust and bark - that can have considerable value as a fuel. Finding customers for this fuel would create new revenue streams for forestry industry operators and contribute to the growth and long-term sustainability of the industry. Meanwhile, there is a growing need to increase food security in the province, an effort that would likely encompass greenhousing. One of the largest costs associated with greenhouses is the energy required for heating. There is an opportunity to match forestry industry leaders with entrepreneurs interested in food security and farming and finance startup costs in an effort to bolster both the province’s self-sufficiency and its forestry industry.





- **Helping address food security through investment in agriculture:** The experiences of 'snowmagedon' and COVID-19 in 2020 have illustrated the challenges and impacts that Newfoundland and Labrador faces in terms of food security. It has become clear that increased agricultural production is warranted, and the most effective approach would involve greenhousing. To stimulate activity in this regard, Newfoundland and Labrador could consider using its access to excess clean electricity to entice and stimulate entrepreneurial activity meant to address food security. Phasing in electricity costs over a time horizon can (a) help new farmers develop their businesses and their markets, and (b) create new long-term demand for electricity.
- **Expand on provincial clean and safe drinking water initiative:** There are approximately 200 active boil-water advisories (BWAs) currently in-place in Newfoundland and Labrador, affecting more than 150 communities across the province. The majority of these BWAs have been issued in small communities with less than 500 residents; more than half of the BWAs are long-term, having been in-place for more than five years and in some cases decades. Improving access to safe drinking water has not only had a significant impact on protecting public health in these small communities, but also opens up opportunities to increase tourism and other economic development as it removes the stigma associated with dirty water. New and innovative approaches to building operational, managerial, and technical capacity in small, rural drinking water systems – through a combination of research and development, social marketing, one-on-one mentorship, and technical support – have proven successful in helping a number of small communities in the province live their BWAs. This work could be expanded upon.
- **Issue of 'challenges' or mission-based competitions in areas of priority:** The issuing of 'challenges' is a an agreed-upon approach through the Pan-Canadian Framework to stimulate clean growth innovation. Challenges, based on known environmental issues or opportunities, can be designed to: incite interest and create awareness within the community; foster the creation of startups or partnerships; or result in the development of a commercialized solution. Creating a fund that can be used to issue challenges in areas of strategic priority (such as those listed in this document) can help drive innovative activity in a time of economic recovery. Federal departments and their agencies (e.g. Innovative Solutions Canada) with resources for 'challenges' could partner directly with the provincial government to issue challenges on subject matters of priority for Newfoundland and Labrador.



# Develop Newfoundland and Labrador's Carbon Offset Framework

With provincial and industrial commitments to achieve net zero by 2050, Newfoundland and Labrador must work towards developing a framework by which organizations can offset the carbon emissions that they cannot eliminate within their own operations due to technical or financial limitations.

The net zero concept introduces new business and economic development opportunities for innovative projects / activities that result in GHG reductions. In fact, the demand for offsets may quickly exceed the supply that is available in the province. Thus, care will need to be taken to make certain that there are ample opportunities for offsets in Newfoundland and Labrador to ensure that investments remain within the province.

**Specific actions in support of this priority could include:**

- Develop an efficient and flexible offset market framework, managed by the Clean Growth Directorate, that meets the needs of industry and maximizes potential economic benefit for Newfoundland and Labrador
- Work with NEIA and other stakeholders to identify, stimulate, and pursue GHG offset opportunities



# Clean Growth and Investment Attraction

Beyond the priorities listed, there may be opportunities for investment attraction from the perspective of clean growth.

Newfoundland and Labrador's clean electricity may be an attractive option for international operators with aggressive sustainability agendas. To attract interest, the province can leverage the international network of business and investment contacts of its own private sector by establishing a "finder's fee" for confirmed new investments/operations.

Other opportunities need to be explored. What will the economy of the future look like, and how can Newfoundland and Labrador contribute? Are there other forms of aquaculture, e.g. regenerative ocean farming, seaweed farming, etc. that could take place in our waters? Does our land feature minerals or resources that will factor prominently in the low carbon economy? Can we tackle our immense challenges around transportation and GHGs by providing a test-bed for new forms of travel? These are questions that Newfoundland and Labrador can

start asking to foster new ideas and enable clean growth innovation.

Finding answers will require multi-sector and public-private collaboration. But it is clear that there is a missing element within Newfoundland and Labrador's business and innovation support ecosystem: a physical hub that reflects the accomplishments, expertise, and potential of our innovators; a centre where clean growth ideas can be shared between actors, collaborations can be explored, and lessons can be learned at an accelerated pace; a space that supports collisions between businesses and the pursuit of accelerated growth.

Such an asset can directly contribute to the innovative capacity and output of an ecosystem, and be a powerful tool for investment and talent attraction. The establishment of an **Innovation Centre** – tied to federal, provincial, and industrial clean growth priorities – can help build the momentum and excitement that Newfoundland and Labrador will need during its economic recovery.





**Newfoundland and Labrador  
Environmental Industry Association**

**NEIA is a not-for-profit association of  
businesses that promotes the development  
of clean technology and the growth of  
the green economy in Newfoundland and  
Labrador.**

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