



Minister's Report on Climate Change

Risks and Progress Toward Targets | 2024-2025

Table of Acronyms

AFF	Atlantic Fisheries Fund
ALUS	Alternative Land Use Services
AT	Active Transportation
A-TAP	Aquaculture Technology Adoption Program
ARIP	Agriculture Research and Innovation Program
BEV	Battery Electric Vehicle
CART	Climate Adaptation and Resilience Training
CCC	Climate Change Coordinator
CCF	Climate Challenge Fund
CHA	Coastal Hazard Assessment
CHRIS	Climate Hazard & Risk Information System
CLIVE	Coastal Impacts Visualization Environment
CO2e	Carbon Dioxide Equivalent
ECCC	Environment and Climate Change Canada
FEP	Forest Enhancement Program
FHIMP	Flood Hazard Identification and Mapping Program
FLPP	Forested Land Priority Place
FTE	Full Time Equivalent
GDP	Gross Domestic Product
GHG	Greenhouse Gas Emissions
GIS	Geographic Information System
GPEI	Government of PEI
ICPR	Interim Coastal Policy Recommendations
Mt	Megatonnes
NGO	Non-Government Organization
NBS	Nature Based Solutions
NIR	National Inventory Report on Greenhouse Gas Emissions
PHEV	Plug-In Hybrid Electric Vehicle
RUDI	Residential Unit Development Incentive
TIA	Tourism Industry Association
UPS	Unlimited Power Supply

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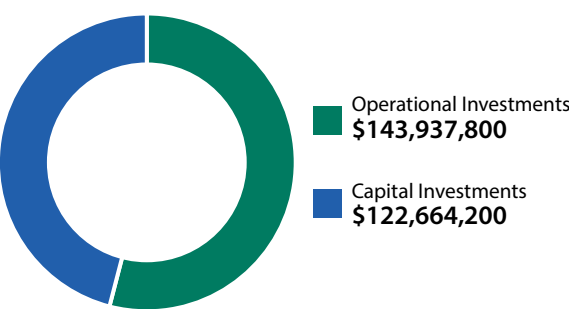
Executive Summary

The reality of climate change is no longer something we only need to consider for future generations. We are experiencing the direct and indirect impacts of climate change in the present day. The Government of Prince Edward Island recognizes this and has decided to leverage our strengths to set ambitious targets to achieve net-zero while also acknowledging our climate risks by investing in building resilience.

This year's Minister's Report on Climate Change Risks and Progress Toward Targets highlights key actions taken across all government departments. The initiatives featured in this report emphasize climate action progress related to the following themes: Industry, Buildings and Communities, Transportation, Nature and Biodiversity, Research and Leadership, and Extreme Weather Preparedness.

Expenditure Info

Government spent \$266,602,000 on climate action in 2024-25 including \$143,937,800 in Operational Investments and \$122,664,200 in Capital Investments. This significant investment includes administration, salary, programs, and grants from across all government departments¹ that are dedicated to contributing to climate action.



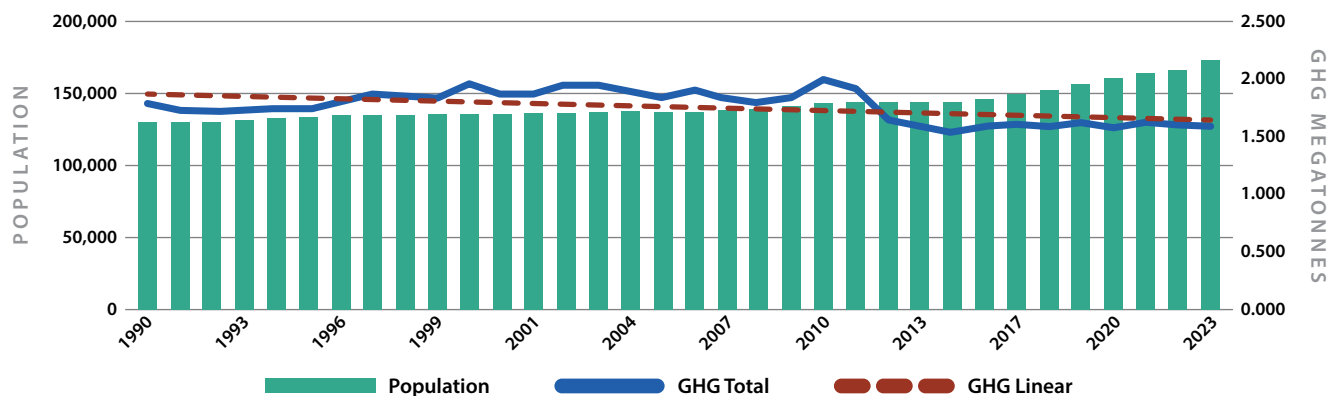
Emissions Info

Total greenhouse gas emissions in Prince Edward Island were 1.592 megatonnes (Mt) in the most recent National Inventory Report (NIR, 2025).

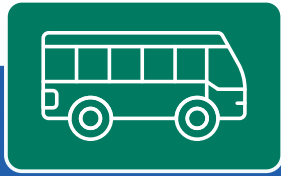
Despite a steady increase in population and GDP in the province, greenhouse gas emissions are decreasing, demonstrating the significant impact of mitigation policies and the efforts of PEI's primary industries and households to operate more efficiently.

PEI has reduced fossil fuel demand by over 4.5 per cent². Targeted government investments and programming in home energy efficiency and sustainable agricultural practices had a significant impact on the province's overall emissions reduction.

Despite population growth, emissions have decreased over the past three years



¹ A full list of all climate action initiatives and climate related program data from 2024-25 can be found in the Supporting Materials Document.
² Energy efficiency in Prince Edward Island | 2024 Canadian Energy Efficiency Scorecard - Canadian Provincial Energy Efficiency Scorecard



143,346
Rural-transit rides



9
Large public
roadway structures replaced,
improving climate resilience



Reception Centre & Fuel-Station Maps

Launched maps to show Islanders where they can go to receive services and fuel during an emergency



CHRIS

Launched new
Climate Hazard
and Risk
Information
System (CHRIS)

Held 14 Information Sessions on the tool
with 450 people attending



37,356

Instant savings
rebates in stores on
energy efficient equipment
and appliances

650+

Projects
completed
through
agriculture
programs
focused on climate
adaptation and sustainability



778,890

Trees Planted through the
Two-Billion Trees and Forest
Enhancement Program

716

Coastal Hazard
Assessments
completed

17,000+

Coastal property owners
received direct mail with
information on coastal
hazards and resources

13,196

Households improved their
home energy efficiency through
the province's programs

5,837

Bicycle rebates

52

Additional EV Chargers
Installed - 48 Level 2 Chargers
and 4 Level 3 Fast Chargers

924 Electric Vehicle rebates

Minister's Message

This year, Prince Edward Island demonstrated once again that a small province can lead in big ways on climate action. This is not a race but a continuous forward momentum that involves everyone working together. Over the last couple of years, I can proudly say we have been doing just that.

PEI continues to stand out nationally with household energy efficiency programming, now second place in the 2024 Canadian Efficiency Scorecard. The report also highlights PEI's leadership in income-qualifying energy efficiency programs, noting its per household spending exceeds all other provinces. This demonstrates our commitment to affordability and equity for households across PEI.

Following the impacts of post-tropical storm Fiona, our restoration efforts are paying off. The Frank J. Gaudet nursery, now fully operational with its upgraded infrastructure, has successfully reached its target of producing 1.3 million seedlings per year. We are also proactively preparing for future challenges by updating forestry policies and legislation and investing in fire preparedness with new infrastructure and training.

We have been implementing the Interim Coastal Policy Recommendations, including:

- Developing shoreline management plans for three areas on PEI, which will create meaningful impacts for our vital coastal communities.
- Delivering targeted outreach and information on coastal hazards to over 17,000 coastal property owners across Prince Edward Island.
- Conducting a Coastal Property Owner Survey, which garnered more than 1,500 responses.

These efforts provide significant insights for local decision makers on the values, concerns, and awareness levels of coastal property owners. Together, we can prepare for further coastal change and protect our coastlines with practices tailored to local needs.

We've continued making progress toward implementing our whole-of-government five-year Climate Adaptation Plan. Sector-specific work has been completed in fisheries and agriculture, alongside investments in backup power and critical infrastructure resilience to withstand extreme weather.

These milestones reflect the dedication of Islanders, local governments, academic partners and our hard-working business community. Most importantly, they reflect the daily choices made to reduce emissions and adapt to change.

Together, we are showing what's possible. Let's continue this important work as we move toward 2040 and beyond.

Sincerely,



Hon. Gilles Arsenault

MINISTER OF ENVIRONMENT, ENERGY AND CLIMATE ACTION

Strategic Approach

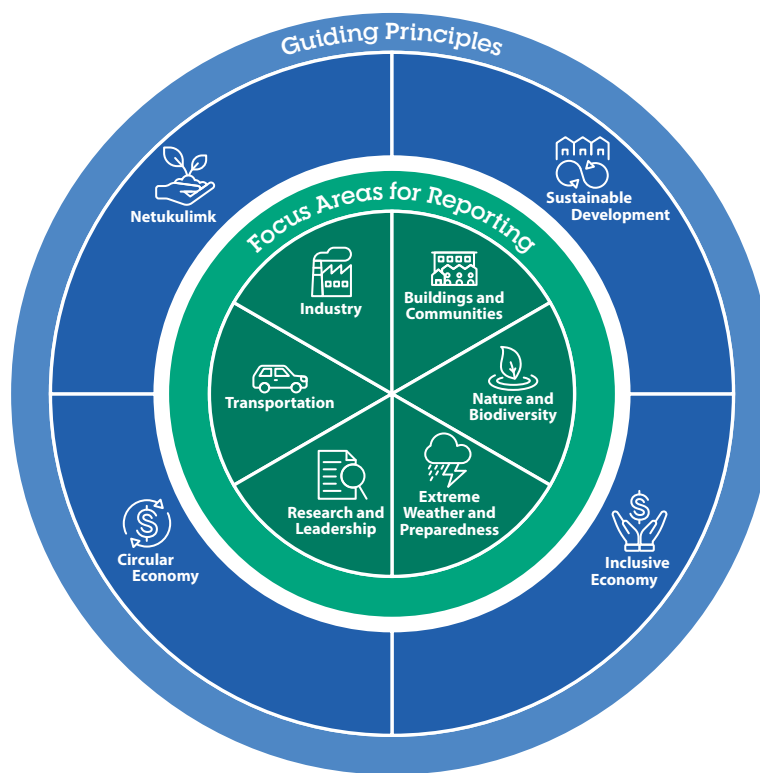
Net-Zero Carbon Act

In accordance with Section 9(5) of the Net-Zero Carbon Act ('the Act') adopted in 2020, the Minister's Annual Report on Climate Change Risks and Progress Toward Targets shall be tabled in the Fall sitting of the Legislative Assembly each calendar year. Further, Section 7(1) of the Act sets out the following targets:

- By 2030 and for each subsequent calendar year, PEI greenhouse gas emissions will be less than 1.2 megatons of carbon dioxide equivalent per year; and
- By 2040 and for each subsequent year, PEI greenhouse gas emissions will be at a level where carbon neutrality is achieved.

Guiding Principles and Legislation

The long-term objective of the Province is to achieve sustainable prosperity. The Net-Zero Carbon Act recognizes sustainable prosperity as both a shared responsibility and necessity for all government departments within the context of a changing climate. To ensure climate action is contributing to the Province's long-term objective, efforts should be built upon the guiding principles depicted to the right.



2040 Net-Zero Framework

In February 2022, the Province of PEI released the **2040 Net-Zero Framework** which sets the province on the path to achieve its vision to become Canada's first Net-Zero province by 2040. **The Framework breaks down the overarching goals into sectoral goals and emissions reduction targets through the following six distinct pillars:**



PILLAR 01
Transform the Way
People and Goods Move



PILLAR 02
Transition to Efficient
and Cleaner Buildings



PILLAR 03
Shape Agriculture for
PEI's Transition to Net-Zero



PILLAR 04
Remove Carbon Through Forestry,
Technologies and Emerging Opportunities



PILLAR 05
Create a Clean Industry
and Waste Advantage



PILLAR 06
Inspire Transformational Change
Through Leadership and Engagement

Provincial Climate Adaptation Plan

In October 2022, the Province of PEI released the **Provincial Climate Adaptation Plan (2022)**. The plan provides a strategic roadmap for the province to better prepare for the future while lessening climate change's impacts on people living on PEI. **The plan contains 28 actions under the following six pillars affecting all government departments along with Island residents and communities:**



PILLAR 01
Disaster Resilience and Response



PILLAR 02
Resilient Communities



PILLAR 03
Climate-ready Industries



PILLAR 04
Health and Mental Well-being



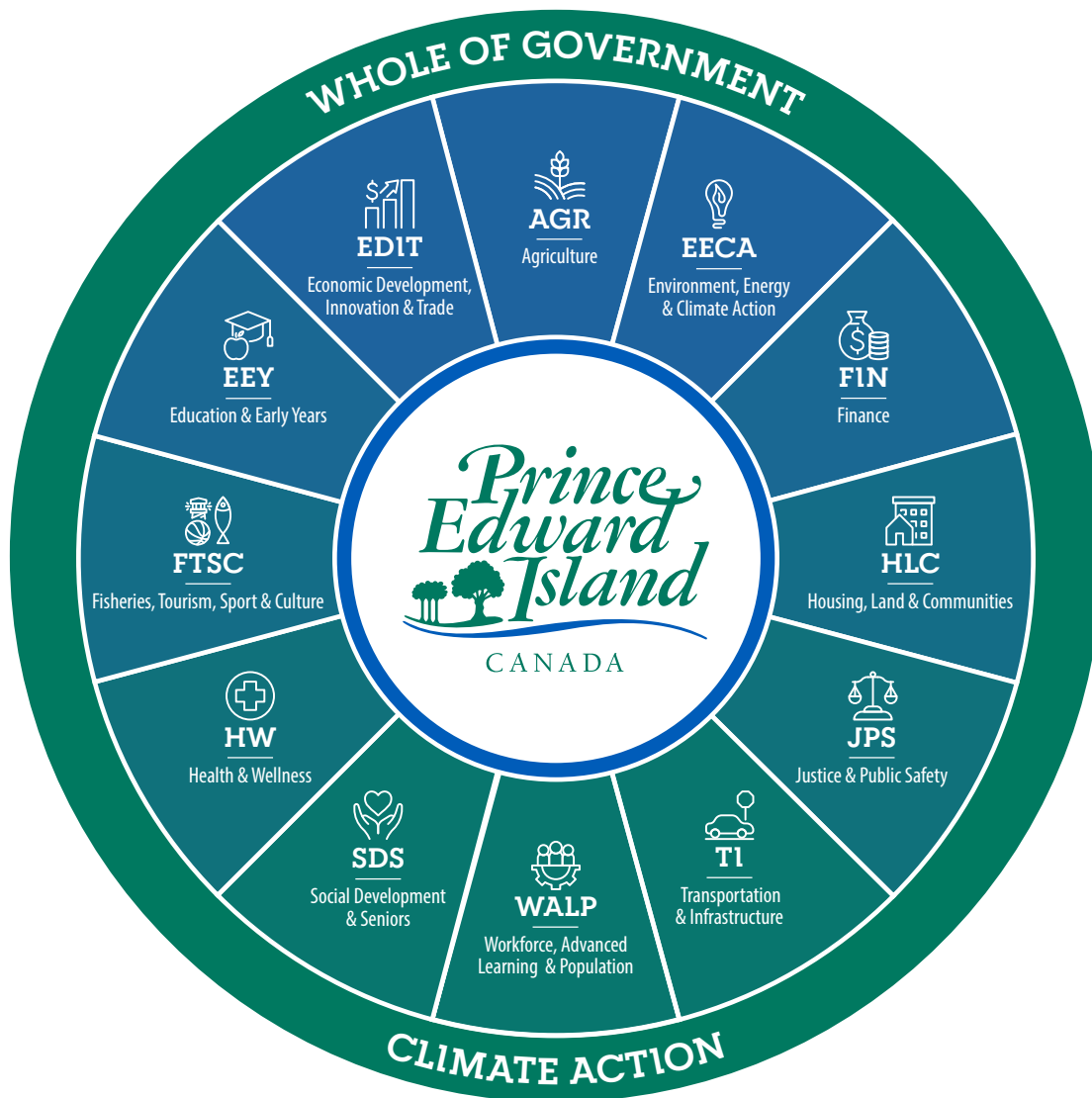
PILLAR 05
Natural Habitat and Biodiversity



PILLAR 06
Knowledge and Capacity

Whole-of-Government Approach

The Province of PEI goes beyond any other government in Canada in establishing climate change as a whole-of-government priority. Climate change impacts all sectors and climate action responsibility is distributed across all provincial portfolios, supported by departmental Climate Change Coordinators. Decentralizing climate action across government enhances the Province's capacity to adapt and respond to climate change.



The Province strives to take actions which will build PEI's ecological, economic and social resilience to withstand the impacts of climate change, while also achieving our net-zero goals. This means adopting strategies that can reduce our greenhouse gas emissions and our vulnerability to climate change at the same time.



Progress to Net-Zero Targets

Bold and innovative action is needed to achieve PEI's Net-Zero targets and build a sustainable and prosperous Prince Edward Island.

The Government of PEI relies on the Environment and Climate Change Canada (ECCC) National Inventory Report (NIR) on Greenhouse Gas Sources and Sinks in Canada for its official provincial emissions data across all sectors. The NIR uses an internationally accepted methodology that remains the most accurate resource available for federal, provincial, and territorial emissions data. The latest NIR (2025) includes information on national, provincial, and territorial greenhouse gas (GHG) emissions from 1990-2023.

Key findings from the NIR (2025) include:

- GHG Emissions in Prince Edward Island were **1.592 megatonnes (Mt)** during the data year (2023), representing a 0.9% decrease (**-14,124 tonnes**) over the previous year (2022); and
- PEI's per capita emissions were 9.2 tonnes during the data year (2023).

Prince Edward Island has now achieved a third consecutive year of declining greenhouse gas emissions, despite a population increase of 16.65% over the same time-period. The Province's total annual emissions have been on a slight and steady decline since 2021.

We are 75% of the way to achieving the 2030 target, demonstrating the effectiveness of ongoing mitigation efforts. However, a further reduction of 0.392 Mt is still required to meet the 2030 target of 1.2 Mt.

We are 32% of the way to achieving the 2040 target.

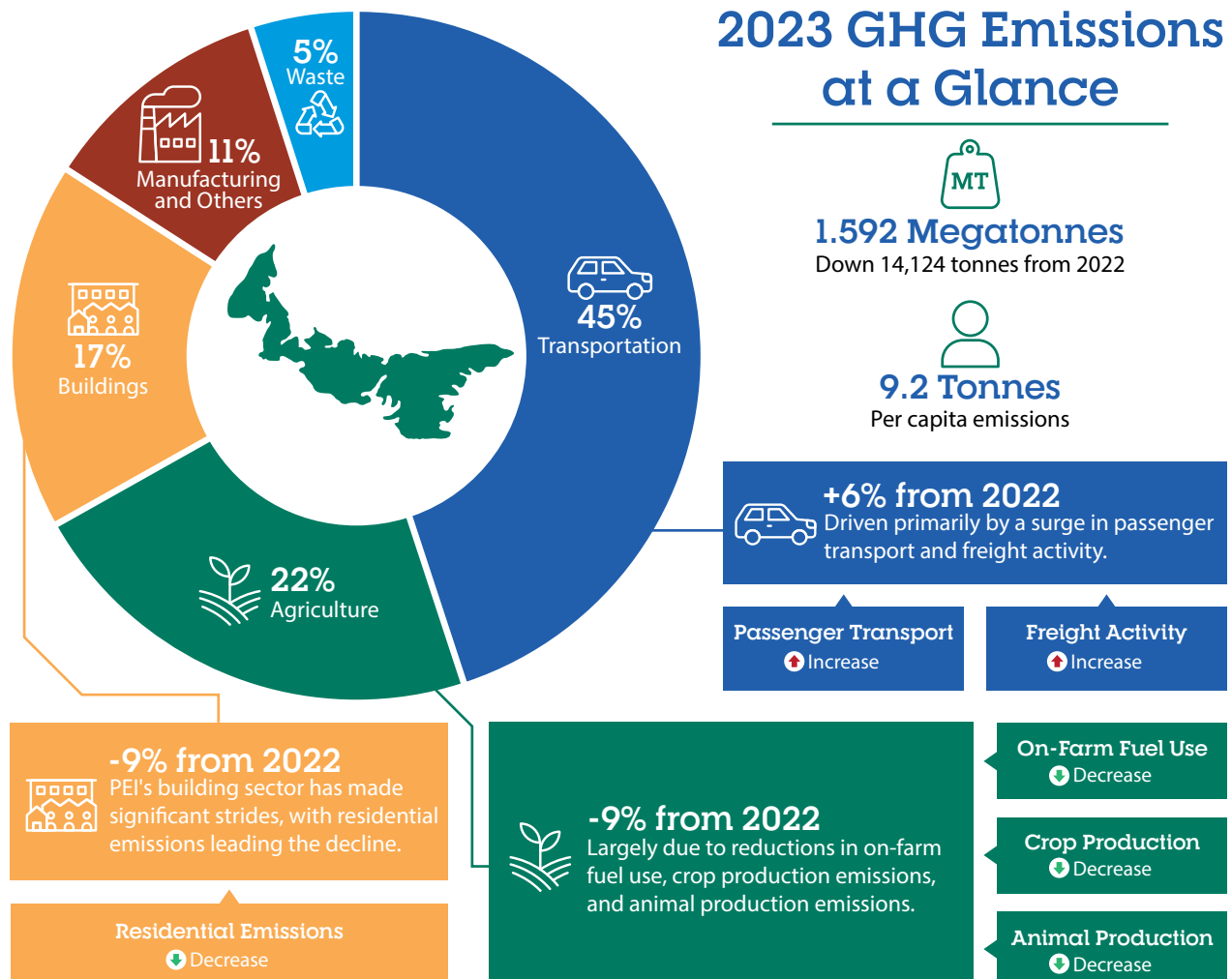
The Net-Zero Action Plan, planned for release in Spring of 2026, will be a critical piece in identifying targeted mitigation policies to close the gap to 2040.

In recent years, PEI's ambitious targets and legislative reporting requirements on progress toward targets has led to a need for some independent exploration of historical and projected emissions data. In response, the Government of PEI has worked with Navius Research and their proprietary energy-economy modelling software (gTech) to develop estimates for all sources of emissions tracked by NIR from 2015-2035 to better understand how provincial mitigation policies impact emissions projections.

PEI's GHG emissions for key years (Mt CO₂e)

Type	NIR		Navius Projections (Current Policy)					
	2005	2023	2024	2025	2026	2027	2030	2035
Energy-related	1.44	1.18	1.15	1.12	1.1	1.08	1.01	0.86
Non-energy related	0.45	0.41	0.40	0.40	0.39	0.39	0.38	0.38
Total	1.90	1.59	1.55	1.52	1.49	1.47	1.40	1.23

Sources: (1) Environment and Climate Change Canada's 2025 National Inventory Report. (2) Navius analysis using gTech. Please note that results for 2024, 2026 and 2030 are interpolated between years. Energy-related emissions are due to the combustion of fossil fuels. Non-energy emissions (i.e., the difference between "total" and "energy") include industrial processes and product use, agriculture, and waste.



Climate-Related Expenditures

In 2024-25, Government spent an estimated \$266,602,000 on actions dedicated to reducing greenhouse gas emissions and managing PEI's climate change risk.

These investments span across departments and are summarized in key categories related to the Net-Zero Framework and Provincial Climate Adaptation Plan.

OPERATING INVESTMENTS

	Forecast 2024-25	Estimates 2025-26
Industry	\$16,378,800	\$14,577,900
Buildings and Communities	\$85,094,700	\$78,577,080
Nature and Biodiversity	\$18,701,400	\$19,870,600
Research and Leadership	\$3,707,500	\$9,076,900
Transportation	\$17,449,500	\$9,771,000
Extreme Weather Preparedness and Recovery	\$2,605,900	\$599,500
TOTAL	\$143,937,800	\$132,472,980

CAPITAL INVESTMENTS

	Forecast 2024-25	Estimates 2025-26
Buildings and Communities	\$90,343,000	\$96,871,000
Transportation	\$31,525,800	\$28,743,000
Extreme Weather Preparedness and Recovery	\$795,300	\$1,704,000
TOTAL	\$122,664,200	\$127,318,000
GRAND TOTAL	\$266,602,000	\$259,791,000

*Budget forecasts and estimates were collected from respective departments and represent the most up to date information at the time of writing this report.

**Some actions are cost-shared with the federal government and/or other organizations. The forecasts and estimates provided represent the total budget of those actions including GPEI costs.

*** PEI Energy Corp expenditures are reported in their annual report and are excluded here.

Federal Contributions

While the Province's spending on climate action is substantial, many of the programs and projects also rely on a federal cost share.



Climate Action

This section offers key highlights of provincial climate actions taken across various domains during the 2024-25 fiscal year, as well as actions underway or planned for the 2025-26 fiscal year.

This includes actions taken to manage climate risks and adapt to a changing climate (climate adaptation), as well as those taken to reduce Greenhouse Gas (GHG) emissions (climate mitigation). These actions have been guided by the goals set out in the Province's 2040 Net-Zero Framework (2022) and actions set out in the Province's Climate Adaption Plan (2022).

This work requires a whole-of-government effort. For a comprehensive look at all actions taken in the 2024-25 fiscal year and planned for the 2025-26 fiscal year, including which provincial government departments contributed to the actions highlighted below, please refer to the **Supporting Materials**.

The changing climate will affect the natural, built, and social environments on Prince Edward Island, so our approach to climate action must be equally holistic. Enhancing the quality of people's lives is the core objective of climate mitigation and climate adaptation initiatives. This goal is the common thread through actions taken to strengthen our built communities, social support networks, and natural environment. Through research and leadership on climate action, PEI continues to assert its ability to drive investment and innovation in a variety of sectors. Through extreme weather and emergency preparedness, the Province is working to ensure that communities have access to the tools and knowledge that build resilience to climate events. Empowering individuals with the knowledge, connections, and tools to take climate action allows for communities to maintain their unique strengths and define their own goals in the context of a changing climate.

“

The changing climate will affect the natural, built, and social environments on Prince Edward Island, so our approach to climate action must be equally holistic.

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Climate Action - Industry

Net-Zero Framework

Priority areas for investment in climate mitigation across industry are outlined in Pillars 3 and 5.

Provincial Climate Adaptation Plan

Priority areas for investment in climate adaptation in industry are outlined in Pillar 3.

Much of PEI's industry-related greenhouse gas emissions impact is associated with agriculture and the built environment. To achieve GHG emission reduction targets in the industrial sector, strong partnership between industry and government is required. Environmental efforts must also be balanced with sustainable economic growth. Building industry resilience to climate impacts and supporting climate-sensitive livelihoods remain key areas of focus.

The following are Industry sector highlights of provincial investments from 2024-25



- Supported the Clean Foundation's Clean Leaders Program which coordinated summer internships for 15 youth seeking careers in the clean economy.
- Diverted 62,093 tonnes of waste material from the province's landfill (excluding material sent to private recycling markets and waste diversion activities) through Island Waste Management Corporation's (IWMC) regular annual operations.
- Produced 9,124 tonnes of 'Category A' compost at the Central Compost Facility.
- Processed 24,188 tonnes of waste at the PEI Energy Systems facility.
- Continued to support the Atlantic Fisheries Fund (AFF) and Aquaculture Technology Adoption Program (A-TAP).
- Conducted a Behavioural Insights review of the Community Energy Solutions program which involved market research with participating commercial businesses and resulted in numerous program improvements.
- Funded 50+ positions for over 18 watershed organizations on PEI through the Post-Secondary Student Program.
- 8 projects funded through the Cleantech Research and Innovation Grant Program.
- Contributed to the Federation of Agriculture's Climate Adaptation Plan (2024) which identifies primary strategies to increase resilience in the Agriculture Industry.
- Facilitated the Mussel Monitoring Program, Oyster Monitoring Program, Lobster Resource Monitoring Program, and Oyster Growth Programs to support the seafood industry.
- Enhanced awareness and networking opportunities within the cleantech sector through the Cleantech Innovative Collaborations event which hosted over 119 attendees.
- Maintained approximately 433 hectares of forested land through the Forest Enhancement Services (FES) harvesting, thinning, and maintenance practices.

*31 Community Energy Efficiency Program projects, 147 Business Energy Rebates Projects

Climate Action - Buildings and Communities

Net-Zero Framework

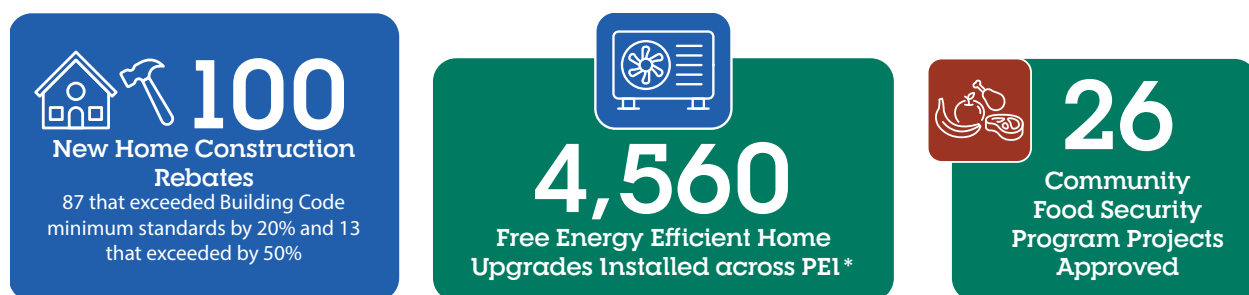
Priority areas for investment in building and communities related climate mitigation are outlined in Pillar 2.

Provincial Climate Adaptation Plan

Priority areas for investment in climate adaptation in buildings and communities are outlined in Pillars 2 and 4.

The Province recognizes the importance of strengthening our communities while making smart choices to ensure our sustainable future. Ensuring that the places where people grow up, work, live, and come together are energy efficient and resilient to climate change is critical to the strength of our communities. Emissions from buildings continue to decrease despite increases in population, residential investments, and new home construction. Continued support to communities around how to best develop and adapt existing infrastructure to be climate resilient remains vital.

Highlights in the domain of Buildings and Communities from 2024-25 by the Province include:



- Released the Provincial Population Framework, which includes a section on land-use planning and Environmental Sustainability.
- Commenced Phase 1 of the Hillsborough Park Community Development Project.
- Connected vulnerable Islanders to programs and services across departments through Support Coordinators and Seniors Navigators and the Seniors Guide.
- Constructed 2 new energy efficient buildings for Child and Family Services.
- Opened Sherwood Elementary School, PEI's first fully electric, net-zero ready school that includes a geothermal energy system, a 100-kilowatt rooftop solar array, triple-pane windows, and electric vehicle charging stations.
- Surveyed PEI youth in grades 7-12 through the COMPASS survey and found that they reported a reduction in eco-anxiety for the third consecutive year.
- Scored 2nd on the Canadian Energy Efficiency Score Card¹ (tied with Quebec).
- Served 1263 clients through the Winter Warming Program.
- Improved insulation for 746 homes through the Home Insulation Rebate program.
- 1,117 homes installed Solar Electric systems through the Solar Electric Rebate program.
- Completed 2,796 energy efficient equipment rebates.
- Rebated 37,356 energy efficient appliances in-store through the Instant Savings Program.
- Installed 21 heat pumps in social housing units.

1 <https://scorecard.energycanada.org/>

* Through the Net-Zero Free Programs and Oil to Heat Pump Affordability Program

CLIMATE ACTION - BUILDINGS AND COMMUNITIES

- Launched the Oil to Heat Pump Affordability Program and retrofitted 1,675 homes through the program.
- Issued a Request for Proposals for the Demand Side Management Pilot and Implementation.
- Launched the PEI Code Acceleration Fund to support the adoption of higher building code tiers.
- Continued the Residential Unit Development Incentive (RUDI) program for multi-Unit Residential Buildings.
- Completed a residential Home Energy Labelling pilot.



Sherwood Elementary Net-Zero School opening

Climate Action - Transportation

Net-Zero Framework

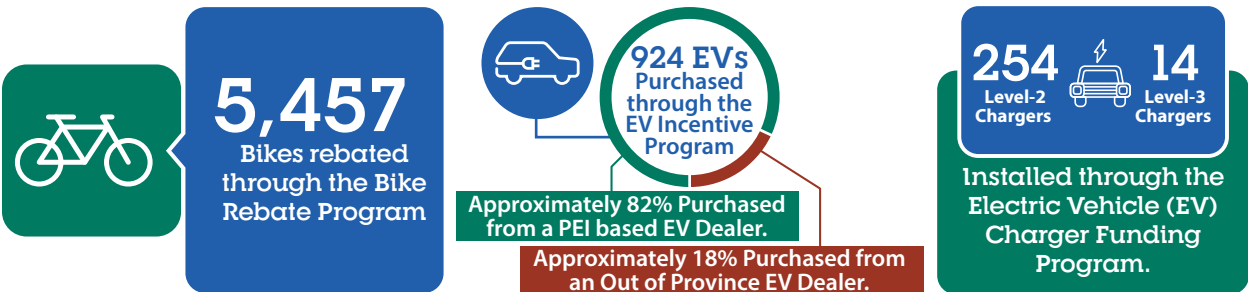
Priority areas for investment in transportation related climate mitigation are outlined in Pillar 1.

Provincial Climate Adaptation Plan

Priority areas for investment in climate adaptation in transportation are outlined in Pillar 2.

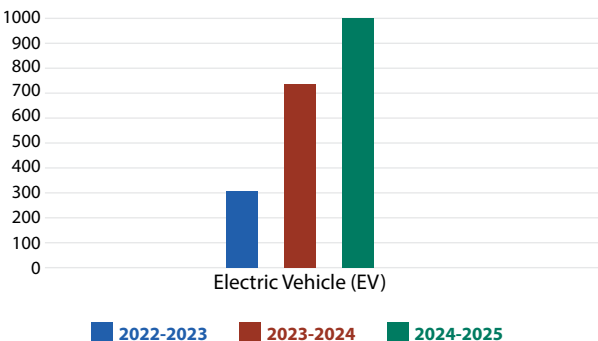
Making electric vehicles more affordable, shifting to renewable fuels, investing in charging infrastructure, and prioritizing lower-cost resilient avenues for active transportation and transit remain a priority. Ensuring our transportation investments can withstand climate impacts continues to be important.

Highlights in Transportation from 2024-25 include:



- 143,346 rides taken on the rural public transit service.
- The Cavendish Summer Shuttle service, operating routes between Charlottetown/Cavendish and Summerside/Cavendish, saw ridership increase to over 10,359 one-way trips (from 6,221 two years prior).
- Tracked a daily average of 214 active transportation users on the Hillsborough Bridge, 100 daily AT users on the North River Bridge, and 145 daily AT users in East Royalty over the summer months (May - September).
- Funded 30 Active Transportation projects across PEI through the Active Transportation Fund.
- Continued to offer the PEI EV Universal Incentive program – 920 BEV/PHEV rebates were accessed this year.
- Installed an additional 52 EV Chargers (48 Level 2 and 4 Level 3) through the PEI EV Charger Funding Program.
- Paved 29 kilometers of road shoulders to improve access for active-transportation users.
- 739 e-bikes rebated through the PEI E-Bike Incentive Program.
- Reclaimed 20,000 tonnes of asphalt to resurface unpaved roads and shoulders to reduce reliance on imported materials and cut emissions.

Year Over Year Comparison of EV Rebates



Climate Action - Nature and Biodiversity

Net-Zero Framework

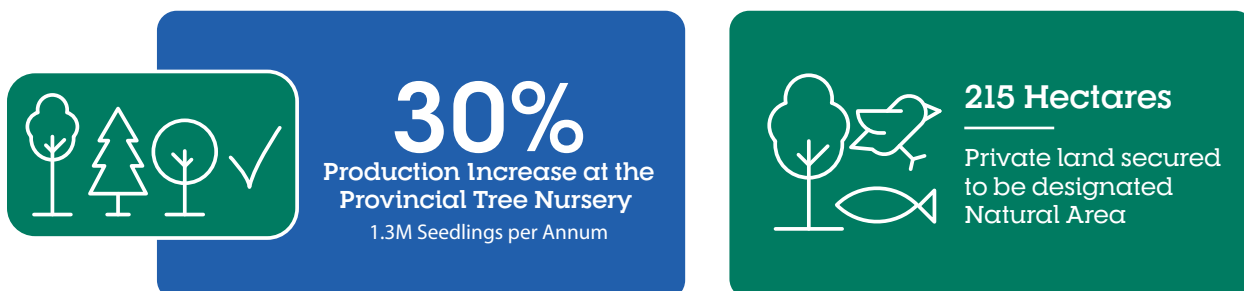
Priority areas for investment in nature and biodiversity related climate mitigation are outlined in Pillar 4.

Provincial Climate Adaptation Plan

Priority areas for investment in climate adaptation in nature and biodiversity are outlined in Pillar 5.

Protecting nature and preserving biodiversity and ecosystem functions is vital. These investments can help sequester carbon, protect needed habitat and existing infrastructure, as well as support our mental health and well-being.

Nature and Biodiversity highlights from 2024-25 by the Province include:



- Released the Post-Fiona Forest Update with information derived from ongoing forest resource inventory and modelling efforts.
- Initiated a new Carbon Budget Modelling Approach.
- Initiated a pilot project with the Government of Canada to develop Shoreline Management Plans for three regions on PEI (ICPR #1).
- Planted 145,190 trees on 48 hectares through the 2 Billion Trees Program and 633,700 trees through the Forest Enhancement Program (FEP).
- Acquired 58.27 hectares of land for conservation through the Buffer Zone Acquisition Program.
- Transitioned 21.7 hectares of private land into protected land under the Long-Term Expanded Riparian Buffer program.
- Prepared 432 Forest Management Plans through the Forest Enhancement Program (FEP).
- Salvaged approximately 600 hectares of Fiona damaged forested land through the Forest Enhancement Program (FEP).
- Retired and maintained 3,910 hectares of high risk annual cropland through the Alternative Land Use Services (ALUS) program, including riparian buffers and high slope cropland.
- Finalized the Habitat and Biodiversity Assessment Tool.
- Implemented over 20 projects aimed at improving conservation outcomes for species at risk and forest ecosystems through the Forested Landscape Priority Place (FLPP) for Species at Risk program.
- Completed 6 Environmental Impact Assessments.

Climate Action - Research and Leadership

Net-Zero Framework

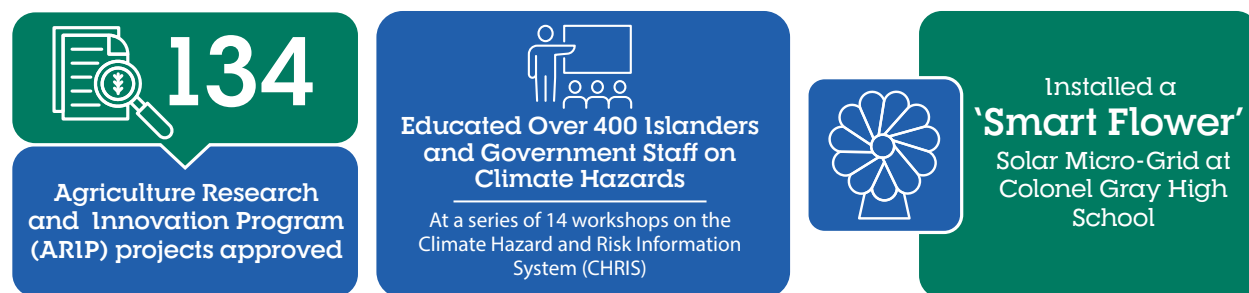
Priority areas for investment in research and leadership related to climate mitigation are outlined in Pillar 6.

Provincial Climate Adaptation Plan

Priority areas for investment in climate adaptation in research and leadership are outlined in Pillar 6.

Research and leadership play an essential role in achieving emissions reductions while also building a resilient place to live, work, and play. The Province is focused on strengthening existing relationships with Indigenous leaders and communities, various levels of government, business and industry, and on establishing new collaborations within the province, nationally and internationally.

Highlights in Research and Leadership in climate action from 2024-25 by the Province include:



- Integrated climate change and environmental sustainability into the education system through new curriculum development, professional development, and hands-on learning initiatives.
- Conducted a comprehensive Woodlot Owner Survey that received over 850 responses from small, medium, and large woodlot owners on PEI. Survey data will provide valuable information on how PEI woodlot owners value and manage their land.
- Continued participation and representation from all departments and a growing number of divisions at the Climate Change Coordinator's (CCC) table. CCCs attended two in-person learning sessions on the topics of Energy Poverty and Strategic Approaches to Policy Development.
- Led by CLIMATlantic, six GPEI employees participated in the Climate Adaptation and Resilience Training program (CART), which is working to help fill growing employment needs in climate adaptation across the Atlantic region.
- Developed an updated version of the Coastal Impacts Visualization Environment (CLIVE) software.
- Funded 15 projects contributing to progress on the province's adaptation and mitigation goals through the Climate Challenge Fund.
- Conducted an online Coastal Property Owner Survey that received over 1,500 responses from coastal property owners with information on their primary concerns and values as well as their understanding of coastal hazards.
- Launched the Sustainable Business Leadership Program and the Masters of Cleantech Leadership degree program through a partnership between the Cleantech Academy and the Island's post-secondary institutions.
- Continued updates to the Air Monitoring Hub and Air Quality Monitoring Program to communicate air quality data and information.
- Maintained the Water Registry to communicate water quality and quantity information.

CLIMATE ACTION - RESEARCH AND LEADERSHIP

- Developed new agriculture web and GIS based system for climate/pest prediction.
- Increased capacity in the newly established Agriculture Climate Adaptation Section by staffing the section with 3 new FTE positions: Manager, Agriculture Program Officer, and Agriculture Energy System Specialist.
- Continued advocacy at the federal level related to climate change and the environment with a focus on infrastructure priorities, sustainable renewable energy, decarbonizing the economy, addressing energy efficiency and ongoing climate action.



Cleantech Innovative Collaborations event April 4th, 2024



Energy Poverty Workshop led by Efficiency Canada



Governments of Canada and PEI Announcing Strengthened Energy Affordability Programming for PEI

Climate Action - Extreme Weather and Preparedness

Net-Zero Framework

Pillars 3 and 4 contain goals which align with extreme weather and emergency preparedness.

Provincial Climate Adaptation Plan

Priority areas for investment in climate adaptation in extreme weather and preparedness are outlined in Pillars 1 and 4.

Extreme weather events occur more often due to climate change and directly impact homes, workplaces, essential services, and the natural and built infrastructure in our communities. Investing in the ability of infrastructure and other assets to withstand these impacts ensures residents' safety and access to emergency and essential services. Alignment of extreme weather and preparedness efforts with climate mitigation actions is key to ensuring a sustainable future for Islanders.

Extreme Weather and Preparedness highlights from 2024-25 by the Province include:



- Completed 716 Coastal Hazard Assessments which is an increase in over 93% of requests over the previous year following targeted outreach about the availability of the service.
- Developed and completed testing for a minimum viable product for a Finance Emergency Payment System.
- Continued to do precautionary and proactive checks for fuel and functionality through ITSS, alternate sources of power prior to an anticipated event, and annual checks of backup equipment. Province-wide investments in uninterrupted power supply (UPS) equipment for critical infrastructure is expected to continue.
- Launched a comprehensive public-outreach campaign on the topic of coastal hazards. Activities included: a direct mail-out to over 17,000 coastal property owners, digital, print, and radio promotion and transit advertisements with information about coastal hazards and supportive resources available.
- Transportation and Infrastructure staff were trained on how and when to request coastal hazard assessments and began integrating CHAs into projects during the planning phase.
- Developed the Reception Centre Map online application and funded a number of municipalities and not-for-profit organizations.
- Partnered with retail gas stations across the Island to support the purchase of back-up power generators to ensure over 80% of gas stations can stay open to provide fuel during a power outage.
- Provided to-go kits for foster families who may be displaced by weather emergencies.
- Continued to support the development of Business Continuity Plans for residential NGOs that serve persons with disabilities to ensure they are able to address climate emergencies.
- Delivered the Fiona Recovery Program.

Carbon Abatement Cost of Programs

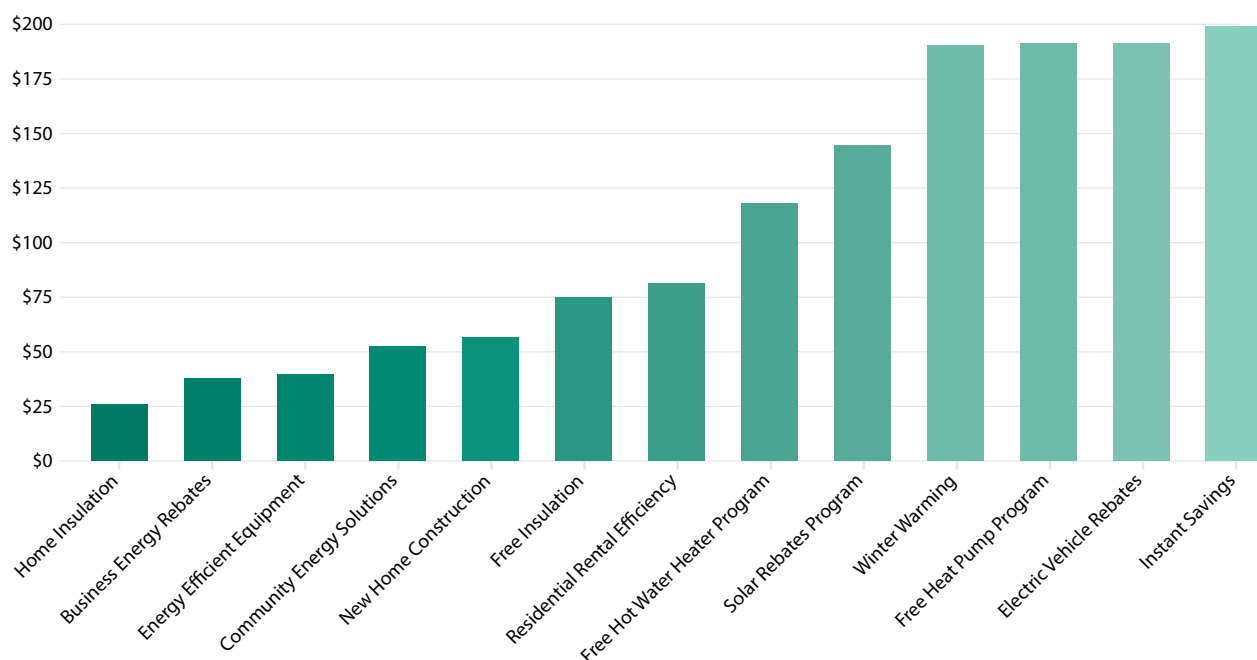
The carbon abatement cost of an energy efficiency program is calculated by determining the expense associated with reducing one tonne of greenhouse gas (GHG) emissions.

Annual GHG savings, program costs¹ and the average life-span of the efficiency intervention supplied by the program are used to complete the calculation.

This is one way of understanding the value or effectiveness of a program, however, it does not capture the social and economic co-benefits of a program, which can be much harder to measure.

The lower the abatement cost, the more cost effective a program is in terms of reducing greenhouse gas (GHG) emissions. The graph below demonstrates the cost per 1 tonne of CO₂e reduction for each program.

Carbon Abatement Cost for PEI Energy Efficiency Programs 2024-2025



¹ In this case, program cost only includes cost to government to run the program and does not include any recipient portion of the expenses.

The table below shows the data used to calculate carbon abatement cost of programs for PEI's energy efficiency programs during the 2024–2025 period:

Program	Weighted Average Measure Life	Annual GHG Savings	Annual Program Costs	Updated Abatement Cost
Home Insulation	23	2,271	\$1,218,638	\$23
Business Energy Rebates	18	484	\$327,615	\$38
Energy Efficient Equipment	18	6,461	\$4,441,773	\$38
Community Energy Solutions	15	651	\$504,502	\$52
New Home Construction	30	168	\$283,498	\$56
Free Insulation	23	4,861	\$8,288,288	\$74
Residential Rental Efficiency	18	1,855	\$2,683,085	\$80
Free Hot Water Heater Program	14	201	\$331,195	\$118
Solar Rebates Program	25	2,851	\$10,264,829	\$144
Winter Warming	8	366	\$557,465	\$190
Free Heat Pump Program	18	2,095	\$7,213,830	\$191
Electric Vehicle Rebates	13	1,690	\$4,205,366	\$191
Instant Savings	7	521	\$902,472	\$199



Climate Change Risks

A formal island wide evaluation of climate risk was not conducted during the 2024–25 fiscal year. In its place, the Province focused on raising public awareness, expanding education, and supporting research to strengthen understanding of climate hazards identified in the 2021 PEI Climate Change Risk Assessment. Planning is underway to carry out a comprehensive risk assessment in the coming year.

Throughout 2024–25, targeted investments were made to enhance climate resilience by sharing information from the PEI Climate Change Risk Assessment (2021) through outreach, data-sharing, and applied research. Public engagement efforts included community workshops, educational outreach, social media campaigns, public presentations, and partnerships with local organizations. These initiatives aimed to build a shared understanding of climate risks and encourage action among residents, decision-makers, and industry.

In addition to outreach, the Province continued investing in applied studies to improve understanding of climate hazards and their impacts. The data and resources developed this year will support informed decisions and provide a strong foundation for future research.

Additional progress towards understanding climate risks facing the Province in 2024-25 included:

- The Department of Transportation and Infrastructure held a staff workshop and training on coastal hazards and now integrates Coastal Hazard Assessments into public infrastructure projects, improving resilience planning.
- The Department of Environment, Energy and Climate Action partnered with Lennox Island First Nation to begin development of a shoreline management plan.
- The Department of Health and Wellness secured federal funding to develop a Heat Alert Response System for PEI that involves heat surveillance through data collection on heat related illness and geo-spatial mapping of high-risk areas.
- The Department of Justice and Public Safety launched an online map of reception centres detailing locations and operating hours during an emergency. The Department also established a fuel station resiliency program which supports gas stations and service stations with generators to continue services during large-scale power outages.
- The Department of Fisheries, Tourism, Sport and Culture released the PEI Seafood Sector Adaptation Strategy outlining measures to improve the sector's ability to withstand the impacts of climate change.



Net-Zero Advisory Committee

The Net-Zero Advisory Committee ('the Committee') is a group of individuals appointed by the Minister of Environment, Energy and Climate Action ('the Minister') with a legislated mandate to provide advice to the Minister based on diverse experience, knowledge, and evidence with respect to climate change matters.

Throughout the 2024-25 fiscal year, the Committee held five meetings on diverse topics related to climate change. A highlight of the committee was having action research director from 'Efficiency Canada' facilitate a session on energy poverty in PEI. This session, and others that were held over the course of the year, focused on measurement and evaluating progress to targets and discussions on the numerous co-benefits of energy efficiency beyond emissions reduction.

The Committee emphasized the ongoing strengths and willingness of communities across Prince Edward Island to support each other when faced with complex challenges. This persistent resilience at the community level is essential to effectively navigate the environmental and societal impacts of climate change. With this in mind, the Committee recommended the following priorities:

- **Energy Insecurity** – Members felt strongly that the Province must prioritize efforts to evaluate the current state of energy use and electrical system capacity on Prince Edward Island. This process should include efforts to gain a comprehensive understanding of how the system is impacting residents at the household level. The Committee recommends establishing a definition for energy insecurity on Prince Edward Island and a corresponding set of metrics that will allow the Province to set clear policy priorities around this issue and evaluate progress.
- **Wetland Conservation and Protection** - The Committee identified the ongoing efforts to develop a provincial land-use plan and coastal policies as valuable opportunities and that the current government must embed wetland protection as a policy priority moving forward.
- **Collaboration with First Nations** - First Nations communities have demonstrated strong leadership on community-scale energy and coastal-resilience projects. More opportunities to meaningfully engage and collaborate on projects with First Nations communities was recommended as a clear opportunity to enhance overall climate resilience.
- **Sustainable Transportation** – The Committee supports a comprehensive review of existing public transportation system(s) with the intention of identifying practical, innovative solutions that support climate, workforce, and population priorities. The Committee recommended continued effort to develop innovative solutions to transportation challenges, in support of climate goals, workforce development, and accessibility for Islanders.
- **Green Economy Workforce Development** - The Committee recommends exploring opportunities to enhance competitiveness, build capacity, and diversify the workforce through education and training programs to create an enabling environment for a just net-zero transition that leaves no community behind.

The Committee recognizes that Net-Zero efforts must connect to other priorities, such as affordability, community resilience, collaboration with First Nations, livelihoods and workforce development, and ecological integrity.

In the 2025-26 fiscal year, the committee will advise on the development of both the Net-Zero Action Plan and the Provincial Energy Strategy. The Committee will also be seeking new members to replace members whose terms will be coming to an end in January 2026.



Looking Ahead

Many climate actions noted within this report are ongoing and require sustained effort.

New actions are planned for the 2025-26 fiscal year that will continue to help us adapt as an Island community to growing climate risks and contribute to progress toward emissions targets. These plans are reflected in the **Supporting Materials 'Action Planned' column**. Some highlights anticipated for 2025-26 include, but are not limited to:

- Release the Provincial Energy Strategy and continue extensive engagement and final development of the first in a series of five-year Net-Zero Action Plans.
- Development of a Heat Alert Response System for PEI.
- Continuing to support community-led climate action through climate-related funding programs such as, the Climate Challenge Fund and the Active Transportation Fund.
- Plans to integrate assessments of climate hazards and risks early on in the development process of new projects to enhance the resilience and longevity of our public infrastructure.
- Increase the supply of local food through season extension structures, efficiency improvements, and crop storage solutions through the launch of the Horticulture Diversification program.
- Enhance the online Climate Hazard and Risk Information System by adding 7-9 new features and raise awareness of the tool through continued outreach efforts.
- Begin extensive Land-Use Plan engagement across PEI.
- Develop shoreline management plans for a number of coastal communities.
- Supporting the Tourism Industry Association (TIA) in conducting a Climate Risk Assessment for the Tourism Industry.
- Continue implementing recommendations within the Seafood Sector Adaptation Strategy and the Agriculture Sector's Adaptation Strategy.
- Expand system functionality of Finance Emergency Payment System to launch Version 2.0.
- Release a Cleantech Profile Survey to improve understanding of the provincial strengths and challenges in the sector to improve government support.







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Minister's Report on Climate Change

Risks and Progress Toward Targets 2024-2025

Supporting Materials



Table of Acronyms

AFF	Atlantic Fisheries Fund
AGR	Department of Agriculture
ALUS	Alternative Land Use Services
AT	Active Transport
ATF	Active Transportation Fund
CCF	Climate Challenge Fund
CCOPP	Cabinet Committee on Policy and Priorities
CHC	Community Health Center
CHRIS	Climate Hazard & Risk Information System
CLIVE	Coastal Impacts Visualization Environment
CPHO	Canadian Public Health Organization
CEA	Controlled Environment Agriculture Program
DMAF	Disaster Mitigation and Adaptation Fund
ECO	Executive Council Office
EDIT	Department of Economic, Development, Innovation and Trade
EECA	Department of Environment, Energy and Climate Action
EEY	Department of Education and Early Years
EMO	Emergency Measures Organization
FFW	Forests, Fish and Wildlife
EFP	Environmental Farm Plans

FIN	Department of Finance
FTSC	Department of Fisheries, Tourism, Sport and Culture
GIS	Geographic Information System
HBAT	Habitat and Biodiversity Assessment Tool
HLC	Department of Housing, Land and Communities
HW	Department of Health and Wellness
IPEI	Innovation PEI
iZEV	Incentives for Zero-Emission Vehicles
JPS	Department of Justice and Public Safety
KCMH	Kings County Memorial Hospital
LCR	Low Carbon Resilience
NGO	Non-Governmental Organization
NZA	Net-Zero Atlantic
PEIEC	PEI Energy Corporation
PEIMSO	PEI Marine Science Organization
PSC	Public Service Commission
SDS	Department of Social Development and Seniors
TI	Department of Transportation and Infrastructure
RFP	Request for Proposal
WALP	Department of Workforce, Advanced Learning and Population



Climate Mitigation Actions - Net-Zero Framework



PILLAR 01

Transform the Way People and Goods Move

Goal	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
1.1	Reduce Reliance on Passenger Vehicles	<ul style="list-style-type: none"> 30 Active Transportation Fund (AT Fund) projects were approved for FY 2024/25 	<ul style="list-style-type: none"> 23 AT Fund Projects pending TB approval Seeking AT Fund program continuation for FY 2025/26 and into the future 	EECA TI
		<ul style="list-style-type: none"> Conducted province wide bike rack mapping survey 	<ul style="list-style-type: none"> Integrate findings from bike rack mapping survey 	EECA
		<ul style="list-style-type: none"> Provided 19 bike racks to various school, government owned buildings, and community organizations. 		TI
		<ul style="list-style-type: none"> PSC Bike to Work week 	<ul style="list-style-type: none"> Host another PSC "Bike to Work" week 	FTSC
		<ul style="list-style-type: none"> Active Transportation Network went to CCOPP and received favorable response 	<ul style="list-style-type: none"> Publication of the Active Transportation Network 	EECA TI FTSC
		<ul style="list-style-type: none"> Expanded transit service to North Shore and Cavendish from Charlottetown and Summerside, 7 days a week during July and August 	<ul style="list-style-type: none"> Transition the Summer Shuttle from a pilot to permanent service offering 	EECA TI
		<ul style="list-style-type: none"> Transit Subsidy 	<ul style="list-style-type: none"> Transit Subsidy 	EECA
		<ul style="list-style-type: none"> e-Bike Rebate Program - 752 rebates issued 	<ul style="list-style-type: none"> e-Bike Rebate Program (ongoing) 	EECA
		<ul style="list-style-type: none"> Bicycle Rebate Program - 5,837 bike rebates issued 	<ul style="list-style-type: none"> Bicycle Rebate Program 	EECA
		<ul style="list-style-type: none"> Social Programs provides bus passes to eligible clients and supports NGO transportation providers 	<ul style="list-style-type: none"> Social Programs will continue to provide bus passes to eligible clients and supports NGO transportation providers 	SDS

Goal	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
1.2	<i>Transition to Zero Emissions Vehicles</i>		<ul style="list-style-type: none"> Feasibility study to determine if Seniors Navigators can transition to using an electric fleet 	EECA
		<ul style="list-style-type: none"> Universal Electric Vehicle Incentive Program - 918 incentives processed; 503 BEV and 415 PHEV 	<ul style="list-style-type: none"> Universal Electric Vehicle Incentive Program - rebate being adjusted to \$4000 for BEV, \$2000 for PHEV but continued despite federal iZEV program completion as of June 2, 2025 	EECA
		<ul style="list-style-type: none"> EV Experience Tours (completed) 		EECA
		<ul style="list-style-type: none"> PEI EV Charger Funding Program - Program reached full capacity: all projects were completed by January 2025 	<ul style="list-style-type: none"> PEI EV Charger Funding Project 	EECA
		<ul style="list-style-type: none"> PEI Fast Charger Network Expansion - 3 charger installations ongoing (100-200 kW power) - Funding was provided for 48 Level 2 chargers and four Level 3 chargers 	<ul style="list-style-type: none"> PEI EV Charger Funding Project Complete installations of the first 3 fast chargers RFP has been awarded for 8 additional fast charger installations - Release additional RFPs to install the remaining 16 fast chargers 	EECA TI
		<ul style="list-style-type: none"> EV Heavy Duty Fleet Enhancements - Purchased an electric forklift replacing a 1992 propane forklift 	<ul style="list-style-type: none"> EV Fleet Enhancements 	EECA TI EEY
		<ul style="list-style-type: none"> EV Light Duty Fleet Enhancements - Purchased 8 hybrids, and one electric vehicle 	<ul style="list-style-type: none"> EV Light Duty Fleet enhancements (ongoing) 	EECA TI EEY



Goal	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
2.1	<i>Make Existing Homes and Buildings More Energy Efficient</i>	<ul style="list-style-type: none"> Winter Warming Program - 1263 clients received services 	<ul style="list-style-type: none"> Winter Warming Program 	EECA
		<ul style="list-style-type: none"> Home Insulation Rebates - 732 applications processed 	<ul style="list-style-type: none"> Rebates to assist with cost of home insulation, windows and doors are increased 40 per cent. 	EECA
		<ul style="list-style-type: none"> Solar Electric Rebate Program - 1,117 applications processed 	<ul style="list-style-type: none"> Solar Electric Rebate Program New incentive rate and a cap of \$5,000 for solar panels installed on residential properties. 	EECA
		<ul style="list-style-type: none"> Energy Efficient Equipment Rebates - 2,796 applications processed 	<ul style="list-style-type: none"> Energy Efficient Equipment Rebates Heat pump rebates for residential properties reduced from \$1,200 to \$900 per mini split heat pump, and from \$2,400 to \$1,800 for income qualified applicants. 	EECA
		<ul style="list-style-type: none"> Free Home Insulation Program - 1568 installations completed 	<ul style="list-style-type: none"> Free Home Insulation Program 	EECA
		<ul style="list-style-type: none"> Free Hot Water Electrification Program - 118 installations completed 	<ul style="list-style-type: none"> Free Hot Water Electrification Program 	EECA
		<ul style="list-style-type: none"> Free Heat Pump Program - 1,199 installations completed 	<ul style="list-style-type: none"> Free Heat Pump Program 	EECA
		<ul style="list-style-type: none"> Home Energy Assessments 	<ul style="list-style-type: none"> Home Energy Assessments (ongoing) 	EECA
		<ul style="list-style-type: none"> Instant Savings - 40,933 units rebated 	<ul style="list-style-type: none"> Instant Savings 	EECA
		<ul style="list-style-type: none"> Community Revitalization Program for municipalities, non-profits and Band Councils 	<ul style="list-style-type: none"> Community Revitalization Program 	EECA HLC FTSC
		<ul style="list-style-type: none"> Energy Efficiency Equipment for Residential Rental Properties - 484 applications processed 	<ul style="list-style-type: none"> Energy Efficiency Equipment for Residential Rental Properties Program expected to close. 	EECA

Goal	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
2.1	<i>Make Existing Homes and Buildings More Energy Efficient (con't)</i>	<ul style="list-style-type: none"> Community Energy Solutions - 31 applications completed 	<ul style="list-style-type: none"> Strategic Energy Solutions for Business, Commercial, and Community Buildings (formerly Community Energy Solutions) Incentive increase expected (dependent on energy usage) 	EECA
		<ul style="list-style-type: none"> Public Infrastructure Projects with Mitigation Aspect - 15 projects underway 	<ul style="list-style-type: none"> Continue to integrate energy efficiency considerations into capital projects (new builds and renovations) 	EECA, TI FTSC, EEY, HLC
		<ul style="list-style-type: none"> Heat Pumps in Social Housing - 21 projects completed 	<ul style="list-style-type: none"> Continued expansion of heat pumps in social housing project 	EECA, TI HLC
		<ul style="list-style-type: none"> Oil to Heat Pump Affordability Program - 1675 homes retrofitted 	<ul style="list-style-type: none"> Oil to Heat Pump Affordability Program 	EECA
		<ul style="list-style-type: none"> Residential Unit Development Incentive (RUDI) for multi-unit residential buildings program encourages carbon footprint reduction 	<ul style="list-style-type: none"> RUDI program encouraging carbon footprint reduction 	FIN
		<ul style="list-style-type: none"> Energy Efficiency Loan Program 	<ul style="list-style-type: none"> Energy Efficiency Loan Program 	FIN

Goal	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
2.2	Construct More Efficient Homes and Buildings	<ul style="list-style-type: none"> New Home Construction Rebates <ul style="list-style-type: none"> - 100 applications processed that exceeded Building Code minimum standards by 20% - 13 applications processed that exceeded Building Code minimum standards by 50% 	<ul style="list-style-type: none"> New Home Construction Rebates <ul style="list-style-type: none"> Rebates increased and re-aligned to match national building code tiers 	EECA TI
		<ul style="list-style-type: none"> Public Infrastructure Projects (New Construction) Built to Net-Zero Ready Standard: Sherwood Elementary Stratford High School 	<ul style="list-style-type: none"> Continue designing and constructing new government buildings including housing, schools, health care facilities as highly energy efficient buildings exceeding the requirements of NECB 2020 	EECA TI EEY JPS HW HLC
		<ul style="list-style-type: none"> PEI Code Acceleration Project (year 1/3) <ul style="list-style-type: none"> - hired a building inspector and developed an RFP for a feasibility study on code adoption 	<ul style="list-style-type: none"> PEI Code Acceleration Project (ongoing) <ul style="list-style-type: none"> RFP will be awarded to determine the feasibility of adopting higher energy performance tiers of the National Building Code and to develop educational materials. Additional building officials will also be hired. 	EECA TI EEY HW HLC
2.3	Pilot and Scale-up Cost-effective Solutions	<ul style="list-style-type: none"> Installation of the Smart Flower Education Microgrid 		EECA TI EEY
		<ul style="list-style-type: none"> Cardigan School pilot (solar & geothermal) 	<ul style="list-style-type: none"> Continue Cardigan school retrofit to install 100kW solar array and a geothermal heating and cooling system 	EECA TI EEY



Goal	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
3.1	<i>Reduce Emissions from Crop and Livestock</i>	• Agriculture Stewardship Program	• Agriculture Stewardship Program	AGR
			• New best management practices added to support reduced tillage	AGR
			• Plant Tissue Survey to validate the sufficiency nutrient concentration for corn to optimize fertilizer applications	AGR
			• Research trials to improve fertility recommendations from PEI Analytical Labs to optimize fertilizer use	AGR
		• Continue to deliver grazing extension service to improve management of pastured livestock		AGR
		• Supported the PEI Federation of Agriculture to develop a carbon market access strategy supported by novel agri-environmental data collection systems		AGR

Goal	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
3.2	<i>Improve Soil Health and Ability to Absorb Carbon</i>	<ul style="list-style-type: none"> Alternative Land Use Services Program (ALUS) - 3910 hectare total enrolled: eligible lands (high slope, extended riparian buffer, field margins, wet areas) converted from annual cropland to perennial ecosystem 	<ul style="list-style-type: none"> Alternative Land Use Services Program (ALUS) 	AGR
		<ul style="list-style-type: none"> Soil Health Testing and Soil Health Improvement Planning Services 	<ul style="list-style-type: none"> Soil Health Testing and Soil Health Improvement Planning Services 	AGR
		<ul style="list-style-type: none"> Perennial Crop Development Program - 33 projects, 119 acres planted - Conversion of annual cropland to perennial crops: predominantly tree fruit and berries - Post-harvest processing and storage technologies to improve marketability of perennial crops 	<ul style="list-style-type: none"> Perennial Crop Development Program 	AGR
		<ul style="list-style-type: none"> Regenerative Perennial Agriculture Project - NatureSmart Climate Solutions Fund 	<ul style="list-style-type: none"> Regenerative Perennial Agriculture Project - NatureSmart Climate Solutions Fund 	AGR
3.3	<i>Accelerate Use of Advanced Agricultural Clean Technologies</i>	<ul style="list-style-type: none"> Agriculture Research and Innovation Program (ARIP) 	<ul style="list-style-type: none"> Agriculture Research and Innovation Program (ARIP) 	AGR
		<ul style="list-style-type: none"> Developed and launched the Agriculture Energy Systems Pilot Program - 61 projects approved across a wide range of industries 	<ul style="list-style-type: none"> Continue to deliver the Agriculture Energy Systems Pilot Program 	AGR
			<ul style="list-style-type: none"> With Holland College, develop and deliver a short course in agriculture energy auditing 	AGR
			<ul style="list-style-type: none"> Emerging Concepts and Technologies (ECT-PEI) Clean Technology Challenge 	NZA



PILLAR 04

Remove Carbon Through Forestry, Technologies and Emerging Opportunities

Goal	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
4.1	<i>Maintain What We Have</i>	• Forestry Field Services	• Forestry Field Services	EECA
		• Forest Resource Inventory and Modelling - Post Fiona Forest Update publicly released in August 2024 Initiating new Carbon Budget Modelling approach with CFS		EECA
		• Finalized the Habitat and Biodiversity Assessment tool and explored potential integration with Environmental Farm Plans	• Plans to launch the Habitat and Biodiversity Assessment Tool	AGR EECA
		• Soil Health and Conservation Initiatives	• Soil Health and Conservation Initiatives	AGR
		• Forest Fire Protection; 4 new student wildland firefighter positions filled; New offroad fire suppression vehicle, equipment, and PPE.		EECA
		• Environmental Land Management - 290ha acquired	• Continue to acquire land for protection and/or conservation	EECA
		• Industry Study to gauge harvest, silviculture, and processing capacity		EECA
		• Update to Ecosystem Based Forest Management Policy		EECA
		• Continued to offer the Forest Enhancement Program (FEP) resulting in 432 Forest Management Plans and 600 hectares of Post-Tropical Storm Fiona damaged forested lands salvaged		EECA

Goal	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
4.2	<i>Grow What We Need</i>	<ul style="list-style-type: none"> Tree Improvement Officer hired, renewed partnership and activity with Atlantic Tree Improvement Council 		EECA
			<ul style="list-style-type: none"> Release of revised Ecosystem Based Forest Management Standards Manual 	EECA
		<ul style="list-style-type: none"> Production at the Provincial Tree Nursery increased by 30%, reaching the seedling target of 1.3M per annum (3 new greenhouses completed and fully operational) 	<ul style="list-style-type: none"> Continued seedling production at Provincial Tree Nursery 	EECA
		<ul style="list-style-type: none"> Planted 145,190 trees on 48 hectares through the Two-Billion Trees Program 	<ul style="list-style-type: none"> Continued delivery of Two-Billion Trees Program 	EECA
		<ul style="list-style-type: none"> Planted 633, 700 trees through Forest Enhancement Services (FES) 	<ul style="list-style-type: none"> Continued tree planting through Forest Enhancement Services 	EECA



PILLAR 05

Create a Clean Industry and Waste Advantage

Goal	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
5.1	<i>Enable Cleaner PEI Businesses and Industries</i>	<ul style="list-style-type: none"> Inshore Fishing Fleet Sustainability Strategy 	<ul style="list-style-type: none"> Aquaculture Technology Adoption Program 	FTSC
		<ul style="list-style-type: none"> Community Energy Solutions - 31 applications completed 	<ul style="list-style-type: none"> Community Energy Solutions Incentives are based on energy savings as identified in free energy audits. There is a new range of \$25,000 up to \$75,000 depending on energy usage, up from a flat \$25,000 cap 	EECA
		<ul style="list-style-type: none"> Business Energy Rebates Program - 147 applications processed 	<ul style="list-style-type: none"> Rebates on energy efficient equipment for business, community, and commercial buildings increased, including air source heat pump rebate from \$600 to \$900. Rebates increased for lighting and packaged terminal heat pumps. 	EECA

Goal	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
5.1	<i>Enable Cleaner PEI Businesses and Industries (con't)</i>	<ul style="list-style-type: none"> Waste Reduction, Recovery, and Recycling <ul style="list-style-type: none"> Central Compost Facility produced 9,124 tonnes of Category A compost 24,188 tonnes of waste was processed at the PEI Energy Systems facility 62,093 tonnes of material was diverted from the landfill (number excludes material sent to recycling facilities and waste diversion activities) 		EECA
		• GHG Buyback Program	• GHG Buyback Program	EECA
		• CleanTech Research and Innovation Grant Program	• CleanTech Research and Innovation Grant Program	EDIT
		• Climate Challenge Fund	• Climate Challenge Fund	EECA
		• Aquaculture Futures Program	• Aquaculture Futures Program	FTSC
		• Atlantic Fisheries Fund including the third-party offered Aquaculture Technology Adoption Program (A-TAP)	• Atlantic Fisheries Fund including the third-party offered Aquaculture Technology Adoption Program (A-TAP)	FTSC
		• Research, Innovation, and Growth Program		FTSC
		• RFP issued for Demand Side Management Pilot and Implementation	• Award of Demand Side Management Pilot and Implementation RFP, launch of initiatives in fall of 2025	EECA
		• Inshore Fishing Fleet Sustainability Strategy	• Inshore Fishing Fleet Sustainability Strategy	AFF
		• Deliver Agriculture Energy Systems Pilot Program	• Deliver Agriculture Energy Systems Pilot Program	AGR
5.2	<i>Invest in Next Generation Technologies</i>	<ul style="list-style-type: none"> Development of Customer Relationship Management System (CRM) for Operator Online Portal 		FTSC FIN



Goal	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
6.1	Create the Right Environment to Drive Change	<ul style="list-style-type: none"> Ongoing construction of the Cleantech Innovation and Learning Center 	<ul style="list-style-type: none"> Complete construction of the Cleantech Innovation and Learning Center planned for 2026 	EECA EDIT
		<ul style="list-style-type: none"> Supported the Cleantech Academy with the launch of the Sustainable Business Leadership Program (Holland College) and Masters of Cleantech Leadership (University of Prince Edward Island) 	<ul style="list-style-type: none"> Continue supporting green workforce development through Cleantech Academy programs: Sustainable Business Leadership Program (Holland College) and Masters of Cleantech Leadership (University of Prince Edward Island) 	EECA EDIT
		<ul style="list-style-type: none"> Efforts to improve sustainability and reduce administrative burdens for staff through the use of new technology in various departments 	<ul style="list-style-type: none"> Working on business requirements for system upgrades to allow for handheld devices to be used by assessors in the field, removing the need for paper notes 	FIN
		<ul style="list-style-type: none"> Built relationship with First Nations communities and followed proper duty-to-consult and archaeology procedures 	<ul style="list-style-type: none"> Continue to prioritize building relationships with First Nations communities and adhere to proper duty-to-consult and archaeology procedures 	FTSC DTI
		<ul style="list-style-type: none"> Integrating climate, green economy and clean energy into communications and priorities delivered through intergovernmental channels 	<ul style="list-style-type: none"> Continue integrating climate, green economy and clean energy into communications and priorities delivered through intergovernmental channels 	ECO
		<ul style="list-style-type: none"> Barrier reduction and continuous improvement efforts on process and service delivery of mitigation programs 	<ul style="list-style-type: none"> Continued improvement on service delivery and barrier reduction to mitigation programs 	EECA
		<ul style="list-style-type: none"> The Aquaculture and Marine Fisheries Divisions are represented by the Department's Climate Action Policy Coordinator on Climate Change at the Canadian Council of Fisheries and Aquaculture Ministers 	<ul style="list-style-type: none"> Fisheries and Aquaculture Divisions will continue to be supported by the Department's Climate Action Policy Coordinator on various councils and committees 	FTSC
		<ul style="list-style-type: none"> Inshore Fishing Fleet Sustainability Strategy 	<ul style="list-style-type: none"> Inshore Fishing Fleet Sustainability Strategy 	FTSC
		<ul style="list-style-type: none"> Agriculture Resiliency Program: Resiliency Research subprogram 	<ul style="list-style-type: none"> Agriculture Resiliency Program: Resiliency Research (continued) 	AGR
		<ul style="list-style-type: none"> Clean Foundation's Clean Leaders Program coordinated summer internships for 15 youth seeking careers in the clean economy 		WALP

Goal	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
6.2	<i>Empower Islanders on the Path Ahead</i>	<ul style="list-style-type: none"> Educated over 400 Islanders and government staff on climate hazards at a series of 14 workshops on the Climate Hazard and Risk Information System (CHRIS) 	<ul style="list-style-type: none"> Enhance the online Climate Hazard and Risk Information system by adding 7-9 new features and raise awareness of the tool through continued outreach efforts 	EECA
		<ul style="list-style-type: none"> Active Transportation Summit (Charlottetown and Summerside) showcasing AT efforts completed to date – 75 total participants 	<ul style="list-style-type: none"> Continue engagement on Active Transportation and associated health benefits, as well as safety education 	EECA FTSC TI
		<ul style="list-style-type: none"> Connected Islanders to programs and services across departments through Support Coordinators and Seniors Navigators 	<ul style="list-style-type: none"> Continuing to connect Islanders to programs and services across departments through Seniors Navigators and Support Coordinators 	SDS
		<ul style="list-style-type: none"> Llika'Wksitqmuk (Walk the Earth) project. 		WALP
		<ul style="list-style-type: none"> Implementation of a Provincial Wellness Action Plan <ul style="list-style-type: none"> - Release of a Consultation Paper on Wellness in PEI (May 2024) - LIVE WELL PEI public consultation and engagement sessions (May 14 – July 5, 2024) - Release of the “What We Heard Report” on the public consultation paper on Wellness (February 2025) 	<ul style="list-style-type: none"> Develop a governance structure for LIVE WELL PEI comprised of a multisectoral Wellness Action Advisory Committee and Community Action Networks <ul style="list-style-type: none"> - Move Well Community Action Network to discuss 1) strengthening provincial and municipal planning legislation related to active transportation and healthy built environments and, 2) increase accessibility of places where Island residents can be physically active - Eat Well Community Action Network to work with partners on developing strategies for increasing access to safe, local, and healthy food 	HW
		<ul style="list-style-type: none"> Collaboration with the provincial Fire Smart Coordinator to promote emergency preparedness 		EECA JPS

Goal	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
6.2	<i>Empower Islanders on the Path Ahead (con't)</i>	• Integration of climate education into kindergarten to grade 12 English and French programs	• Continue integrating climate education into kindergarten to grade 12 English and French programs	EEY
		• Cleantech Research and Innovation Fund	• Cleantech Research and Innovation Fund	EECA
6.3	<i>Lead Through Expertise and Collaboration</i>	• Net Zero Advisory Committee	• Net Zero Advisory Committee	EECA
		• Construction of industrial space BuildingZero - Providing financial support for the development of a clean tech industry alliance	• ECT-PEI Clean Technology Challenge Working to bring companies to PEI that are involved in sustainable energy, new battery technology, wind turbine manufacturing, green hydrogen production, and energy storage systems	EDIT
		• Behavioral Insights project to optimize program uptake for the Community Energy Solutions program		EECA EDIT
		• Finance Emergency Payment System Project	• Expansion and improvement of Finance Emergency Payment System	FIN
		• Presented PEI Active Transportation efforts at the 2024 Transportation Association of Canada's national conference	• Presenting the Province's multi-modal transportation opportunities at the 2025 Transportation Association of Canada's national conference	EECA FTSC TI
		• Hosted the Coastal Zones Canada 2025 conference		EECA, TI
		• Hosted the 2024 Global Sustainable Islands Summit		EECA
			• Developing a plan to support community fridges and kitchens	SDS
		• The Tourism Industry Climate Change Risk and Opportunities Assessment and Adaptation Strategy	• The Tourism Industry Climate Change Risk and Opportunities Assessment and Adaptation Strategy	FTSC

Net-Zero Efficiency Program Savings

Program	Energy Savings (GJ)	GHG Savings (Tonnes)
Energy Efficient Equipment	75,463	6,461
Home Insulation	24,295	2,271
New Home Construction	4,156	168
Winter Warming	5,566	366
Instant Savings	9,864	521
Residential Rental Efficiency	23,355	1,855
Business Energy Rebates	7,723	484
Community Energy Solutions	4,553	651
Solar Electric Rebate	54,022	2,851
Electric Vehicle Rebate	31,343	1,690
Free Heat Pump	22,481	2,095
Free Electric Hot Water Heater	2,271	201
Free Insulation	51,744	4,861
Total	316,834	24,474

PEI Electricity Sector Generation Assets

Wind (203.6 MW)

Location	Owner	Generation Capacity (MW)
West Cape	Engie	99
Hermanville	PEIEC	30
Eastern Kings	PEIEC	30
Summerside	Summerside Utility	12
North Cape	PEIEC	10.6
Norway	WEICan	10
Norway	Engie	9
Norway	PEIEC	3

Solar (31MW + 50MW)

Summerside Solar Energy Farm & Battery Storage Facility 'Sunbank'	Summerside Utility	21
Slemon Park Microgrid Project	PEIEC	10
Net-metering Program: Rooftop Solar	Maritime Electric Corp. Ltd.	50

Thermal Generation (104MW)

Borden Generation Station (CT1 & CT2)	Maritime Electric Corp. Ltd.	40
Summerside Generating Station	Summerside Utility	15
Charlottetown (CT3)	Maritime Electric Corp. Ltd.	49

Public Infrastructure Projects with Climate Change Aspects¹

Sector	Project Name	Climate Change Aspect
Education & Early Years	Montague Consolidated – Renovation and Infrastructure Improvements	Renovation and systems improved to meet or exceed NECB
Education & Early Years	Eliot River - Renovation and Infrastructure Improvements	Renovation and systems improved to meet or exceed NECB
Education & Early Years	School Ventilation Upgrades	Improved equipment operating efficiency
Environment, Energy & Climate Action	Solar Installations - Schools Pilot (Cardigan Elementary)	New building system (electric) and solar panels to approach net zero standard
Environment, Energy & Climate Action	Solar Flower	Solar Micro-Grid
Fisheries, Tourism, Sport & Culture	Kier's Shore	Design and construct a new landing site to improve safety and reduce environmental impact
Health PEI	QEH - Roof Replacement	Improved insulation value to roof
Health PEI	Ventilation Upgrades - Souris Hospital, Wedgewood & Beach Grove Manors and QEH	Improved equipment operating efficiency
Health PEI	QEH Air Handling Unit Replacements	Improved equipment operating efficiency
Health PEI	Souris Hospital Roof Replacement	Improved insulation value to roof
Transportation & Infrastructure	PAB Solar Lighting	Energy efficient solar lighting install
Transportation & Infrastructure	Province House - Operational Enhancements	Renovation and systems improved to meet or exceed NECB
Transportation & Infrastructure	Trinity Church	Energy efficient building restoration
Transportation & Infrastructure	Sullivan Building Chiller Replacement	Improved equipment operating efficiency
Justice & Public Safety	Provincial Correctional Facility - 34 Bed Womens Unit	

¹ Projects listed include aspects that reduce climate risk and/or improve energy efficiency

Public Infrastructure New Construction Project – Built ‘Net-Zero Ready’ Standard

Sector	Project Name
Education & Early Years	New Elementary School – Sherwood
Education & Early Years	New High School - Stratford
PEI Housing Corp	31 Unit - Apartment Complex – Prince County
PEI Housing Corp	30 Unit Apartment Complex – Queens County
PEI Housing Corp	10 Unit Apartment Complex – Prince County
PEI Housing Corp	6 Unit Housing - Queens County
PEI Housing Corp	10 Unit Housing – Prince County
PEI Housing Corp	145 Unit Housing – Prince County
PEI Housing Corp	13 Unit Housing – Queens County
Health PEI	CHC - Summerside

Public Infrastructure Projects - Enhanced Climate Resilience

Name of Project	Description	Collaborations
Doyles Bridge	Structure Replacement	
Haywood Road	Structure Replacement	
Southampton	Structure Replacement	
Stratford Road	Structure Replacement	
Ross' Road	Structure Replacement	
St. Nicholas Bridge	Structure Replacement	Fed-Prov
Cain's Bridge	Structure Replacement	Fed-Prov
Bridgetown Bridge Replacement	Structure Replacement	Fed-Prov
Newton Structure Replacement	Structure Replacement	
Souris Shoreline Restoration	Shoreline Protection	
Riverside Drive/Grafton Street Intersection	Shoreline Projection	

Active Transportation Fund Projects 2024-25

NGO / Community Group Proponents	Project
Active Communities Development Inc	E-Bike Pilot Project
Cycling PEI	Gairloch Road Trail
Cycling PEI	Brudenell Trail
Cycling PEI	Brookvale Trail
Develop West Prince	Tignish Community Trail
Eastern Kings Community Center	Walking Trail
Harvey and Dot Moore Sanctuary	Restoration
Island Nature Trust	Trail Assessment/Enhancement
Kensington North Watershed Association	Trail Continuation
Native Council of PEI	St. Chrysostome Wildlife Trail
New Glasgow Community Corp.	Foot Bridge in New Glasgow
PEI Woodlot Owners Association	Trail Development Education Sessions
Recreation PEI	AT Summit
Recreation PEI	Education Coalition
SAFE Summerside	Supporting AT and Learn to Ride
SAFE Summerside	Trishaws to improve mobility
Société de développement de la Baie acadienne inc	Confederation Trail Connection Project
Tignish Sportmans Riders ATV Club	Hiking and Snowshoe Trail
Trout River Environmental Committee	Devil's Punch Bowl Trail
Municipal Proponents	Project Description
City of Charlottetown	AT Plan
City of Charlottetown	Electric Bike Share Program
Resort Municipality	Cavendish Road West AT Path
Rural Municipality of Central Prince	Walking Trail
Rural Municipality of Mount Stewart	Access Map and Beautification

Adaptation Table



PILLAR 01

Disaster Resilience and Response

Action	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
1	<i>Enhance Emergency and Extreme Weather Preparedness and Response</i>	<ul style="list-style-type: none"> Integrated recommendations from the Centre for Marine Applied Research Study to increase resiliency in the aquaculture industry Improved resiliency of public buildings through maintenance and upgrades Assessed trees in close proximity to public buildings for removal in preparation of extreme weather events Developed and launched the Agriculture Resiliency Program: Extreme Weather Preparedness subprogram Completed testing for a minimum viable product for a Finance Emergency Payment System Provided funding for emergency to-go kits for foster families Continued investments in uninterrupted power supply (UPS) equipment Updated Business Continuity Plans for NGOs that provide services to persons with disabilities to improve emergency preparedness Hired 4 new student wildland firefighters Purchased new offroad fire suppression vehicle, equipment, and PPE Complete Gender Based Violence Prevention in Disaster Management engagement and survey Promoted emergency planning guide for employers, workers and worksites, "Prevention Update - Hurricane Season Safety Tips" 	<ul style="list-style-type: none"> Review Gender Based Violence Prevention in disaster management report and consider policy integration opportunities Continue to deliver the Agriculture Resiliency Program: Extreme Weather Preparedness subprogram Continue to deliver the Fuel Station Resiliency Program Launch the Finance Emergency Payment System and add new features Review Fiona Agriculture Support program to inform future natural disaster recovery programming 	FIN-ITSS JPS-EMO FTSC AGR HLC SDS EECA DTI

Action	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
2	<i>Develop a Coastal Flood Warning System</i>	<ul style="list-style-type: none"> Development of a Coastal Flood Warning System Complete 	<ul style="list-style-type: none"> Review Coastal Flood Warning System and improve if necessary 	EECA JPS-EMO
3	<i>Improve the Electrical System</i>	<ul style="list-style-type: none"> Maritime Electric completed an Adaptation Strategy with provincial support via Climate Challenge Fund 	<ul style="list-style-type: none"> Launch the new PEI Energy Strategy Commission and complete an electricity system review 	EECA
4	<i>Increase Backup Power for Critical Infrastructure</i>	<ul style="list-style-type: none"> Continued review of back-up power supplies and investments in back-up power across government for essential equipment and infrastructure through the Emergency Backup Power Installation Program Critical Infrastructure Coordinator reviewed critical infrastructure assets and work to strengthened relationships across communities and all levels of government on management of critical infrastructure on PEI Administered the Fuel Station Resiliency Program to equip gas stations, service, stations, and general stores across PEI with back-up power Developed an interactive map to display which fuel stations are equipped with back-up power Initiated Greening the Port of Charlottetown Assessment 	<ul style="list-style-type: none"> Continue to invest in back-up power across government Complete Fuel Station Resiliency Program. When complete, the Fuel Station Resiliency Program will have funded 46 projects Continue ongoing investment in uninterrupted power supply (UPS) equipment and conduct functionality checks with CSA Standards Ensure residential NGOs for persons with disabilities have scheduled maintenance for backup power sources Implement recommendations from the Greening the Port of Charlottetown assessment 	FIN TI HLC EDIT JPS-EMO SDS EEY FTSC
5	<i>Enhance Community Reception Centres and Supports</i>	<ul style="list-style-type: none"> Continued delivery of the Reception Centre Resiliency Fund providing 14 applicants support to upgrade community facilities to be used as reception centres Provided funding to the Red Cross for the provision of Emergency Social Services during provincial climate-related emergencies Launched the interactive Reception Center Map to help islanders find out where the closest reception center is to them during emergencies or extreme weather 	<ul style="list-style-type: none"> Continuation of the Reception Center Resiliency Fund Continue to provide funding to the Red Cross for the provision of Emergency Social Services during provincial climate-related emergencies 	FTSC JPS-EMO HLC SDS

Action	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
6	Create a Provincial Land Use Plan	<ul style="list-style-type: none"> Released the State of the Island Report Released RFP for Land Use Plan and commenced engagement 	<ul style="list-style-type: none"> Engaging with the public about land use planning 	HLC
7	Develop Province-wide Stormwater Management Standards	<ul style="list-style-type: none"> Continued efforts to develop province-wide Stormwater Management Standards 	<ul style="list-style-type: none"> Planned revision of the Subdivision Design Booklet Continued efforts to develop province-wide Stormwater Management Standards 	TI EECA HLC
8	Increase Resilience of Public Infrastructure	<ul style="list-style-type: none"> Continued work on upgrading roads, bridges, culverts, buildings, and other public property to better withstand future storms and increased climate impacts Committed through the Construction Codes Reconciliation Agreement to adopt the 2025 National Building Codes within 18 months of publication in French and English Increased capital budget for Provincial Parks with plans to implement infrastructure upgrades for increased resilience 	<ul style="list-style-type: none"> Continue work on upgrading roads, bridges, culverts, buildings, and other public property to better withstand future storms and increased climate impacts Continue to assess and support the modification/improvement of marine access sites for the seafood sector Increase capital budget for infrastructure upgrades to Parks 	TI EECA HLC FTSC
9	Home Adaptation Renovations and Upgrades	<ul style="list-style-type: none"> Began construction on 2 new buildings for Child and Family Services. Designed with consideration for climate adaptation and resiliency (generators, metal roofs, and triple pane windows) 	<ul style="list-style-type: none"> Continue construction of 2 new buildings for Child and Family Services with design consideration for climate adaptation and resiliency, including generators, metal roofs, and triple pane windows Rural Better Neighborhoods pilot project will conduct energy and resiliency audits on participating households in 3 rural communities of Prince Edward Island 	SDS EECA

Action	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
10	<i>Adaptation Plans for At-Risk Historical, Cultural and Archaeological Assets</i>	<ul style="list-style-type: none"> • Surveyed areas of the Island at risk of erosion to monitor the effects of climate change on the archaeological record of PEI. • Continued efforts to mitigate eroding unmarked burial ground affected by coastal erosion (West Cape) • Monitored previous shoreline protection work (such as Miminegash Dune and Panmure Island) • Protected heritage and archaeological sites from erosion in West Cape • Monitored existing shoreline protection work at archaeological sites • Continued monitoring the Archaeological Record of PEI for climate change impacts 	<ul style="list-style-type: none"> • Protecting heritage and archaeological sites from erosion in West Cape • Monitoring existing shoreline protection work at archaeological sites • Continue monitoring the Archaeological Record of PEI for Climate Change Impacts 	FTSC TI
11	<i>Create a Municipal Climate Adaptation Program</i>	<ul style="list-style-type: none"> • Explored options for utilizing Federation of Canadian Municipalities (FCM) funding to do shared climate adaptation planning 	<ul style="list-style-type: none"> • Engaging with municipalities about their adaptation needs 	HLC EECA
12	<i>Expand Climate Challenge Fund</i>	<ul style="list-style-type: none"> • Received additional funding for the Climate Challenge Fund from the federal Environmental Damages Fund to fund 3 additional projects 	<ul style="list-style-type: none"> • New projects anticipated to be funded by CCF: including four adaptation projects, four low carbon resilience projects, two mitigation projects 	EECA



Action	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
13	<i>Partner with Industry to Respond to Climate Risks of Farm, Fishing, and Tourism Sectors</i>	<ul style="list-style-type: none"> Completed multiple reconstructive projects, new constructions and climate-change enhancements to industry infrastructure Implementation of the Seafood Sector Adaptation Strategy Facilitated the Mussel Monitoring Program, Oyster Monitoring Program, and Oyster Growth Programs to support the aquaculture industry. Funded 16 projects across 3 organizations through the Aquaculture Futures Program and Adaptation Strategy Supported the modification/improvement of Marine Access for Seafood Sector, where applicable Facilitated the Lobster Resource Monitoring Program to support the lobster fishing industry. PEI Federation of Agriculture was funded to undertake and publish a Climate Change Adaptation Plan Developed and launched the Agriculture Resiliency Program: Resiliency Research subprogram Approved funding (conditional on signing of Contribution Agreement) for Crowbush Cove Shoreline adaptation, through the Federal Disaster Mitigation and Adaptation Fund Began to develop asset management, relocation, and decommissioning plans for coastal public property and infrastructure 	<ul style="list-style-type: none"> The Department of Agriculture will continue to work with and support the Agriculture Industry on Prince Edward Island through numerous programs and supports including the recently launched Agriculture Resiliency Program, and the Agriculture Energy Systems Program, as well as well established programs such as Alternative Land Use Services Program, Agriculture Stewardship program, Agriculture Research and Innovation Program, the Perennial Crop Development Program, Farmers Talk Continue working on Crowbush shoreline adaptation through the DMAF program Create a report that includes a list of DTI coastal assets at risk of flooding or erosion based on a scale of 0-12. The report will include 5 adaptation pathways for at-risk assets Initiate and complete the PEI Tourism Industry Association Climate Change Risk Assessment and Adaptation Strategy Continue to develop asset management, relocation, and decommissioning plans for public property and infrastructure at risk due to climate hazards Supported the modification/improvement of Marine Access for Seafood Sector, where applicable Environmental Impact Reduction Strategy Program for Aquaculture and Marine Fisheries 	FTSC EECA AGR TI EDIT

Action	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
13	<i>Partner with Industry to Respond to Climate Risks of Farm, Fishing, and Tourism Sectors (con't)</i>	<ul style="list-style-type: none"> Innovation PEI supported clean-tech projects with industry partners in forestry, fertilizer, renewable energies, fisheries and farming methane emissions The Department of Agriculture continued to offer industry support through numerous programs and supports including the well established Alternative Land Use Services Program, Agriculture Stewardship Program, Agriculture Research and Innovation Program, the Perennial Crop Development Program, the Fiona Recovery Program, and the Farmers Talk mental health support program 	<ul style="list-style-type: none"> The Marine Fisheries and Aquaculture Divisions will continue to promote and support climate adaptation and mitigation projects through it's Environmental Impact Reduction Strategy and various programs 	FTSC EECA AGR TI EDIT
14	<i>Regional Supply Chain Resilience Study</i>	<ul style="list-style-type: none"> CLIMAtlantic has completed a scoping of a transboundary risk assessment 	<ul style="list-style-type: none"> Explore opportunities for regional collaboration 	EECA
15	<i>Climate Change Training</i>	<ul style="list-style-type: none"> Funded 15 summer internships through the Clean Foundation Clean Leaders program Supported 18 watershed organizations by funding 50 positions through the Post Secondary Student Program which aims to support positions where students can receive experiential learning in their field of study Climate Action category added to the PSC learning calendar--CHRIS training, incorporating ECCC foundational climate literacy courses Climate Adaptation Resilience Training (CART) program offered by ClimateSense to PSC staff ClimateSense student/internship program; 12 students, to work on a variety of climate-related projects 	<ul style="list-style-type: none"> CLIMAtlantic Workforce project Encourage PSC staff to participate in the next intake of the Climate Adaptation Resilience Training (CART) program being offered through CLIMAtlantic Develop new Anti-Oppressive Climate Action Training Course for the PSC learning calendar (co-delivered with anti-racism office) Offer another series of Climate Change Courses through the Seniors College 	WALP EECA HLC TI

Action	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
15	<i>Climate Change Training (con't)</i>	<ul style="list-style-type: none"> Held 14 workshops on the Climate Hazard and Risk Information System (CHRIS), engaging over 450 people on use of the interactive web tool, and local climate hazards The Policy-Hackathon theme was on the topic of climate adaptation, PSC staff from across all government departments were engaged on the topic of flood hazards and climate resilience through this professional development opportunity Held two in-person learning sessions with Climate Change Coordinators on the topic(s) of Energy Poverty and using a Multi-Solving Strategy for Policy development Provided Reception Centre Training Day Conducted online and in-person emergency management training Offered a series of Climate Change courses through the Seniors College with over 50 attendees 	<ul style="list-style-type: none"> Continue to offer in-person learning sessions to Climate Change coordinators on topics relating to climate change impacts and adaptations Continue to engage the public and sector specific stakeholders on climate hazards through offering workshops and webinars on the Climate Hazard and Risk Information System (CHRIS) Provide funding for Green Shores Level 2 training 	WALP EECA HLC TI FTSC
16	<i>Access to Food and Drinking Water</i>	<ul style="list-style-type: none"> Continued expansion of the Library of Things Developed the Horticulture Diversification program Provided financial support for community fridges and engaged with community fridge organizers to develop a plan for administration Provided financial support through the CPHO wellness grants for food security initiatives Provided financial support to Food Banks, School Food Program and Meals on Wheels PEI Administered the Seniors Community Meal Grant Program 	<ul style="list-style-type: none"> Continue to expand the Library of Things Establish community food fridges in selected community in partnership with community groups Launch the Horticulture Diversification program to support local food producers Continue to deliver the Community Food Security Program Initiative Continue to deliver the Agri-Food Growth Program 	EEY HW AGR SDS



Action	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
16	Access to Food and Drinking Water (con't)	<ul style="list-style-type: none"> Delivered the Children's Summer Food Program Funded 26 projects through the Community Food Security Program Initiative Delivered the Agri-Food Growth Program Began development of a food waste reduction strategy including creation of an interdepartmental committee and consultations with the public and food sector partners The Fisheries and Aquaculture Division's Climate Actions Policy Coordinator will continue to represent the Province on the New England Governors and Eastern Canadian Premiers Working Group on Food Security 	<ul style="list-style-type: none"> Continue to provide funding to food banks, Meals on Wheels PEI, and the PEI School Food Program Continue to administer the Seniors Community Meal Grant Program and the Children's Summer Food Program Continue financial support through the CPHO wellness grants for food security initiatives The Fisheries and Aquaculture Division's Climate Actions Policy Coordinator will continue to represent the Province on the New England Governors and Eastern Canadian Premiers Working Group on Food Security 	EEY HW AGR SDS
17	Extreme Heat Strategy	<ul style="list-style-type: none"> Coordinated a session on sun safety with ELCC Supervisors/Directors Began developing a Heat Resiliency Index starting with reviewing the geo-spatial data available on Public Schools on PEI Secured funding from Health Canada's HeatADAPT program to develop a Heat Alert Response System for PEI Updated the Healthy Living Guidelines for Early Years Centers to include extreme heat Completed jurisdictional scans of the syndromic surveillance of the health impacts of extreme heat Mitigate impacts of heat in agriculture through the Agriculture Resiliency Program: Extreme Weather preparedness subprogram 	<ul style="list-style-type: none"> Hire a coordinator, establish a working group, and conduct engagement and research related to the development of a Heat Alert Response System (HARS) protocol for PEI Develop and launch an educational video on the risks of extreme heat and tips to avoid heat-related illness as part of the Climate Hazard Video Series Initiation of syndromic surveillance of the health impacts of extreme heat Mitigate impacts of heat in agriculture through the Agriculture Resiliency Program: Extreme weather preparedness subprogram 	EEY HW AGR ARP EWP

Action	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
18	<i>Access to Food and a Support for Mental Health in our new Climate Reality</i>	<ul style="list-style-type: none"> Financially supported the PEI Alliance for Mental Well-being grants, including the Climate Anxiety Project with Clean Foundation Launched the 9-8-8 Suicide Prevention Line to increase access to mental health support Developed and launched the Agriculture Resiliency Program: Farmer Wellness Subprogram to support wellness initiatives Continued support for FarmersTalk (Farmers Assistance Program) Opened Health PEI's Mental Health Emergency Unit at the QEH Continued expansion of the student wellbeing team services in school to promote mental health Assessment of an upstream intervention to promote youth mental health Completed the annual COMPASS school-based survey evaluated PEI secondary students health & well-being (including impact of climate-related anxiety) Assessed social vulnerability to flood risks on PEI 	<ul style="list-style-type: none"> Continue support for Farmers Talk (Farmers Assistance Program) Deliver the Agriculture Resiliency Program: Farmer Wellness subprogram Proclaim May 5th Mental Health in Agriculture Day Mental Health First Aid Training for PEIDA staff Launch mental health survey focused on the farming community in PEI Launch pilot of the PreVenture Program in select PEI schools Continue to promote mental health services, including responses to climate anxiety in schools with student well-being team services Financial support for the PEI Alliance for Mental Wellbeing grants Evaluate health & well-being of secondary students of PEI secondary students through the annual COMPASS school-based survey (25/26) Free mental health services are available to those who work in the fisheries and aquaculture industries on PEI to help support their mental and emotional well being 	EEY HW AGR
19	<i>Provincial Vital Records Protection</i>	<ul style="list-style-type: none"> Began discussions on a draft vital records policy Continued working to expand storage capacity and climate resilience for vital records Additional capacity for secure records storage has been added to the Summerside Provincial Records Centre 	<ul style="list-style-type: none"> Continue development of the new vital records policy draft Development of expanded climate resilient storage of vital records 	EEY

Action	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
20	<i>Safeguard Surface Water Resources</i>	<ul style="list-style-type: none"> Enrolled 380 clients in the Alternative Land Use Services (ALUS) Program and retired 3910 hectares of annual crop lands (eligible land includes: riparian buffer, high slope, field margins, and wet areas) to perennial ecosystem Continued implementing soil health and conservation initiatives Continued the the Buffer Zone Acquisition Program Finalized the Habitat and Biodiversity Assessment tool and explored potential integration with Environmental Farm Plans 	<ul style="list-style-type: none"> Continue riparian buffer and high slope retirement via ALUS Continue to offer the Buffer Zone Acquisition Program Plans to launch the Habitat and Biodiversity Assessment Tool 	AGR EECA
21	<i>Coastal Development and Habitat</i>	<ul style="list-style-type: none"> DTI has integrated Coastal Hazard Assessments into the planning phase of any coastal public infrastructure projects Scheduled Hillsborough Park Community Development Phase One with several climate considerations in the design Awarded Shoreline Management Plans contract to develop Shoreline Management Plans for 3 regions on PEI (ICPR#1) TransCoastal Adaptations is developing an NbS tool 	<ul style="list-style-type: none"> Explore updating the 1992 Coastal Area Policy and amending regulatory requirements (ICPR #11) Continue work on Shoreline Management Plans development for 3 regions on PEI (ICPR #1) DTI will continue integrating Coastal Hazard Assessment into the planning phase of any coastal infrastructure project 	TI EECA HLC

Action	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
22	<i>Coastal Hazards and Adopting Nature-based Solutions</i>	<ul style="list-style-type: none"> Incorporated nature-based elements into the Souris Causeway adaptation project 716 CHAs completed and continue to be offered to the public Released an updated version of the Coastal Impacts Visualization Environment (CLIVE Updated the Coastal Property Guide with information for coastal property owners on coastal hazards Developed and launched the PEI Flood Guide with information on coastal hazards for municipalities/planning authorities 	<ul style="list-style-type: none"> Explore requiring CHAs in provincial funding programs dealing with coastal properties (ICPR #10) Provide funding for Green Shores Level 2 training Continue to offer CHAs to the public 	TI EECA HLC
23	<i>Protection for Climate-Vulnerable Species and Habitats</i>	<ul style="list-style-type: none"> Explore requiring CHAs in provincial funding programs dealing with coastal properties (ICPR #10) Provide funding for Green Shores Level 2 training Continue to offer CHAs to the public 	<ul style="list-style-type: none"> Publish State of Wildlife Report Continue to acquire land for protection and/or conservation Continue to offer the Forested Landscape Priority Place (FLPP) for Species at Risk Program Continue to convert annual cropland to perennial crops through the perennial crop development program 	EECA AGR
24	<i>Enhancement of Trees and Forests</i>	<ul style="list-style-type: none"> Continued to offer the Forest Enhancement Program (FEP) resulting in 432 Forest Management Plans and 600 hectares of Post-Tropical Storm Fiona damaged forested lands salvaged Tree Improvement Officer hired, renewed partnership and activity with Atlantic Tree Improvement Council Production at the Provincial Tree Nursery increased by 30%, reaching the seedling target of 1.3M per annum (3 new greenhouses completed and fully operational) Planted 633,700 trees through Forest Enhancement Services (FES) Planted 145,190 trees on 48 hectares through the Two-Billion Trees Program 	<ul style="list-style-type: none"> Release of revised Ecosystem Based Forest Management Standards Manual Continue to offer the Forest Enhancement Program and associated services Continue to offer the Two-Billion Trees Program 	EECA



Action	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
25	<i>Research, Monitor, and Model Local Climate Conditions and Impacts</i>	<ul style="list-style-type: none"> Completed inland (pluvial) flood modelling for PEI and released province-wide inland flood maps Monitored the dynamics of major crop pests in the field in response to climate change Completed a Gap Analysis for PEI flood mapping resources Collaboration with research partners in the Aquaculture Genome Projects Started work to complete an enhanced geomorphic shoreline classification for all of PEI Started work to complete a province-wide oblique aerial survey to capture imagery of PEI's coastline Initiated work to enhance the Climate Hazard & Risk Information System (CHRIS) with nine (9) new features Collaboration with Lennox Island First Nation (LIFN) to prepare flood hazard assessments for all of LIFN with the intention to conduct individualized outreach and engagement Began work to research and map salt marsh migration for all of PEI Continued development of the Web and GIS-based PEI Climate/Pest Prediction System; and the Smart Supplemental Irrigation Decision Support System in the face of climate change 	<ul style="list-style-type: none"> Coastal Hazard GIS intern role is expanding to include a second person to research and look at coastal hazards The Aquaculture Division and Marine Fisheries will continue to operate monitoring programs and track spatio-temporal environmental and biological trends and continue to support resource monitoring programs. Province-wide enhanced geomorphic shoreline classification and oblique aerial survey to capture imagery of PEI's coastline to be completed Launch the enhanced Climate Hazard & Risk Information System (CHRIS) with nine (9) new features to be completed and made publicly available Continue to work together with Lennox Island First Nation to complete flood hazard assessments for all of LIFN and conduct individualized outreach and engagement to disseminate results. Continue to scope additional flood hazard project(s) with LIFN Scope flood hazard project(s) with Abegweit First Nation Province-wide research and mapping of salt marsh migration to be completed Ongoing outreach associated with FHIMP and climate hazards to be conducted Several farmers from different crop productions to be invited to test the climate and pest prediction system during 2025 growing season, the field pest monitoring system will provide farmers with real-time pest information to support the spray decision in the field 	FTSC-PEIMSO EECA AGR

Action	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
25	<i>Research, Monitor, and Model Local Climate Conditions and Impacts (con't)</i>		<ul style="list-style-type: none"> Irrigation decision support project will continue through the 2025/2026 season and is expected to complete by the end of March 2026 Service agreement with Island Nature Trust to monitor bobolink in delayed hay fields 	FTSC EECA AGR
26	<i>Provide Expertise and Resources to Departments for Climate Adaptation</i>	<ul style="list-style-type: none"> Updated DTI employees on relevant adaptation workshops, webinars, and training opportunities to bring into their work - including Coastal Hazard Assessments, and the Climate Hazard and Risk Information System (CHRIS) 18 provincial staff participated in Home Flood Resilience Training with Seneca College Distributed a Climate Training Assessment survey to DTI staff that focused on past experience and desire for adaptation/mitigation related training, received 165 responses Increased staffing and development of the Agriculture Climate Adaptation section by adding 3 new permanent FTEs: Manager, Agriculture Program Officer, and Agriculture Energy Systems Specialist Climate change coordinators from all government departments continued to collaborate at the provincial Climate Change Coordinators table, providing resources and climate-related support across departments Climate Change Coordinators Learning Sessions (Energy Poverty – Spring 2024, Multi-Solving – Fall 2024) Anti-Racism office applied Anti-Racism Lens to position as a Climate Change Coordinator 	<ul style="list-style-type: none"> Include “Climate Training” as a budget item in the Land & Environment division’s budget Staffing and developing Climate Adaptation section Hosted two in-person learning sessions for Climate Change Coordinators 	FTSC WALP HLC TI EECA JPS AGR ECO EEY HW

Action	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
27	Create Curriculum Materials on Climate Impacts for K-12	<ul style="list-style-type: none"> • PSB teachers participated in professional development on climate change and environmental education, English and French • Climate-related curriculum and materials developed for K-12 for English and French • Continued to administer outdoor learning grants to promote outdoor learning, English 	<ul style="list-style-type: none"> • Climate change capacity building for educators across PEI focusing on climate science, emotional resilience, Indigenous knowledge, and student empowerment. Bilingual PD sessions (grades 5-12), partnerships with Let's Talk Science, STEAM PEI, and LSF supporting cross-disciplinary, inquiry-based learning • K-12 curriculum projects that embed climate change through local, land-based, and STEAM approaches promoting critical thinking, inquiry, and sustainability. Real-time green energy data to be used in high school classrooms (e.g. SmartFlower Project) 	EEY WALP
28	Public Awareness of Climate Impacts and Personal Adaptation Actions	<ul style="list-style-type: none"> • Developed plan to post signage to alert the public to potential coastal hazards (ICPR #15) • Developed and delivered a 2-hour workshop for homeowners or any public member on home flood risk adaptation • Continued to develop LiveWell PEI website and social media channels • Series of 5 presentations given by EECA staff to 130 HW/CPHO staff in CCR roles on EE programs available to clients that can improve climate resilience and extreme heat safety • Direct mail-out sent to over 17,000 Coastal Property Owners. The mail-out included information on coastal hazards and the resources available, as well as a survey • Conducted a coastal hazard outreach campaign including informational advertisement on digital display kiosks, bus wrap and shelter signage, social media, radio, television and print media 	<ul style="list-style-type: none"> • Develop and deliver a 2-hour workshop for homeowners or any interested person on home flood risk adaptation • Continue to expand LiveWell PEI website and social media channels • Launch Coastal Hazard Video Series • Develop communications strategy for climate adaptation section • Continue and expand public outreach campaign including digital, print, radio advertisement of key messages related to CHA, CPG, CHRIS • Provide funding and support to UPEI to conduct a "Coastal Conversations" educational workshop series detailing 10 years of coastal monitoring 	TI HW EECA SDS ECO

Action	Description	Action Taken 2024-2025	Action Planned 2025-2026	Department(s) Contributing
28	<i>Public Awareness of Climate Impacts and Personal Adaptation Actions (con't)</i>	<ul style="list-style-type: none"> Commissioned work to create a climate hazard video series covering a variety of topics including coastal hazards, extreme weather advisories, and home flood protection Funded FireSmart public outreach Facilitated meeting with Poverty Elimination Council and Anti-Racism Table made up of cultural organizations and community members to engage and raise awareness on Climate Impacts and Adaptation practices for underrepresented groups Connected vulnerable Islanders to programs and services across departments through Seniors Navigators and Support Coordinators Included information relating to programs that mitigate climate impacts in Seniors Guide Cleaning our Shorelines Program led by youth conducting shoreline clean-ups 	<ul style="list-style-type: none"> Continue to raise awareness of the Climate Hazard and Risk Information System web-mapping tool through public workshops and online webinars Plans to install flood and erosion hazard signage to alert the public to potential climate hazards Plans to connect vulnerable Islanders to programs and services across departments through Seniors Navigators and Support Coordinators Update Seniors Guide to include information relating to programs that mitigate climate impacts Commence community engagement sessions across PEI for the Heat Alert Response System (HARS) project, including communication plans and public presentations to increase the awareness to the health impacts of extreme heat and potential mitigation plans Continue to offer free Assessments upon request Formalize Cleaning our Shorelines program status to provide ongoing support for this initiative 	FTSC TI HW EECA SDS ECO

Climate Challenge Fund

List of projects supported through the Climate Challenge Fund in 2024-25.

PROPONENT	PROJECT	PROJECT TYPE
Atlantic Food Action Coalition	Around the Table: Documenting the link between Food Security, Climate Change and Community Action	Adaptation
UPEI - Kuljeet Grewal	AI Driven Zoning Solutions	LCR
PEI Wind Institute	Adapting Renewable Energy to Mitigate Climate Challenge	LCR
UPEI - Stephanie Shaw	Mitigating GHGS & Enhancing Circularity in the PEI Construction Industry	Mitigation
Inversion Point	Atmospheric Methane Mitigation Initiative	Mitigation
UPEI - Yulin Hu	Seawater-Based Mining for High-Purity Lithium production	Mitigation
Raspberry Point Oyster Co	Adaptation and Mitigation through Improved Climate & Renewable Energy Sources	Mitigation
City of Charlottetown	Home Flood Protection Rebate Program & Workshops	LCR
Charlottetown Airport Authority	Climate Risk Assessment & Adaptation Plan	Adaptation
Stratford Utility Corp	Improve Wastewater Management & Treatment Operations by removing rain & floodwaters from sewer	Adaptation
River-Clyde Arts	Resilient Communities Initiative	Adaptation
UPEI - Xander Wang	Development of Climate Change Resource package K-12	Adaptation
REFUEL	Mobile Hydrogen (plug & play) pod for unlimited temporary green power via fuel cell	LCR
Scout Environmental	Your Port in a Storm: Improving Climate Resiliency at Home	Adaptation
Canadian Home Builders Association	Energy Efficiency Sessions for Homeowners	LCR

