

**Environmental Trust Fund
Awards List
2019-2020**

Sustainable Development:

- **Other**

- | | | |
|----|---------------------------------|--------|
| 1. | Fruition: Community Food Forest | 25,000 |
|----|---------------------------------|--------|

Miramichi Adult Learning will develop a community accessible food forest to help increase food security and combat climate change.

- | | | |
|----|--|--------|
| 2. | Increasing Resiliency in Coastal Communities with Natural Infrastructure and Community Capacity Building | 30,000 |
|----|--|--------|

Nature NB and its partners will undertake nature-based activities to assist the Village of Port Elgin in adapting to climate change.

- | | | |
|----|--|--------|
| 3. | Implementing Climate Action Plans in Tantramar: Increasing Regional Resiliency | 49,000 |
|----|--|--------|

EOS Eco-Energy/Énergie will work on activities that address climate mitigation and adaptation as well as build community resiliency.

- | | | |
|----|--|--------|
| 4. | Quantifying Blue Carbon Storage with Restoration of New Brunswick Salt Marshes | 22,000 |
|----|--|--------|

McGill University will determine the rates of soil carbon accumulation after restoration of drained salt marshes on NB's coastlines.

- | | | |
|----|---------------------------|--------|
| 5. | The Garden Cities Project | 10,000 |
|----|---------------------------|--------|

A centralized community garden for the Moncton area will be designed and maintained by the Garden Cities Project.

- | | | |
|----|-----------------------------|--------|
| 6. | Growing Healthy Communities | 55,000 |
|----|-----------------------------|--------|

The Ville Cooperative in Marysville will continue and expand upon its programs to equip the community with the skills they need to live a sustainable lifestyle.

- | | | |
|----|---|--------|
| 7. | Exploratory Project of Natural Assets in the North West | 27,000 |
|----|---|--------|

The Commission de services régionaux Nord-Ouest will look at alternative methods to reduce the impacts of climate change.

- | | | |
|----|---|--------|
| 8. | Regional Mapping of Inland Flood Risk considering Climate Change in Southeast New Brunswick | 60,000 |
|----|---|--------|

Southeast Regional Service Commission will start flood mapping region-wide in order to conduct vulnerability assessments and create maps for adaptation purposes.

- | | | |
|----|--|--------|
| 9. | Advancing the use of Natural Capital for Climate Change Adaptation and Asset Management Improvements | 47,000 |
|----|--|--------|

The Southeast and Western Valley Regional Service Commissions will examine the use of ecosystems and natural infrastructure as buffers against the impacts of climate change.

10. Promoting and Measuring Active Commuting 20,600

La Bikery will encourage cycling as a mode of sustainable transportation in Greater Moncton.

11. Corporate and Community GHG & Energy Action Plan Implementation and Monitoring 75,000

The City of Saint John will look at strategies to reduce energy consumption and Green House Gas emissions.

12. Florenceville-Bristol Climate Change & Energy Initiative 16,500

Florenceville-Bristol will bring together stakeholders to develop an action plan and community energy strategy.

13. Bike Share Program 50,300

The Crescent Valley Resource Centre will engage residents in biking as an active and environmentally friendly mode of transportation.

14. Advancing Climate Change Education, Awareness and Capacity Building 67,000

The UNB Environment and Sustainable Development Research Centre will coordinate the implementation of a climate change education, awareness and capacity building strategy.

15. Virage Vert 10,000

The waste management system at Marché régional de Caraquet will be upgraded and an educational program undertaken to reduce the amount of waste produced.

16. The Growing Place-From Greenhouse to Your House 40,000

Crescent Valley Resource Centre will educate residents about food security and provide them the opportunity to grow their own food.

17. Analysis of Flood Trends under a Changing Climate 25,000

The Université de Moncton will study provincial flood characteristics such as duration and volume in order to help improve flood forecasting techniques.

18. Facilitation of Climate Change Considerations in Asset Management Planning 35,000

UNB Fredericton will study how capacity to manage infrastructure assets and optimize decision making concerning road networks and stormwater systems can be improved.

19. Ecological Transition for the Acadian Peninsula 50,000

The Fondation communautaire de la Péninsule Acadienne will continue their project to help residents of the Acadian peninsula adapt to climate change.

20. Water Guardian: Adapting Petitcodiac Watershed to Climate Change Impacts with Natural Infrastructure 27,500

The Petitcodiac Watershed Alliance will undertake various stewardship actions aimed at helping adapt to climate change.

21.	New Method of Annual Erosion Follow-up	4,200
-----	--	-------

The Université de Moncton will continue to measure and monitor coastal erosion using the latest technology.

The following municipalities will undertake planning activities to help deal with our changing climate:

Climate Change Adaptation Plans:

22.	Saint John (ACAP Saint John)	42,000
23.	Charlotte County Communities (Eastern Charlotte Waterways)	60,000
24.	Town of Sussex	37,000
25.	Cocagne (Groupe de développement durable du Pays de Cocagne)	56,000
26.	City of Fredericton	38,000
27.	City of Miramichi	39,000
28.	Town of Riverview	38,000
29.	City of Campbellton	38,000
30.	Village of Maisonnette	37,000
31.	Village of Le Goulet	41,000
32.	Chaleur Region (Chaleur Regional Service Commission)	38,000
33.	Northwestern NB (Commission de services régionaux Nord-Ouest)	72,000

Climate Change Vulnerability Assessments:

34.	Eel River Bar (Gespe'gewaq Mi'gmaq Resource Council)	37,000
35.	Town of Bouctouche	37,000
36.	St. Mary's First Nation	56,000
37.	University of New Brunswick Fredericton (UNB Sustainability)	35,000
38.	Village of St. Antoine	30,000
39.	Village of Charlo	32,000
40.	Village of Négouac	29,000

Climate Change Mitigation Plan:

41.	Florenceville-Bristol (Western Valley Regional Service Commission)	35,000
42.	Developing Culturally Appropriate Indicators for Climate Change in Neqotkuk	30,000

Culturally appropriate indicators for climate change will be developed by the Tobique First Nation (Neqotkuk).

43.	Maintaining the Blue Flag Program in New Brunswick	13,000
-----	--	--------

Environmental Defence will encourage participation in the Blue Flag certification program, an eco-label for sustainably managed beaches and marinas.

44.	Ice Flood Risk Mapping and Mitigation	35,000
-----	---------------------------------------	--------

The Université de Moncton will continue their flood risk mapping project for the Kennebecasis Watershed.

45.	Climate Change Transition	50,000
-----	---------------------------	--------

The Association francophone des municipalités du Nouveau-Brunswick will assist municipalities in the implementation of their climate change action plan recommendations.

46. Fostering a Sustainable Community through Food Security 15,000

Foods of the Fundy Valley will continue building regional food security through education and outreach and by supporting local producers.

47. Increasing Woodlot Owner Resilience and Adaptation to Climate Change 25,000

The New Brunswick Federation of Woodlot Owners will build the capacity of woodlot owners to adapt to climate change through implementation of recommendations in woodlot management plans.

48. Cultivating Climate Resilience 20,000

The Atlantic Canadian Organic Regional Network will foster a network for collaboration among farmers in order to build resilience to climate change in our local food systems.

49. Charlotte County Integrated Public Transportation 30,000

A public model that addresses the transportation needs of residents in rural and municipal Charlotte County will be developed by the Southwest New Brunswick Transit Authority.

50. Climate Change Adaptation Capacity Building for Engineers 25,000

The Université de Moncton build capacity for engineering students on how they can contribute to addressing the impacts of climate change.

51. Spruce Budworm Outbreaks in Relation to Climate Change 23,000

UNB - Fredericton will study the historical cycling of budworm populations in order to assist forester managers in predicting and planning mitigation strategies in light of climate change.

52. Permaculture Community Sharing Garden 500

The Barnesville community garden will incorporate a variety of edible perennial plants into their existing garden which will be shared with the community.

53. Continuity of Acadian Peninsula Adaptation Project 30,000

The Institut de recherche sur les zones côtières will continue to assist communities of the Acadian Peninsula in adapting to the impacts of climate change.

54. Communication, Education and Awareness Program on Adaptation to Climate Change 40,000

Institut de recherche sur les zones côtières will continue their communication plan to increase understanding of the Acadian Peninsula Climate Change Adaptation Plan.

55. Bouctouche Farmers' Market - A Zero Waste Approach 15,000

The Bouctouche Farmers' Market will be redeveloped as a local food hub focusing on regional resources and local food production.

56. Economic Damage from Extreme Weather and Climate Events 15,000

The University of New Brunswick will design and estimate damage functions associated with climate change events and formulate monetary targets for the investment in mitigation and adaptation policies.

57. Enabling Municipal Implementation of Community Energy Plans 50,000

Quality Urban Energy Systems of Tomorrow will help municipalities implement Community Energy Plans to reduce GHG emissions.

58. Cocagne Food Sovereignty 43,500

Groupe de développement durable du Pays de Cocagne will develop a community food charter for the region.

59. Intergenerational Community Garden for Richibucto 8,000

The Kent Inclusion Network will provide access to a community garden for families in need as well as offer workshops on growing and preserving food and healthy meal preparation.

Total Other \$2,041,100

- Preserving Existing Biodiversity

60. From Data to Talk: Closing the Gap between Water Monitoring and Communication 25,000

The Atlantic Water Network will work with NB organizations to best analyze their data for use by local communities/decision makers.

61. Stewardship, Education and Monitoring of the Kouchibouguacis River 39,500

Les Ami(e)s de la Kouchibouguacis will continue their efforts in the management of buffer zones to maintain and improve the water quality of their watershed.

62. An Ecosystem Approach to Understanding the Warming on Freshwater Streams 50,000

The Canadian Rivers Institute will evaluate the effect of stream temperature on the composition, abundance, and food web structure of aquatic communities.

63. Cedar Swamps 40,000

Kopit Lodge, a conservation group from Elsipogtog First Nation, will increase biodiversity and conserve our natural resources by protecting cedar trees which help white tailed deer survive the winter.

64. Toward Integrated Watershed Management: Building Sustainable and Engaged Communities Along the Wolastoq / Saint-Jean/ St. John River 50,000

The St. John River Society will develop an integrated watershed management plan through stakeholder and community involvement.

65. Enhancing Monitoring and Promoting Best Environmental Practices to Support Healthy Lake Ecosystems 55,000

New Brunswick Alliance of Lake Associations will undertake stewardship actions including scientific modeling, water quality monitoring and an educational program.

66. Defining Normal Ranges for Water Quantity and Flow: Setting monitoring triggers for the Wolastoq / Saint John River 30,000

The Faculty of Forestry & Environmental Management at UNB will examine temperature and water flows and set monitoring and management triggers across the Wolastoq / Saint John River catchment.

67. Protecting Freshwater Systems from Invasive Species 40,000

The Canadian Council on Invasive Species will coordinate efforts to address the emerging environmental and economic threat of invasive species.

68. Science-driven Biomonitoring Initiatives to Protect New Brunswick Freshwaters 40,000

The Canadian Rivers Institute will implement science-driven biomonitoring initiatives to support decision makers in the mitigation of threats to aquatic ecosystems.

69. Water Quality Monitoring in the Cape Tormentine Watershed 40,000

EOS Eco-Energy/Énergie will implement a water monitoring program for the Cape Tormentine Peninsula Watershed with a view to developing a watershed management plan.

70. Improving Water Quality in Southeast Kent County 27,000

The Southeastern Anglers Association will continue monitoring water quality and educating landowners about best management practices.

71. Water Quality Conservation: Implementing Stewardship Actions in the Watershed 30,000

The Petitcodiac Watershed Alliance will focus on improving aquatic ecosystems through monitoring and education activities.

72. Proliferation and Dilution of Geological Effects in Surface Water Quality 40,000

The Oromocto Watershed Association will undertake a water quality project which incorporates bedrock and surficial geology into a sampling protocol.

73. Tracking Miramichi Habitat Conditions and Climate Trends 85,000

The Miramichi River Environmental Assessment Committee will continue with its mandate of stewardship and improvements to the environmental integrity of the Miramichi watershed.

74. Assessing & Improving the Health of the Nashwaak Watershed 38,000

The Nashwaak Watershed Association will undertake a comprehensive monitoring program which will enable them to prioritize future restoration and management efforts.

75. Water Monitoring in the Tabusintac and Esgenoôpetitj Watersheds 35,000

The Esgenoôpetitj Watershed Association will gather information on ecosystems within the watersheds that reflect water quality and quantity.

76. Proactive Watershed Management: Foresight 2020 45,000

An existing management plan will be updated by the Hammond River Angling Association, so it may be used as a guide for future priority conservation initiatives.

77. Nepisiguit Salmon Enhancement and Assessment 14,800

The Nepisiguit Salmon Association will collect data on the status of Atlantic Salmon and undertake habitat enhancement activities in order to improve survival rates.

78. Chamcook Watershed Monitoring and Protection Plan 10,000

The Atlantic Salmon Federation will work to better understand the flow dynamics, particularly the withdrawal and recharge capacity, of the Chamcook watershed.

79. Watershed Revitalization through Shoreline Restoration 35,000

Activities to protect and enhance water quality will be undertaken by the Canaan-Washademoak Watershed Association.

80. Increasing Aquatic Inventories and Capacity 50,000

The Kennebecasis Watershed Restoration Committee will increase their monitoring and data management program in order to provide a broader scope of data to stakeholders and managers.

81. Water Quality Monitoring and Outreach in the Belleisle Watershed 30,000

The Belleisle Watershed Coalition will expand their water quality monitoring program and educational outreach throughout the watershed.

82. Improving Riparian Habitat Throughout the Belleisle Watershed 10,000

The Belleisle Watershed Coalition will undertake actions to protect and improve the water quality within their watershed.

83. Acting to Ensure a Healthy Meduxnekeag Watershed 30,000

The Meduxnekeag River Association will continue implementing action plan and educational initiatives in their watershed.

84. Assessment and Protection of Aquatic Ecosystem of the Beaubassin-East and Cap-Pelé Watershed 25,000

Vision H2O will collect and analyze water data to pinpoint where restorative efforts should be undertaken.

85. Water Quality Monitoring in the St Croix Watershed 30,000

The St. Croix International Waterway Commission and its partners will monitor the water quality of the St. Croix and compile a report comparing current to historical water quality data.

Total Preserving Existing Biodiversity \$944,300

Total Sustainable Development \$2,985,400

Restoration:

- Shoreline

86. Keswick River Maintenance and Restoration 20,000

The Keswick River Society will improve the stability and integrity of the riverbanks through natural plantings.

Total Shoreline \$20,000

- Water Quality

87. Open Waters: Community Environmental Monitoring 30,000

Water quality monitoring will be conducted by ACAP Saint John to help determine future priority restoration and remediation projects.

88. Assessing Options for the Long-term Viability of the Memramcook River 30,000

Sentinelles Petitcodiac Riverkeeper will engage stakeholders in assessing options for addressing the deterioration of the water quality.

89. Moosehorn Creek Enhancement 14,000

The Kennebecasis Watershed Restoration Committee will improve the aquatic and riparian habitats of Moosehorn Creek.

90. Nashwaak Watershed Restoration and Education 40,000

The Nashwaak Watershed Association will continue their efforts to manage the watershed as a healthy ecosystem that balances a variety of economic, recreational, social and landowner interests.

91. Genetic Detection and Quantification of Cyanotoxin Genes 54,000

UNB Fredericton will further develop their approach to quantify the abundance of toxin-producing genes in NB lakes with a view to decreasing algae blooms.

92. Eelgrass Mapping and Restoration 18,000

The Southern Gulf of St. Lawrence Coalition on Sustainability will continue partnering with community groups to develop a bay-scale monitoring and restoration program for eelgrass beds.

93. Broken Brooks: Improving Access to Aquatic Habitat through Diverse Partnerships 22,500

The Petitcodiac Watershed Alliance will help restore habitat connectivity in the Petitcodiac watershed by restoring access to upper reaches that host cold, highly oxygenated waters, important for aquatic life cycles.

Total Water Quality \$208,500

Total Restoration \$228,500

Protection:

- Hazardous Materials

94. Household Hazardous Waste Awareness Campaign 15,000

The Northwest Regional Service Commission will promote the proper disposal of household hazardous waste.

95. Western Valley Household Hazardous Waste Collection 30,000

The Western Valley Regional Service Commission will continue to provide hazardous waste collection in their region.

Total Hazardous Materials	\$45,000
• Natural Areas	
96. Using Cutting-Edge Genomics to Monitor Salmon Aquaculture Impacts	25,000
University of New Brunswick - Saint John will develop and test a high-throughput method to better monitor coastal habitats.	
97. Community Engagement in Nature Reserve Stewardship	42,000
The Nature Conservancy of Canada will undertake stewardship actions to help mitigate threats to biological diversity and to engage New Brunswickers in the protection of natural areas.	
98. Hiker Footprint on Trails in Fundy Biosphere Reserve	40,000
Using a collaborative approach, the Fundy Biosphere Reserve will work to reduce any environmental impacts caused by trail usage.	
Total Natural Areas	\$107,000
• Other	
99. Evolution and Resilience of a Sandy System	7,700
The Université de Moncton - Shippagan campus will assess the resilience of sand dunes in the face of climate change by comparing their volume over time.	
100. Eco responsible Solutions for the Preservation and Revitalization of Agricultural Soils	15,000
Valores will research alternative means of cultivating soil that will reduce the amount of synthetic fertilizers necessary in traditional agriculture.	
101. Biodiversity: species count and barcoding in the Bay of Fundy	11,000
Using a citizen science approach, the Fundy Biosphere Reserve will encourage community members to identify seldom seen biodiversity at Hopewell Rocks.	
102. Study of the Vulnerability of Bivalves to Ocean Acidification	17,000
Université de Moncton - Shippagan campus will assess the effects of ocean acidification on oysters and clams.	
103. Sharing Climate Prediction Data in New Brunswick	18,500
The Commission de services régionaux Nord-Ouest will analyze climate data on a provincial scale.	
104. Coastal Flood and Erosion Risk Analysis for Belledune and Beresford	45,000
The Chaleur Regional Service Commission will examine historical and current data to develop a risk scale based on flood and erosion scenarios for the municipalities of Belledune and Beresford.	

105. Flood Risk and Erosion Analysis for the Central Peninsula 57,500

Commission de services régionaux #4 Péninsule acadienne will develop the tools needed for land-use planning and management to minimize the risks associated with a changing climate.

Total Other \$171,700

- Water Quality

106. Inventory, Monitoring and Restoration of Buffer Zones 51,000

The Bassins Versants de la Baie des Chaleurs will undertake buffer zone inventories of Louison River and Nash Creek as well as carry out monitoring and restoration work within their watershed.

107. Radionuclides, Tracers of Environmental Impacts 30,000

For use as an environmental indicator, the Université de Moncton will monitor the presence and concentration of radionuclides in the Kennebecasis watershed.

108. Madawaska River Watershed Restoration 23,500

The Société d'aménagement de la rivière Madawaska will undertake measures to improve water quality in Trout River.

109. Assessment of Eco-system Services in the Iroquois-Blanchette Watershed 33,900

The City of Edmundston will use a new assessment protocol to measure the importance of existing wetlands within the Iroquois-Blanchette watershed.

110. Protection Strategy Against Cyanobacteria for Lac Baker and Lac Unique 24,000

The Comité de l'aménagement rural du Nord-Ouest will address the blue green algae problem in Lac Unique and Lac Baker.

111. Assessment and Improvement of Water Quality of the Shediac Bay Watershed 45,000

The Association du bassin versant de la baie de Shédiac will continue assessing and monitoring water quality within their watershed.

112. Dog Waste Stations 10,600

The Red Dot Association of Shediac Bay will provide the public with an environmentally friendly way to dispose of pet waste.

113. Management of Cascading Reservoirs 35,000

The Université de Moncton will develop more accurate methods of estimating flood risks for cascading reservoirs.

114. EcoVision2025 - Implementing the Action Plan 50,000

The Town of Shediac will encourage its citizens to adopt more environmentally friendly practices.

115. Establishing a Pesticide Loading and Concentration Monitoring Network 45,000

UNB - Fredericton will develop a computer-based monitoring and forecasting system to predict pesticide loading and concentrations in streams.

116. Implementation of a Strategic Plan for the Pokemouche River Watershed 47,000

The Comité de Gestion Environnementale de la Rivière Pokemouche will continue with water quality monitoring, restoration of degraded areas, and promotion of the importance of natural ecosystem health.

117. Eutrophication of Coastal Waters - Rue du Rivage 30,000

The Town of Lamèque will carry out an assessment of the bay to determine the cause of a recurring odor issue.

118. Sustainable Management Strategy for Trois Milles Brook and Trout Brook 19,000

The Comité de l'aménagement rural du Nord-Ouest will carry out an in-depth assessment of the Trout and Trois Milles Brooks in order to better protect the water quality and ecosystem.

119. Protection of Water Resources in the Face of Cyanobacteria Outbreaks 20,000

The Société d'aménagement de la rivière Madawaska will work towards improving the water quality of Lac Baker and Lac Unique in order to reduce the proliferation of blue-green algae.

120. Monitoring and Preventing the Risks of Pollution in the Iroquois-Blanchette Watershed 17,000

The Comité de l'aménagement rural du Nord-Ouest will carry out monitoring and restorative work in the Iroquois and Blanchette Brook watershed.

121. Control Measures for Non-point Source Pollution of Snow Dumps 18,000

The City of Edmundston will monitor contaminants from snow dumps and assess methods to reduce their impacts.

122. Stewardship of Shediac Bay Ecosystems 45,000

The Shediac Bay Watershed Group will continue to monitor various water quality parameters in the area.

Total Water Quality \$544,000

- Water and Wastewater

123. Assessing the Impact of Deluge Rain Events in the Chamcook Watershed 12,000

Eastern Charlotte Waterways will develop an action plan to mitigate the damage caused by increased heavy rain events.

Total Water and Wastewater \$12,000

Total Protection \$879,700

Education:

- General Public

124. Community Engagement in Watershed Conservation 25,000

The Kennebecasis Watershed Restoration Committee will undertake educational and outreach programming for citizens of the watershed.

125. A Local and Ecological Farmers' Market 25,000

L'Écomarché Régionale à Beresford will encourage consuming locally grown food as well as reduce packaging and waste from the market.

126. Climate Change, Flooding and Land Use Practices: Taking Action for More Sustainable Rural Communities 6,500

Voices for Sustainable Environments and Communities will engage citizens in discussions related to climate change, including flooding and land use.

127. Renewables NB - Building a Greener Future Together 30,000

Falls Brook Centre will undertake community outreach around living more sustainably, growing the green economy network and reducing our environmental footprint.

128. Navigating Watershed Planning: Tools for municipalities and communicating with lakefront property owners 30,000

The Conservation Council of New Brunswick will build municipal capacity for watershed planning and encourage lakefront property owners to practice environmental stewardship.

129. Energy Efficient Boot Camp for Consumers 80,000

The Canadian Home Builders Association of New Brunswick will develop and deliver an energy efficiency educational program concerning new homes or renovations.

130. Green is not a trend - It's our future 10,000

This organization will promote cultural change towards sustainability through presentations to provincial schools and businesses.

131. Daly Point Nature Reserve Environmental Education and Wetland Protection 30,000

In partnership with the City of Bathurst, the Daly Point Nature Reserve will conduct an environmental education and outreach program.

132. Supporting Community Environmental Engagement and Collaboration 60,000

The New Brunswick Environmental Network will enhance citizen involvement in environmental issues through the provision of communication and networking services among environmental groups and other agencies.

133. Environmental Awareness and Education 23,000

Partenariat pour la gestion intégrée du bassin versant de la baie de Caraquet will raise public awareness on a variety of environmental issues.

134. Innovation in Education for a Sustainable New Brunswick 30,000
The New Brunswick Environmental Network will engage New Brunswickers in moving towards a culture of sustainability education under the Sustainability Education Alliance of New Brunswick.
135. Recycling in Rural Albert County – Collaborating for a Sustainable Community 15,000
Friends of Fundy /Fundy Guild will increase the recycling rate in Fundy National Park and rural Albert County.
136. Awareness of Soil Resources 20,000
Valores will educate the public and the agricultural industry about the importance of soil and how to preserve it.
137. Completing the Circle – Balancing of Family, Community and Ecosystems 20,000
The Neqotkuk Family Resource Center will help with re-establishing the traditional community dynamic in which all of nature is recognized as interconnected.
138. Drive Electric NB – Linking Municipal EV Strategies to Public Engagement 45,000
The New Brunswick Lung Association will help reduce air pollutants and greenhouse gases arising from gasoline and diesel fueled vehicles by promoting electric vehicles.
139. Wild Child Nature Immersion 20,000
Partnering with the Sierra Club Atlantic Foundation, Knowlesville Art and Nature Centre will establish a Wild Child nature education program in New Brunswick.
140. People and Peeps 22,000
The Nature Conservancy of Canada will educate the public on the ecology of mudflats, the biology of shorebirds and the importance of protecting their habitat.
141. Strengthening Bird Conservation and Environmental Stewardship 6,000
Fondation Québec-Labrador will implement projects and programming focused on protecting the environment while encouraging communities to be proactive in the fight against climate change.
142. From Budding Scientists to Expert Naturalists: Advancing Citizen Science 30,000
Nature NB will engage the community in a variety of citizen science-based conservation programs.
143. Environmental Science in our Communities 30,000
Science East will develop and deliver province-wide, science-based environmental education programs for youth and the general public.
144. Public Education on Protecting our Coastal Zones and Natural Infrastructure 15,000
Vision H2O will educate the public in the Cap-Pelé and Beaubassin East area about the importance of protecting coastal dunes and other natural features.

145. Climate Change Resiliency: adaptation through collaboration 32,000

The New Brunswick Environmental Network will connect climate change adaptation stakeholders on a regional and provincial level.

146. Building Sustainable Communities Through Environmental Education 30,000

The Cape Jourimain Nature Centre will offer a new program to educate the public about climate change at the local level and ways to mitigate its impacts.

147. Climate Dialogue -- Communicating with Citizens about Climate Change Solutions 55,000

The Conservation Council of New Brunswick will engage citizens in their role in emissions reduction and adapting to climate change.

148. Challenge - Eating Local! 35,000

The Coopérative agroalimentaire du Nord-Est will educate citizens of the Beresford region of the benefits of eating locally grown food.

149. Family Challenge Almost Zero Waste 30,000

The group Zero Waste will challenge local families to significantly reduce their waste.

150. Community Awareness on Eco-Responsible Management of Waste 35,000

Commission de services régionaux 3 will educate area residents about the various services offered to properly dispose of waste.

151. Beverage Container Program Public Education and Awareness 50,000

Eastern Recyclers Association will continue with their plan to increase the redemption of beverage containers.

152. Reduce, Reuse, Recycle, Refuse & Rethink - Waste Reduction Awareness Campaign 20,000

The Greater Miramichi Regional Service Commission will launch a comprehensive awareness campaign to reduce the amount of waste being landfilled.

153. Urban Agriculture as a Sustainable Local Solution to Climate Change 30,000

Really Local Harvest Co-op will knowledge-share with a view to empowering the community to take action for climate change mitigation.

154. Get Outside! NB - Creating Natural Leaders 10,000

The Canadian Parks and Wilderness Society will undertake a project to connect citizens to nature using our parks and protected areas as the natural backdrop.

155. Awareness Program on Natural Ecosystem Protection in Cap-Pelé and Beaubassin Est 20,000

The group Vision H2O will educate the public of the importance of protecting our natural ecosystems, biodiversity, habitat and wetlands.

156. Leading Youth in Learning that Promotes Critical Thinking on Sustainability in Support of Energy Reduction and Climate Change Adaptation and Mitigation Strategies 50,000

The Gaia Project will develop and deliver curriculum-based school energy projects aimed at increased energy literacy and knowledge of climate change.

157. Waste Reduction Campaign 55,000

The NB Waste Reduction Committee will conduct a province-wide educational program on proper waste management.

158. Environmentally Friendly/Zero Waste Living 20,000

The Town of Hartland will develop and present environmental talks on eco-friendly/zero waste living in rural NB.

159. Waste Reduction Education 20,000

The Western Valley Regional Service Commission will undertake a comprehensive educational campaign to promote their new curbside recycling program.

160. Electric Mobility Transition 25,000

The Association francophone des municipalités du Nouveau-Brunswick will work with stakeholders to inform the public about the environmental advantages of electric vehicles.

Total General Public \$1,089,500

- Other

161. Eco Responsible Snow Management 48,000

CCNB-INNOV will raise awareness amongst New Brunswick municipalities of the importance of using best practices in the management of snow dumps.

Total Other \$48,000

- Professional Education

162. Public Education and Applied Learning through Net-Zero Ready Smart Home Build 50,000

New Brunswick Community College will educate students about the conservation of land and energy through sustainable approaches to building design and construction.

163. Sustainable Environmental Management of Turf 10,000

The Plant Health Atlantic Council will continue to educate on how to manage turf pests using the principals of improved plant health and Integrated Pest Management.

164. Energy Efficient Builder Certification 100,000

The Canadian Home Builders Association will instruct the next generation of builders on how to construct net zero homes.

165. Beverage Container Redemption Center Training 35,000

Eastern Recyclers Association will develop business enhancement training modules for redemption centre owners, operators and staff.

166. Urban Teaching Farm 35,000

New Brunswick Community Harvest Gardens will focus on regenerative agriculture which will positively impact our environment and local food security.

167. Improving New Brunswick Watercourse Alteration Certification 70,000

The Maritime College of Forest Technology will enhance their educational program which ensures forestry professionals are able to protect watercourses from negative environmental impacts.

168. BRACE: Natural and Nature-Based Infrastructure Capacity Building for Engineers, Land Use Planners and Environmental Organizations 40,000

The New Brunswick Environmental Network will build capacity to better utilize natural and nature-based infrastructure principles, processes and projects into climate change adaptation.

Total Professional Education \$340,000

- Publications/Displays

169. Green Fair 25,000

A second Green Fair will be undertaken by the Kent Regional Service Commission in order to raise awareness of proper waste disposal methods as well as regional recycling and composting programs.

170. Sustainability Exhibits 20,000

The Central New Brunswick Woodmen's Museum will take actions to increase their sustainability and educate the public about sustainability and the role of forests in a healthy environment.

171. Enhanced Recycling Education 20,000

A comprehensive educational program will be developed by Fredericton Region Solid Waste in order to increase the amount of materials being recycled.

Total Publications/Displays \$65,000

- School-based Programs

172. Inspiring Children & Youth by Promoting Environmental Awareness within the Esengoôpetitj and Tabusintac Watersheds 50,000

A school educational program on ecosystems and biodiversity will be developed by the Esengoôpetitj Watershed Association.

173. Forestry Show: Development of Interactive Workshops for Schools 55,000

The Salon de la Forêt will educate students on the importance of the forest and the role it plays in our lives.

174. Meduxnekeag Outdoor Environmental Education 45,000

The Meduxnekeag River Association will provide students with a curriculum-linked learning opportunity that will broaden their understanding of how they are connected to the natural environment.

175. Envirothon 40,000

Envirothon, coordinated by the Science East Association, increases French and English high school students' knowledge of environmental issues and ecological sustainability principles through practical studies in their regions, as well as a provincial competition.

176. Southeast Waste Management Student Education Guide 25,000

Southeast Regional Service Commission will provide students with tours of their waste management facility to complement in-class learning.

177. Sort Your Trash: A School Education Campaign 10,000

The Greater Miramichi Regional Service Commission 5 will create a fun, interactive environmental educational program for school children.

178. 3% Project - Tour 3 & 4 5,000

The Foundation for Environmental Stewardship will teach students how to identify, analyze, and develop solutions to their community's greatest sustainability challenges.

179. Young Stewards for Sustainability: actions to fight Climate Change 40,000

Local projects addressing climate change will be undertaken by students and the general public with the guidance of the Groupe de développement durable du Pays de Cocagne.

180. Earth Rangers School Outreach Program 25,000

Earth Rangers Foundation will educate children about biodiversity, inspiring them to adopt sustainable behaviours and empowering them to become involved in habitat protection.

181. Eco-Logic 15,000

The Hammond River Angling Association will provide students with educational programs that raise environmental awareness and foster stewardship.

182. Outdoor Environmental Education 25,000

An educational garden and outdoor classroom will be designed and built at Dorchester Consolidated School by the Regional Centre of Excellence on Education-Tantramar.

183. Watch Your Paws – Motivating Students for Nature Conservation Action 5,000

The Canadian Parks and Wilderness Society - NB Chapter will deliver their bilingual nature conservation education program to elementary school students.

184. Enviromania 20,000

Partners for Youth will continue their "Enviromania" program, an experiential learning project based on the "Leave No Trace" ethic and living a life of minimal impact.

185. Garden Creek Outdoor Classroom and Orchard 10,000

The Garden Creek Garden Club will provide indoor and outdoor gardening experiences for its students.

186. Producing Eco Citizens 40,000

Falls Brook Centre will empower youth in responsible ecological citizenship through sustainable rural community initiatives and biodiversity activities.

187. 7 Generations 30,000

The Fédération des jeunes francophone du Nouveau-Brunswick will help high school students to create and implement sustainable development projects within their communities.

188. Fish Friends 10,000

The New Brunswick Salmon Council will provide classrooms with incubation systems and educational material so they are able to participate in the Fish Friends Program.

189. Climate Change Education Plan: Incorporating climate change into education at all levels 100,000

The Gaia Project will develop and move forward with a Climate Change Education Plan for New Brunswick schools.

190. Youth Engagement in Environmental Stewardship 20,000

St. Croix Estuary Project's YEES program will empower youth to become stewards of our natural resources.

191. Wetland Centres of Excellence 30,000

Ducks Unlimited Canada will expand the scope of its current wetland education program through the establishment of a network of schools designated as Wetland Centres of Excellence.

192. Wetland Field Trip Program 35,000

Ducks Unlimited Canada's Grade 4 Wetland Field Trip Program will utilize innovative methods to increase student awareness of the importance of wetland habitat to wildlife and a healthy environment.

193. Developing Wetlands Awareness in Today's Youth for Tomorrow's Leaders 30,000

The Tantramar Wetlands Centre will continue to offer wetland educational experiences illustrating the importance of wetland conservation and their environmental benefits.

Total School-based Programs \$665,000

Total Education \$2,207,500

Conservation:

- Energy Conservation

194. Awareness of Energy Consumption Among Youth 4,600

The Comité du Nouvo parc TDJ will educate students of the Acadian Peninsula on how to reduce home energy consumption.

195. Economic Impact of Community Energy Plans 35,000

QUEST - Quality Urban Energy Systems of Tomorrow will articulate the benefits of implementing Community Energy Plans in municipalities.

196. 'ReNew-It' - Making homes greener and warmer 40,000

Habitat for Humanity Moncton will develop and launch the 'ReNew-It' program which will encourage low-income earners to make their homes more energy efficient.

Total Energy Conservation \$79,600

- Other

197. Carbon Flux Between Natural Peatland in Operation and Restored 24,800

Valores will review existing literature on various stages of peat land in Canada in order to develop a model for New Brunswick.

198. Developing a Warm Water Protocol for the Restigouche River 6,500

The Restigouche Watershed Management Council will work towards the establishment of a warm water protocol for the watershed.

Total Other \$31,300

- Waste Management

199. Debris Free Fundy Project 50,000

The Huntsman Marine Science Centre will study the issue of marine debris in the Bay of Fundy and inspire environmental stewardship through community engagement.

200. Beverage Container Program Handling Fees 10,000

Eastern Recyclers Association will conduct a comprehensive study to examine the sustainability of the current beverage container handling system.

201. Off the Road Tires Stakeholder Dialogue 50,000

Recycle New Brunswick will put in place a recycling program for off the road tires.

202. Minlak Recycling 20,000

Minlak Recycling, in cooperation with the Fredericton Regional Service Commission, will continue to provide a drop-off and sorting facility in the Minto area. A recycling educational campaign will also be undertaken.

203. Recycling in Restigouche 35,000

The Restigouche Regional Service Commission will continue to inform citizens about proper waste management.

204. Citizens Education on the Door to Door Collection of Recyclable Material 60,000

The Commission de services régionaux Nord-Ouest will launch a region-wide educational campaign concerning the door to door collection of recyclable material.

205. Student Carbon Footprint Reduction 15,000

The Geary Home and School Association will increase local environmental stewardship by decreasing waste, initiating a composting program and adding an outdoor learning space at the community school.

206. Reducing Food Waste & Packaging 25,000

The Southeast Regional Service Commission will undertake actions to reduce food and food-packaging waste in their region.

207. NB Provincial Waste Characterization 100,000

Southeast Regional Service Commission 7 will conduct a provincial waste characterization study as a foundation for the Provincial Solid Waste Strategy and future waste management programs.

208. 3 Stream Waste Composition Audit and Education Campaign 35,000

Regional Service Commission 8 will continue to inform the public about the newly implemented three stream sorting system.

209. Backyard Composting Educational Program 40,000

Through implementation of a backyard composting and educational program, the Southwest NB Service Commission will work with communities to reduce waste being landfilled.

210. Neqotkuk Youth and Elder Education on Managing Waste 15,000

Tobique First Nation will engage and inform elders and youth of the environmental benefits of the Neqotkuk Solid Waste Management Program.

211. Packaging and Printed Paper Dialogue Stakeholder Engagement 90,000

Recycle NB will continue dialogue with stakeholders concerning extended producer responsibility and a program to address waste packaging and paper.

212. Increasing Participation in 3-stream Waste Sorting 35,000

Southeast Regional Service Commission 7 will enhance their educational campaign aimed at increasing recycling and composting in the region.

213. Diversion Audit and Improvement 35,000

Fundy Regional Service Commission will conduct an audit of their diversion programs and implement an education campaign based on the results.

Total Waste Management \$615,000

- Water Conservation

214. Catching the Rain and Water Conservation 20,000

Bathurst Sustainable Development will strive to decrease potable water usage in schools, municipalities and community gardens.

215. Changing Climate Initiatives: Water Sustainability 25,000

Bathurst Sustainable Development will undertake activities to help conserve our drinking water resources.

216. Raising Awareness on Rain Water Management and Water Conservation 35,000

The Shediac Bay Watershed Association will educate the public on how to conserve drinking water and better manage rain water.

Total Water Conservation \$80,000

- Wetland/Habitat Management

217. Capacity Building Through Strategic Landowner Outreach 30,000

The Nature Trust of New Brunswick will utilize a stewardship group model in order to maximize conservation of our most cherished natural areas.

218. Improving Maps of New Brunswick's Salt Marsh Areas 25,000

Utilizing LiDAR data and calculations of tidal heights from the Canadian Hydrological Survey, McGill University will increase the accurately marsh delineation.

219. Protecting and Stewarding Ecologically-Sensitive Riparian Habitats 40,000

The Nature Trust of New Brunswick will improve the long term stewardship of the ecologically-sensitive wood turtle, Species at Risk and other wildlife habitat.

220. BiotaNB 2019: Kennedy Lakes 60,000

The New Brunswick Museum will co-ordinate a biological inventory of the Kennedy Lakes Protected Natural Area.

221. Wet-Areas Mapping Initiative 50,000

The Faculty of Forestry & Environmental Management will produce data layers that will facilitate regulatory and development planning for wetlands.

222. Population Viability Analysis – Protocols for Maintaining Acadian Forest Biodiversity 28,000

The Fundy Model Forest will develop Population Viability Analysis protocols to help reduce the potential impacts of forest practices on our natural habitat.

223. Pollinator Habitat Restoration with Community Gardens and Citizen Science 10,000

Friends of the Fundy/Fundy Guild Inc. will lead a community engagement effort to help in the recovery of pollinator species by increasing available habitat.

224. Biodiversity Data for Sustainable Development 10,000

The Atlantic Canada Conservation Data Centre will enhance their biodiversity database and make the information available to regulators.

225. Protection of Coastal Habitat and Piping Plovers in the Acadian Peninsula 17,000

Nature NB will continue to protect the coastal zone with an emphasis on the protection of the Piping Plover.

226. Learning Outside: Linking nature to curriculum and engaging students 40,000

The Conservation Council of New Brunswick will ensure schools have the opportunity to engage in the natural world through outdoor curriculum-linked activities.

227. Identifying Shared Values and Fostering Stewardship of Coastal Ecosystems 7,400

Focusing on the productive coastal ecosystems of Escuminac and Pointe Sapin, Bird Studies Canada will continue a series of successful stewardship projects.

228. Habitat Restoration & Stewardship Planning in the Petitcodiac Watershed 27,000

Water quality and natural habitat improvement activities will be undertaken along Pollett River by the Fort Folly Habitat Recovery organization.

229. Implementing Wetland Ecosystem Services Protocol for Atlantic Canada 40,000

The Tabusintac Watershed Association will partner with other organizations to implement the Wetland Ecosystems Services Protocol within their watershed.

Total Wetland/Habitat Management \$384,400

Total Conservation \$1,190,300

Beautification:

- Shore Line Clean-up

230. Algae Cleanup 20,000

The Town of Lamèque will continue harvesting algae that washes up on the shore along rue du Rivage.

231. Beach Sweep 20,000

Partenariat pour la gestion intégrée du bassin versant de la baie de Caraquet will coordinate shoreline clean-ups from Campbellton to Cap-Pelé.

232.	Island-Wide Beach Clean-up	10,000
	The Rural Community of Campobello Island will undertake shoreline clean-ups.	
	Total Shore Line Clean-up	\$50,000
	Total Beautification	\$50,000
	Total 2019-2020 ENVIRONMENTAL TRUST FUND PROJECTS	\$7,541,400