Canada Community-Building Fund 2017-2020 Outcomes Report

DEPARTMENT OF ENVIRONMENT AND LOCAL GOVERNMENT

New Nouveau Brunswick

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Department of Environment and Local Government

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Table of Contents

03 ACRONYMS AND DEFINITIONS

04 EXECUTIVE SUMMARY

05 STRATEGIC PLANNING

06 ABOUT THE CANADA COMMUNITY-BUILDING FUND

08 APPROACH AND METHODOLOGY

09 SUMMARY OF COMPLETED PROJECTS

21 FEATURED PROJECTS

31 ASSET MANAGEMENT

32 INCREMENTALITY

33 CONCLUSION

34 APPENDIX A: PERFORMANCE MEASUREMENT FRAMEWORK

40 APPENDIX B: LIST OF COMPLETED INCORPORATED AREA PROJECTS

53 APPENDIX C: LIST OF COMPLETED UNINCORPORATED AREA PROJECTS

Acronyms and Definitions

The following list of acronyms, abbreviations and definitions will assist readers of the report.

ACRONYMS AND ABBREVIATIONS:

AER	Annual Expenditure Report
CCBF	Canada Community-Building Fund
CIP	Capital Investment Plan
GHG	greenhouse gas
GTF	Gas Tax Fund (CCBF former name)
K	thousand
km	kilometre
kWh	kilowatt hour
m	meter
M	million

DEFINITIONS:

Agreement	Canada – New Brunswick Administrative Agreement on the Federal Gas Tax Fund 2014 – 2024
Canada	Government of Canada
Department	New Brunswick Department of Environment and Local Government
Incorporated Area(s)	One or more local government (municipality, rural community, regional municipality) and any other public authority responsible for delivering local services in New Brunswick, if that authority has been given the said responsibility by statute.
Incrementality	Refers to the intent by which New Brunswick ensures that annual capital infrastructure investments equal or exceed the approved Municipal Base Amount average of $46.5 M as well as the Provincial Base Amount of $11.2 M as set in the agreement.
NB Communities	New Brunswick Communities is inclusive, referring to local governments and unincorporated areas.
Province	Province of New Brunswick
Report	New Brunswick Outcomes Report
Reporting Period	Results are reported for projects completed in: • Incorporated Areas during the period January 1, 2017 to December 31, 2020 (end of municipal fiscal year); and • Unincorporated Areas during the period April 1, 2017 to March 31, 2021 (end of the provincial fiscal year).
Ultimate Recipient(s)	Includes local governments, Regional Service Commissions, water and wastewater commissions, community groups, government departments and agencies and any other organizations delivering projects for public use and benefit.
Unincorporated Area(s)	An area or areas outside the territorial limits of a local government, which is established as an Unincorporated Area.

Executive Summary

The Canada Community-Building Fund (CCBF) is a permanent source of funding provided to provinces, territories or municipal associations by the Government of Canada. For almost two decades, the CCBF (formerly called the Gas Tax Fund) has been working in New Brunswick to assist in the construction, renewal, and material enhancement of infrastructure that supports safe, healthy, sustainable, and vibrant communities. The recipients of the funding include local governments, Regional Service Commissions, water and wastewater commissions, community groups, government departments and agencies, and other organizations that deliver projects for public use and benefit. This report from the Department of Environment and Local Government provides details of outcomes of infrastructure projects completed in the reporting period with assistance from the CCBF. Reporting on outcomes of CCBF projects is required every five years both to Canada and the general public.

During this reporting period, 335 infrastructure projects were completed in communities across New Brunswick. The projects all relate to the three national priorities of the CCBF: clean environment, productivity and economic growth, and strong cities and communities. The total cost of these infrastructure projects completed in New Brunswick during this reporting period was $286,662,856. The contribution from the CCBF was $200,354,357. The distribution of funds among the three priority areas is outlined in the chart below.

National Objective	Number of Projects Completed	Total Cost of Completed Projects	Total CCBF Contribution
Clean Environment	**127**	**$131,115,760**	**$111,445,729**
Productivity and Economic Growth	**106**	**$101,258,976**	**$71,815,723**
Strong Cities and Communities	**102**	**$54,288,129**	**$17,092,905**
Grand Total	**335**	**$286,662,865**	**$200,354,357**

Among the projects completed in NB communities were improvements to local roads and bridges, walking trails and cycling lanes; the extension of a local airport runway; the construction of a new theatre; the installation and upgrading of drinking water and wastewater infrastructure; investments in public transit, recycling programs, tourism, recreational, and cultural facilities; and building community resiliency to climate change.

During the four-year reporting period covered by this Outcomes Report, 317 projects were completed in incorporated areas (see Appendix B), and 18 projects completed in unincorporated areas (See Appendix C) of New Brunswick. The largest project areas were related to drinking water and wastewater infrastructure, and upgrades to local roads and bridges. The drinking water projects included the installation or replacement of 64,822 metres of water lines, and 32,548 metres of wastewater lines. The roads and bridges projects included 1,175 kilometres of improvements. Other projects included infrastructure related to public transportation, cultural, tourism and recreation facilities, and disaster mitigation. The benefits of these infrastructure projects in communities across New Brunswick will extend long into the future.

Strategic Planning

The CCBF provides predictable, long-term funding for infrastructure projects in NB communities. The Department of Environment and Local Government administers the distribution of the CCBF in New Brunswick and has developed a strategic plan to manage the funding over the long term. The Department recognizes that effective strategic planning is critical to track and measure outcomes during the process of identifying, planning, and completing infrastructure projects that often are completed over several years.

The Department's strategic plan ensures that CCBF funding in New Brunswick is allocated in both incorporated and unincorporated areas. The strategic plan recognizes that local communities are in the best position to identify projects that address their priorities and needs. Many local priorities address the provincial infrastructure deficit in roads and bridges, drinking water and wastewater infrastructure. The CCBF has created opportunities for infrastructure renewal in areas where without the Fund, projects would not be possible.

According to the strategic plan, 80 per cent of the CCBF in New Brunswick is allocated to incorporated areas. The remaining 20 per cent of the CCBF in New Brunswick is reserved for communities in unincorporated areas and is allocated based on regional needs and local priorities. Until 2020, funding in unincorporated areas was largely allocated in the categories of drinking water and wastewater, with a focus on projects that could not access funding from other infrastructure programs. As a result, the CCBF has helped New Brunswick residents in unincorporated areas access safe drinking water and resolve long-standing wastewater collection and treatment issues.

In 2020, new priorities were identified for unincorporated areas. These new project areas include funding multi-purpose infrastructure developments that offer complementary benefits such as wellness, improved transportation networks, and tourism facilities, with a focus on upgrading existing infrastructure rather than new construction. These new priorities include upgrades to existing recreational, tourism, and cultural infrastructure in general. As the CCBF program moves into these new areas, the Department's strategic plan for the CCBF will continue to promote best practices in asset management to ensure funding is invested in the right places at the right times.

About the Canada Community-Building Fund

The CCBF delivers over $2 billion every year to approximately 3,600 communities across the country. The Government of Canada distributes funding from the CCBF on a predictable twice-a-year schedule to provinces and territories that in turn transfer this funding to municipalities to support local infrastructure priorities (projects in unincorporated areas are reimbursed on a claims basis). Municipalities and local communities can pool, bank, and borrow against this funding, offering significant financial flexibility for multi-year projects. The name of this fund was changed in 2021 from the Gas Tax Fund (GTF) to the Canada Community-Building Fund (CCBF), but the objectives and requirements of the fund remained the same.

The funding has supported approximately 4,000 projects across Canada each year. Communities select how best to direct the funds with the flexibility to make strategic investments across the following 19 project categories that are grouped based on the three national objectives of the program:

Clean Environment

- **Community Energy Systems**
- **Drinking Water**
- **Solid Waste**
- **Wastewater**
- **Brownfield Redevelopment**

Productivity and Economic Growth

- **Local Roads and Bridges**
- **Public Transit**
- **Regional and Local Airports**
- **Broadband Connectivity**
- **Highways**
- **Short-line Rail**
- **Short-sea Shipping**

Strong Cities and Communities

- **Cultural Infrastructure**
- **Disaster Mitigation**
- **Recreational Infrastructure**
- **Sport Infrastructure**
- **Tourism Infrastructure**
- **Capacity Building**
- **Fire Halls**

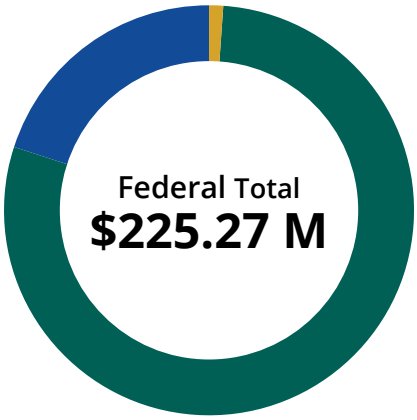
In New Brunswick, the CCBF delivers over $45 million every year to communities throughout the province. The funding reaches local governments according to a formula set out in a specific Canada-New Brunswick agreement. The focus of this agreement is to ensure that the funding is used for the construction, renewal, or material enhancement of infrastructure in NB communities, both incorporated and unincorporated. This infrastructure funding program began in 2005–06 with the signing of the Canada-New Brunswick Agreement on the Transfer of Federal Gas Tax Revenues under the New Deal for Cities and Communities 2005–2015 that provided $294.5 million to NB communities. In 2011, the federal government announced that this funding program would include a permanent annual investment of $2 billion beyond 2014, across Canada. Funding for First Nations communities is delivered by Indigenous Services Canada as part of the First Nations Infrastructure Fund.

On May 20, 2014, the Administrative Agreement on the Federal Gas Tax Fund (2014–2024) was signed between Canada and New Brunswick and this agreement remains the guiding document for the reporting period in this Outcomes Report. The breakdown of funding under this agreement is outlined in the table below.

PHASE III OF GTF (2014–19)

- **Administrative Portion – $3.04 M**
- **Incorporated Areas* – $177.78 M (80%)**
- **Unincorporated Areas* – $44.45 M (20%)**

* *Per cent of remaining allocation after administrative portion is removed.*

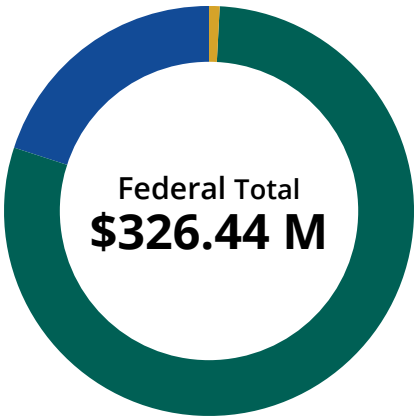


Two allocation top-ups from Canada were received in Phase IV of the program. The 2018–19 top-up, received in 2019–20, was $47,654,522, and the 2020–21 top-up was $45,098,015. The amounts were shared between incorporated areas and unincorporated areas at 80 per cent and 20 per cent respectively.

PHASE IV OF CCBF (2019–24)

- **Administrative Portion – $3.15 M**
- **Incorporated Areas* – $258.63 M (80%)**
- **Unincorporated Areas* – $64.66 M (20%)**

* *Per cent of remaining allocation after administrative portion is removed.*



Approach and Methodology

In New Brunswick, CCBF funding outcomes are measured through a performance management framework that assigns quantitative performance indicators to each project category. This data is then aggregated and made available to the public in a provincial Outcomes Report.

The Government of New Brunswick developed performance indicators (see Appendix A) based on a draft list of indicators shared by Infrastructure Canada in the fall of 2014. Staff from the Department of Environment and Local Government developed indicators that apply specifically to New Brunswick but also align with indicators more appropriate for provinces with large urban centres. In New Brunswick, the performance indicators primarily track outputs, such as change in the litres per day capacity of drinking water distributed, the number of kilometres of improved or resurfaced roads, the number of retrofitted buildings, and the number of projects completed that increase resiliency to climate change. Baseline data has been collected for some indicators such as "Decrease in energy usage (kWh/year)" so the Department can track total kWh for one year prior to the start of the project and one year after project completion to determine the savings.

Local governments submit outcomes reports on an annual basis to the Department that measure the indicators achieved each year. For projects in unincorporated areas, Department staff managing each project remain in close contact with ultimate recipients to collect key indicators data at the end of the projects. Indicators and financial information have been aggregated by category for inclusion in this report.

Summary of Completed Projects

The tables below show the number of CCBF funded projects and financial information grouped according to the national objective. Further tables illustrate outputs and outcomes, and output and outcome indicators, according to project categories. This data illustrates the beneficial impacts of completed eligible projects in NB communities.

In the area of Clean Environment, the CCBF supported 127 projects with a total cost of $131,115,760 and a total CCBF contribution of $111,445,729. Here is the breakdown of investments by category:

Drinking Water

There were 51 CCBF projects completed in 35 NB communities. These projects included water distribution system construction, watermain replacement or lining, and work related to water reservoirs, water treatment facilities and booster stations.

Number of Projects Completed	Total Cost of Completed Projects	Total CCBF Contribution
51	$71,762,069	$65,713,692

Wastewater

There were 53 projects completed in 41 NB communities. The projects included construction of wastewater systems, sewer line replacement, construction of drainage basins, improvements to storm sewers, and upgrades to lift stations.

Number of Projects Completed	Total Cost of Completed Projects	Total CCBF Contribution
53	$56,250,171	$43,771,552

Community Energy Systems

There were 15 projects completed in 13 NB communities. The majority of the projects were related to upgrading heating systems for energy efficiency, and the installation of energy efficient measures such as new lighting, windows, and insulation.

Number of Projects Completed	Total Cost of Completed Projects	Total CCBF Contribution
15	$2,327,464	$1,190,363

Solid Waste

There were eight projects completed in six NB communities. Most projects related to the implementation of recycling programs.

Number of Projects Completed	Total Cost of Completed Projects	Total CCBF Contribution
8	$776,056	$770,122

In the area of Productivity and Economic Growth, the CCBF supported 106 projects with a total cost of $101,258,976 and a total CCBF contribution of $71,815,723. Here is the breakdown of investments by category:

Local Roads and Bridges

There were 104 projects completed in 61 NB communities. The majority of projects were for street reconstruction and resurfacing, sidewalk reconstruction, new crosswalks, and bicycle lanes.

Number of Projects Completed	Total Cost of Completed Projects	Total CCBF Contribution
104	$99,225,384	$70,865,413

Public Transit

This project was to renovate an existing building to accept transit bus storage bays.

Number of Projects Completed	Total Cost of Completed Projects	Total CCBF Contribution
1	$250,310	$250,310

Regional and Local Airports

This project was to upgrade and extend the landing strip at an airport.

Number of Projects Completed	Total Cost of Completed Projects	Total CCBF Contribution
1	$1,783,282	$700,000

In the area of Strong Cities and Communities, the CCBF supported 106 projects with a total cost of $54,288,129 and a total CCBF contribution of $17,092,905. Here is the breakdown of investments by category:

Capacity Building

These projects involved 50 NB communities, mainly for asset management planning.

Number of Projects Completed	Total Cost of Completed Projects	Total CCBF Contribution
42	$2,502,251	$1,409,906

Cultural Infrastructure

These projects involved nine NB communities and were mostly related to upgrades to theatres, libraries, and heritage centres.

Number of Projects Completed	Total Cost of Completed Projects	Total CCBF Contribution
10	$9,648,646	$5,457,890

Disaster Mitigation

These projects in two NB communities installed valves in storm sewers and improved well controls, both to prevent flooding.

Number of Projects Completed	Total Cost of Completed Projects	Total CCBF Contribution
2	$158,334	$158,334

Recreational Infrastructure

These projects involved 20 NB communities, and included the construction of community parks, walking trails, playgrounds, improvements to community centres.

Number of Projects Completed	Total Cost of Completed Projects	Total CCBF Contribution
28	$10,906,257	$4,695,443

Sport Infrastructure

These projects involved eight NB communities, and included arena reconstruction, construction of pickleball and basketball courts, upgrades to tennis courts, and providing arena access for people with reduced mobility.

Number of Projects Completed	Total Cost of Completed Projects	Total CCBF Contribution
9	$3,501,058	$2,306,816

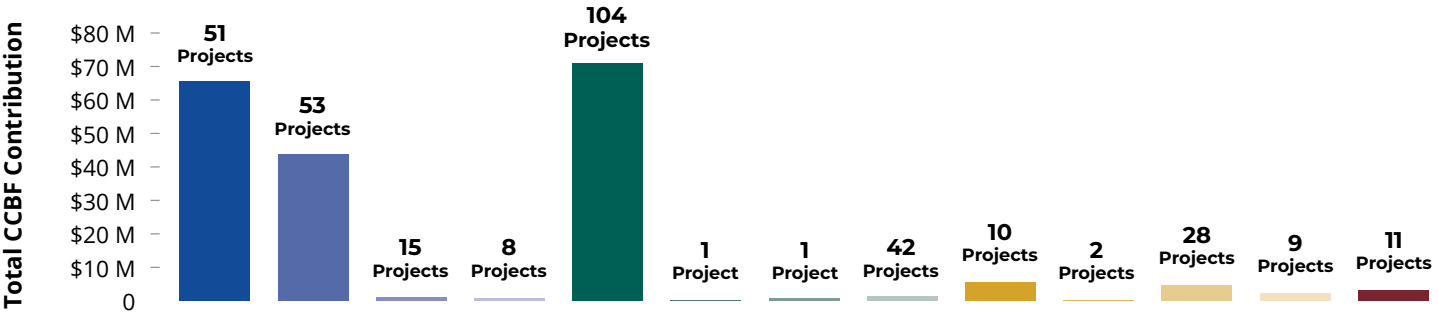
Tourism Infrastructure

These projects involved nine NB communities and included enhancements to parks and waterfront, upgrading rest areas, and improvements to a light house.

Number of Projects Completed	Total Cost of Completed Projects	Total CCBF Contribution
11	$27,571,583	$3,064,516

TOTAL CONTRIBUTION AND PROJECT DISTRIBUTION

The graphic below summarizes the CCBF contribution for the reporting period. A total of 335 projects with a total CCBF contribution of $200,354,357 were supported.



- Drinking Water (51)
- Wastewater (53)
- Community Energy Systems (15)
- Solid Waste (8)
- Local Roads and Bridges (104)
- Public Transit (1)
- Regional and Local Airports (1)
- Capacity Building (42)
- Cultural Infrastructure (10)
- Disaster Mitigation (2)
- Recreational Infrastructure (28)
- Sport Infrastructure (9)
- Tourism Infrastructure (11)

These investments from the CCBF program have leveraged $86.3 M during the reporting period from ultimate recipients, residents, funding from the Government of New Brunswick, and the private sector.

As set out in the administrative agreement, reporting on outputs and outcomes provide information about beneficial impacts of completed eligible projects funded by the CCBF in communities throughout New Brunswick. An output is an immediate, easily measured result of a project. The output indicator is the data point collected in order to measure and report on the result. An outcome is a statement of an expected result, impact or benefit. The outcome indicator is the data point collected in order to measure and report on the result.

In the table below, the standardized output indicators and amounts for mandatory project categories provide information on the immediate results of projects. The output indicators for these five categories are reported at the national level by all other jurisdictions, which allows the federal government to compile this data into a national story about the benefits of the CCBF program in communities across the country. In the identified project categories, 153 of the 220 New Brunswick projects that were completed during the reporting period contributed to the output indicators tracked at the national level.

Standardized Outputs for Mandatory Project Categories

Project Category	Output Indicator	Output Indicator Amount	Number of Reported Projects Contributing to Output Indicator
 **Local Roads and Bridges**	# of completed projects that received investments under the Local Roads and Bridges category	104	–
	Existing roads resurfaced/improved (length Km)	1,175	82
 **Drinking Water**	# of completed projects that received investments under the Drinking Water category	51	–
	Water meters installed (count)	78	2
	Water lines installed/received investment (Length m)	64,822	23
 **Wastewater**	# received investments under the Wastewater category	53	–
	Wastewater pipe installed/received investment (length m)	32,548	34
 **Public Transit**	# of completed projects that received investments under the Public Transit category	1	–
	Existing public transit facilities that received investment (count)	1	1
 **Tourism Infrastructure**	# of completed projects that received investments under the Tourism Infrastructure category	11	–
	New tourism infrastructure asset constructed and/or acquired (count)	4	4
	Existing tourism infrastructure assets that received investment (count)	7	7

In the table below, the standardized outcome indicators and amounts for mandatory project categories provide information on the long-term benefits of projects and the CCBF program in general. The outcome indicators for these five categories are reported at the national level by all other jurisdictions, which allows the federal government to compile this data into a national story about the benefits of the CCBF program in communities across the country. In the identified project categories, 92 New Brunswick projects were completed that contributed to the outcome indicators tracked at the national level.

Standardized Outcomes for Mandatory Project Categories

Project Category	Outcome	Outcome Indicator	Outcome Indicator Amount	Number of Reported Projects Contributing to Outcome Indicator
 **Local Roads and Bridges**	Improved road infrastructure	# of kilometres of road with improved physical condition	1,175	82
 **Drinking Water**	Increased access to drinking water	# of new households (and/or non-residential properties) connected to municipal drinking water system	214	3
 **Wastewater**	Increased access to wastewater treatment	# of new households connected to municipal wastewater system	95	3
		Increase in volume of wastewater treated (litres/day)	164,000	1
 **Public Transit**	Improved public transit facilities	# of facilities receiving investment	1	1
 **Tourism Infrastructure**	Improved access to tourism infrastructure	Increase in visitors to the community as a result of the investment (count)	37,584	2

This report also includes additional project outputs and outcomes and output and outcome indicators collected in New Brunswick. The Department has developed indicators that apply specifically to New Brunswick but align with indicators used in provinces with large urban centres. The data from additional indicators provide more information on results achieved through completed CCBF projects in New Brunswick.

The following table provides details of additional outputs and output indicators that the Department has collected from New Brunswick recipients that are not necessarily reported by all other provinces or territories. In all project categories, 201 projects were completed that contributed to the additional output indicators tracked in New Brunswick.

Additional Outputs for All Project Categories

National Objective	Project Category	Output Indicator	Output Indicator Amount	Number of Reported Projects Contributing to Output Indicator
Clean Environment	 **Drinking Water**	**Drinking Water Infrastructure**		
		Change in capacity of water distributed (litres/day)	2,439,000	2
		Change in water storage capacity (litres/day)	926,000	1
		Wastewater Infrastructure		
		# of metres of wastewater pipes added, repaired or replaced	28,040	14
		Local Roads and Bridges Infrastructure		
		# of km improved/resurfaced to a prov. Standard	3,419	7
		# of km of path/sidewalk/hiking & walking trails or cycling lanes built	0.84	1
	 **Wastewater**	**Drinking Water Infrastructure**		
		# of metres of water pipes added, repaired or replaced	8,023	3
		Local Roads and Bridges Infrastructure		
		# of km improved/resurfaced to a prov. Standard	0.562	3
		# of km of path/sidewalk/hiking & walking trails or cycling lanes built	0.14	1
	 **Community Energy Systems**	# of completed projects that received investments under the Community Energy Systems category	15	–
		# of buildings retrofitted (count)	6	6

Additional Outputs for All Project Categories

National Objective	Project Category	Output Indicator	Output Indicator Amount	Number of Reported Projects Contributing to Output Indicator
	 **Solid Waste**	# of completed projects that received investments under the Solid Waste category	8	–
		# of upgraded facilities	1	1
		Increased quantity of solid waste diverted from disposal through compost and/or recycling (metric tonnes/year)	362	4
Productivity and Economic Growth	 **Local Roads and Bridges**	**Local Roads and Bridges Infrastructure**		
		# of km of path/sidewalk/hiking & walking trails or cycling lanes built	39.3	32
		Drinking Water Infrastructure		
		# of metres of water pipes added, repaired or replaced	4,304	9
		Wastewater Infrastructure		
		# of metres of wastewater pipes added, repaired or replaced	12,996	26
	 **Regional and Local Airport**	# of completed projects that received investments under the Regional and Local Airport category	1	–
		Length of runway extension (m)	122	1
Strong Cities and Communities	 **Recreational Infrastructure**	# of completed projects that received investments under the Recreational Infrastructure category	28	–
		# of new facilities	17	17
		# of upgraded facilities	11	11
		# of km of recreational trails built or extended or improved	3.2	2

Additional Outputs for All Project Categories

National Objective	Project Category	Output Indicator	Output Indicator Amount	Number of Reported Projects Contributing to Output Indicator
Strong Cities and Communities	Tourism Infrastructure	# of projects with regional benefits	2	2
		# of km improved/resurfaced to a prov. Standard	6.9	1
	Cultural Infrastructure	# of completed projects that received investments under the Cultural Infrastructure category	10	–
		# of new cultural facilities	5	5
		# of upgraded cultural facilities	5	5
	Sport Infrastructure	# of completed projects that received investments under the Sport Infrastructure category	9	–
		# of new facilities	1	1
		# of upgraded facilities	8	8
	Disaster Mitigation	# of completed projects that received investments under the Disaster Mitigation category	2	–
		# of projects increasing resiliency to climate disasters	2	2
	Capacity Building	# of completed projects that received investments under the Capacity Building category	42	–
		# of communities benefiting from improved municipal planning	50	36

This report also includes the following table that provides details of additional outcomes that the Department has collected from New Brunswick recipients that are not necessarily reported by all other provinces or territories. In all project categories, 102 projects were completed that contributed to the additional outcome indicators tracked in New Brunswick.

Additional Outcomes for All Project Categories

National Objective	Project Category	Outcome	Outcome Indicator	Outcome Indicator Amount	Number of Reported Projects Contributing to Outcome Indicator
Clean Environment	 Drinking Water	**Drinking Water Infrastructure**			
		Improved Drinking Water Treatment Systems	# of households (and/or non-residential properties) connected to municipal water system that will benefit from increased service reliability	11,209	15
			# of households (and/or non-residential properties) connected to municipal water system that will receive improved potable water quality	1,820	6
		Wastewater Infrastructure			
		Improved Wastewater Treatment Systems	# of households (and/or non-residential properties) connected that will receive higher quality wastewater treatment (precise level of treatment and/or meeting or not new wastewater regulations) and/or improved service reliability	2,582	4
			Confirmation of improved service reliability of wastewater treatment facilities and distribution/collection systems	1	1
	 Wastewater	**Decrease in Energy Consumption**	Decrease in energy usage (kWh/year)	20,486	3
		Improved Wastewater Treatment Systems	# of households (and/or non-residential properties) connected that will receive higher quality wastewater treatment (precise level of treatment and/or meeting or not new wastewater regulations) and/or improved service reliability	1,739	6
			# of confirmation of improved service reliability of wastewater treatment facilities and distribution/collection systems	12	12

Additional Outcomes for All Project Categories

National Objective	Project Category	Outcome	Outcome Indicator	Outcome Indicator Amount	Number of Reported Projects Contributing to Outcome Indicator
	 **Community Energy Systems**	**Decrease in Energy Consumption**	Decrease in energy usage (kWh/year)	117,336	6
			Decreased volume of fuel consumption (litres/year)	816	1
Productivity and Economic Growth	 **Local Roads and Bridges**	**Wastewater Infrastructure**			
		Improved Wastewater Treatment Systems	# of households (and/or non-residential properties) connected that will receive higher quality wastewater treatment (precise level of treatment and/or meeting or not new wastewater regulations) and/or improved service reliability	25	1
			# of households (and/or non-residential properties) served by separated sewer systems (to reduce risk of flooding and wastewater discharges)	23	1
Strong Cities and Communities	 **Recreational Infrastructure**	**Increased Access to Recreation Infrastructure**	# of residents who have increased access to recreational facilities	51,790	28
	 **Cultural Infrastructure**	**Improved Access to Cultural Infrastructure**	# of residents who have increased access to cultural facilities	47,849	9
	 **Sport Infrastructure**	**Increased Access to Sport Infrastructure**	# of residents who have increased access to sport facilities	43,233	9

Improvements to the Fundy Trail Parkway

$1,600,000

The problem on the main road that winds along the rugged shoreline vistas of New Brunswick's Fundy Trail Parkway appeared only on days of heavy rain. During and after rain events on a section of roadway in the middle of the park, cracks opened in the road and water pushed up through them to the extent that the road became unsafe for driving. When the rain stopped and the surface water drained, the cracks disappeared, and the road flattened as if the event had never happened. For Nancy Lockerbie, the general manager of the Fundy Trail Parkway, the cracking of the road was both mysterious and intolerable. On two occasions during heavy rain events, she was forced to close the Park on short notice. She called in road inspectors who found the cracks were opening, and then resealing. The road through this section of the parkway opened in 2016, remained sealed for several seasons, and then the cracking began to appear. There was no explanation why it was cracking in this one section and not in others.

The road through the Fundy Trail Parkway is 30 kilometres long. With the help of funding from the CCBF, 6.9 kilometres were replaced. Road engineers advised that this wasn't a ditching issue; the road needed to be completely rebuilt. The project involved pulverizing the section that was cracking, and then rebuilding and resealing the road. Also included in this project were enhancements to various Fundy Parkway features, including kiosks, walking trails and lookouts.

For Nancy Lockerbie, it is a relief to have the problem resolved. Closing the main road through the Parkway caused great inconvenience for visitors and season pass holders who could not receive advance notice and would arrive to find the Parkway closed. "We are absolutely thrilled to have the funds to complete this project," Lockerbie said.

New Theatre in Tracadie

$2,753,457

J.-Armand Lavoie of Tracadie was the chief agronomist for New Brunswick for many years, but his passion was music and choral singing. For decades, he founded choirs, ran music festivals, and revived the Gregorian chant on the Acadian Peninsula. He helped to finance and install large organs in two churches. He died in 2021, but his name and legacy lives on in Tracadie's new Théâtre J.-Armand Lavoie.

The seaside Regional Municipality of Tracadie has long been a regional centre for the celebration of music and culture. What Tracadie needed was a proper performance venue to replace a small and outdated school theatre built in the 1970s. With support from the CCBF, the Regional Municipality completed the construction and outfitting of a new theatre that serves the region and supports various cultural organizations.

"We were at a point where we could either renovate the old theatre, or build a community show venue – and that's what we decided to do," said Vanessa Haché-Breau, former CEO of the Société culturelle des Tracadilles. "We decided to make it a community venue with 500 seats. This allows us to attract a network of shows that would otherwise not be accessible in the Peninsula."

Almost all the seats in the new theatre were sold to patrons as a fundraiser to help fund specialized equipment for the stage. "Building a nice venue is all very fine, but if it doesn't have the equipment that big productions would use for their shows, your venue is not worth much," said Haché-Breau. "So I know that the fund helped a lot with that." The Théâtre J.-Armand Lavoie opened in 2019 and the public responded by filling the theatre for almost all the shows staged during the first year.

Drinking Water in the Village of Drummond

$50,613

The quiet Village of Drummond is nestled in the valley of the Saint John River just downriver from the Grand Falls gorge. This francophone community in the heart of New Brunswick potato farming country is the hometown of one of the province's greatest sports heroes, Ron Turcotte, the jockey who rode Secretariat to a Triple Crown victory in 1973.

The quality of life of residents of Drummond who live on Desjardins Road has been transformed by a CCBF supported project that rerouted and replaced a drinking water system that had been leaking badly and fallen into disrepair. The project joined two sections of pipe to create a loop that improved distribution, and added 140 metres of piping. The project also designed and constructed concrete curbs and gutters and installed storm sewer lines to stop surface water from collecting on homeowners' properties and causing damage during rain events.

As a result of the CCBF project, the new high-quality water lines will deliver clean drinking water with improved pressure at the tap to homes on Desjardins Road for many years to come. The new concrete curbs and gutters are directing surface water to the drains and into the new storm sewer lines. Without the CCBF program, the project would not have been possible.

Pickleball in the Village of Grand Manan

$198,285

The Village of Grand Manan turned to the CCBF to rebuild a recreational space that includes a new facility for the fastest growing sport in North America. At Victoria Park in Grand Harbour, the Village hired an engineering firm to build a new basketball court, and convert an old tennis court into three new pickleball courts.

The centrepiece of the new development is pickleball. An estimated one million Canadians now call themselves "picklers," participating in the game that combines elements of tennis, badminton, and ping pong. The sport was invented in Washington State in 1965 by United States Congressman Bill Prichard and a friend who wanted a game accessible to all members of their families. The popularity of pickleball has exploded in recent years.

The project included engineering, excavation, and site grading for drainage, building new courts, court surfacing, fencing, nets, seating, and signage. The park also has an outdoor pool, baseball diamond and playground equipment.

"We've seen a huge growth in pickleball," said Village CAO Chris Rayner. "This is some of the best money the Village ever spent. We have 25 to 30 pickleball players, mostly seniors. I've seen them out there in January and February playing when there is no snow on a mild day."

FEATURED PROJECTS

Wastewater Transformation in Havelock

$7,548,231

The community of Havelock is situated in the northeastern corner of King's County, about 45 minutes outside Moncton. There, the CCBF supported one of the largest infrastructure projects in an unincorporated area in New Brunswick during the reporting period.

There are about 150 homes in Havelock, a community that is located on a large lime deposit that supports the local economy, supplying a cement plant from the 1960s to the early 1990s and a lime quarry today. Until the CCBF project was completed, the majority of homes in the community had inadequate or poorly functioning on site wastewater systems. Some of these homes in the centre of the community are built on lots too small to meet current septic field guidelines. Other homes are built on lots near water courses that did not allow on-site wastewater systems.

The CCBF project managed by the Department of Environment and Local Government designed and constructed a wastewater collection and treatment system to serve the central core of Havelock with the potential to connect more than 100 users. By the end of the project, 70 homes, several businesses and one school in Havelock were connected to a modern wastewater treatment system. As part of the project, 5,600 metres of wastewater pipes were installed as well as a treatment plant that includes an engineered wetland. The new wastewater system will serve the residents of Havelock for decades into the future.

Recycling Program in Hampton

$202,766

When the Fundy Regional Service Commission announced that it was getting out of the business of transporting recycling materials and compost to a regional landfill, the Town of Hampton saw an opportunity. Hampton, situated 30 kilometres northeast of Saint John on the banks of the Kennebecasis River, shares the use of a regional landfill at Crane Mountain on the outskirts of the City. For some years, the Town had been collecting its own garbage and transporting it to the Crane Mountain Landfill. With the assistance of the CCBF it began a project to take over the blue bin recycling program from the Fundy Regional Service Commission.

The Town purchased a specialized truck with a compactor and constructed its own steel blue bins for the recycling program, placing them in a central area in town where Town residents deliver and sort their paper, cardboard, plastics and compost materials.

"We decided to get into the business because we were very happy with the blue bin program," said Richard Malone, the CAO of the Town of Hampton. "With this funding we were able to purchase a truck for collection. It's been great."

In 2018, the Town diverted 220 metric tonnes of solid waste from disposal through compost and/or recycling. Since then, recycling rates are increasing and composting is holding steady. "It's a good program because people buy into it and take the recycling to the depot, and we take it from there," Malone said. "It is cost effective because people are doing their part."

FEATURED PROJECTS

Water and Sanitary Sewer Renewal in Fredericton

$19,023,311

For many years, the CCBF has supported the renewal of the network of underground drinking water and wastewater pipes in the City of Fredericton. Trent Brewer, a City of Fredericton engineer, says the fund has allowed the municipality to develop an aggressive replacement plan for its underground water and sewer infrastructure at the rate of four to six streets a year.

The City of Fredericton has 465 kilometres of water pipes and 419 kilometres wastewater pipes underground. At the end of 2022, the city still had about 127 kilometres of piping to replace. Most of the pipes that were replaced with the assistance of CCBF funding during the reporting period of this report were installed between 1940 and 1970, with some dating back to the early 1900s. Streets with older pipes that were experiencing failure were given priority for renewal.

The older pipes were mainly cast iron and replaced most often with ductile iron pipe, a product produced with advanced metallurgy, combining the physical strength of steel and the lifespan of cast iron. Trent Brewer says the first ductile iron pipes went into the ground in Fredericton in 1972 and none have failed to date. He expects these new pipes to last as long as a century before they need replacement.

The City of Fredericton draws its drinking water supply from 10 production wells and operates two plants that remove manganese from the water that can discolour plumbing fixtures and add chlorine to meet Canadian drinking water standards. Fredericton has long been fortunate to be served by such a high-quality supply of drinking water. “We are a ground water source,” Trever Brewer says, “The water that comes out of the ground is pure. You could drink it out of the ground.” With the help of the CCBF, Fredericton has been renewing the infrastructure to allow it to continue to safely pipe this water from the ground to the taps in homes throughout the city.

Wastewater Treatment in St-Isidore

$427,988

St-Isidore is a community of 800 people located between Bathurst and Tracadie on the Acadian Peninsula. The local economy depends on a variety of enterprises related to the maple products industry, forestry, farming, construction, manufacturing, and sales. In recent years it has had a growing population and demand for housing. This growth in population created a need for a wastewater treatment system, and it turned to the CCBF for assistance.

Through a CCBF project, St-Isidore now has ten properties connected to a new wastewater system that is supported by 655 metres of new underground piping. The system will soon be connected to another 80 housing units.

"There is a labour shortage in the region," said Vanessa Haché-Breau, CEO of the Village of St-Isidore. "There is also a housing problem for the people who are already here and who are looking for housing opportunities. We are responding to both needs – the housing needs, as well as the needs of these employers who are bringing immigrants from elsewhere. The project could not have happened without help from the fund."

Energy Efficiency for Beaubassin East Community Centre

$162,426

For three decades, the Saint-André-LeBlanc Centre has been an important gathering place for the residents of the Rural Community of Beaubassin East on shores of the Northumberland Strait. In recent years, the community centre has been in need of improvements to make it more energy efficient. With funding from the CCBF, the community developed a plan and hired contractors to add insulation to the exterior walls and attic, and replace windows, doors and siding to increase the energy efficiency of the 30-year-old building. The project began in 2019 and was completed in 2020.

The project has measurable indicators in kWh recorded before the project began and after one year of completion. In practical terms, the CCBF project has meant the community centre is saving as much as $1000 a month on electricity during the coldest months of the winter. These savings have allowed the volunteers who run the centre to put on more programming for the community.

These activities include weekly community lunches, Friday night bingo, fundraising events for families in need, musical performances on Sunday afternoons, and bake sales. The Centre also hosts the annual Cap Acadie carnival that attracts as many as 600 people to various events. This CCBF project has returned this aging community centre back into the heart and life of the Rural Community of Beaubassin East.

FEATURED PROJECTS

Renovations to Build Transit Bays in Miramichi

$250,310

Miramichi Transit began operating more than a decade ago as a non-profit transportation system for the residents of the city situated at the mouth of the world-famous salmon river. Jason Babineau, the manager of Miramichi Transit, says the bus service has come to be used every day by city residents of all ages, from students to seniors. Many city residents depend on the service for reliable transportation that allows them to access to a variety of essential services from health care to buying groceries. It also helps the city mitigate the effects of climate change by reducing the number of vehicles on the road.

When Miramichi Transit began its operations in 2009 it had five buses, which over the years grew to seven, including one bus for accessible transit. The problem was, Miramichi Transit had no central storage bays to park its fleet. For years, the buses were stored in various locations around the city; Miramichi Transit needed a permanent home.

With funding from the CCBF, Miramichi Transit was able to add bus storage bays to an existing city building, which also housed public works and fire operations. The Miramichi Transit office is now also in the same location as its fleet, which means the team is under one roof. The CCBF project has offered Miramichi Transit the opportunity to protect the assets of vital city transportation network and ensure it continues to serve the residents of the city long into the future.

Asset Management

When local governments in New Brunswick signed GTF agreements, they made a commitment to begin infrastructure asset management planning. An asset management plan is a tactical plan for managing an organization's infrastructure and other assets to deliver an agreed standard of service. Asset management planning leads to more informed decision-making, improved management of risks and a reduction in costs over time. Acknowledging that local governments are at varying levels of preparedness in asset management planning, the Department of Environment and Local Government has worked to determine which asset management planning practices and requirements are best suited to New Brunswick's local governments. The Department encourages local governments to leverage resources from organizations such as the Federation of Canadian Municipalities or other Canadian municipalities and local governments that have made significant strides in asset management. Where capacity exists, the Department encourages local governments to implement best practices and expand on the information in their plans beyond what is required to increase the benefits of asset management planning.

In July 2017, the Department released a Guide to Asset Management Planning for Local Governments. The guide addresses the following issues: Governance, with a requirement to provide a council-approved Governance Statement (the Asset Management Policy) and the submission of a Governance Model defining the policies, procedures and roles in association with asset management within the organization; Level of Service, with a requirement to provide a description of services provided by the local government; Inventory of Assets, which includes a detailed inventory of all tangible capital assets including condition rating, climate risks, replacement cost, renewal cost and major operational costs; Climate Change, with a requirement to identify high-level climate risks affecting service delivery; Condition Assessment, which identifies core and high-value assets and creates a preliminary condition rating scale; Risk Assessment, which identifies assets essential to delivering core services; Cost Analysis, which identifies core and high-value assets requiring renewal or replacement over the next 50 years with replacement cost estimates; Financial Planning to provide cash flow forecasts for core and high-value assets; and Priority Setting to identify key municipal priorities.

Progress is being made to improve local government planning and asset management with 72 out of 104 plans completed during this reporting period. A second phase of requirements is currently being developed to assist in the continued improvement and implementation of asset management.

Incrementality

The CCBF program employs a calculation called incrementality to ensure that provinces, municipalities and communities are not using this funding to replace their own funding for capital expenditures. This ensures that the CCBF funding is used for projects that would not otherwise be completed without the support of this funding program. Incrementality calculations ensure that provinces and municipalities equal or exceed the set base amounts in their capital investments for each reporting period. The current Administrative Agreement on the Federal Gas Tax Fund sets a Municipal Base Amount Average at $46.5-million. Municipalities calculate and report on their tangible capital expenditure (municipal funding only) each year in their CCBF Annual Expenditure Report (AER). The Department of Environment and Local Government used the AERs for each year during the reporting period for this report to calculate a weighted average for each year and then the sum of each year is divided by the total AERs received in the period. This results in the Municipal Capital Investment Average (MCIA) of $144.4 million, which has exceeded the $46.5 million target.

MUNICIPAL CAPITAL INVESTMENT AVERAGE (IN MILLIONS)

	2017	2018	2019	2020	2017–2020 MCIA
Annual Investment	$144.1	$116.0	$187.6	$130.7	$144.4
# of Submitted AERs	107	104	102	103	416
Weighted Average	$15,421.1	$12,064.7	$19,137.4	$13,460.2	$60,083.5

The Provincial Base Amount has been set at $11.2 million in the current agreement. The table below shows the investments the province made in the reporting period via the following two infrastructure programs: New Building Canada Fund-Small Communities Fund (SCF) and the Clean Water and Wastewater Fund (CWWF). For the purpose of demonstrating that the province has exceeded its base amount, the Department has limited its calculations to these two programs. The province has invested in municipal infrastructure through other departmental programming.

THE TABLE BELOW SHOWS THE PROVINCIAL BASE AMOUNT VERSUS ANNUAL INVESTMENTS (IN MILLIONS).

Provincial Base Amount	2017–18	2018–19	2019–20	2020–21	2017–21 Average
$11.2	$28.3	$16.9	$8.4	$4.0	$14.4

Conclusion

Reliable infrastructure is the foundation of safe, healthy, sustainable, and vibrant communities. Much of this infrastructure is unseen. It is buried in underground networks of pipes that distribute clean drinking water. It is taken for granted on renewed roadways and walking trails that are safe and well maintained. It is woven into the fabric of community life enjoyed by residents and visitors in their cultural, sports and tourism facilities. This Outcomes Report tells the story of the results of many years of work made possible by the CCBF as it flows through the Department of Environment and Local Government into communities throughout New Brunswick, building a place called home.

APPENDIX A:

Performance Measurement Framework by National Objective and Category

Clean Environment

DRINKING WATER

Infrastructure supporting drinking water conservation, collection, treatment and distribution.

Performance Indicators

- # of households (and/or non-residential properties) connected that will receive higher quality wastewater treatment (precise level of treatment and/or meeting or not new wastewater regulations) and/or improved service reliability
- # of households (and/or non-residential properties) connected to municipal water system that will benefit from increased service reliability
- # of households (and/or non-residential properties) connected to municipal water system that will receive improved potable water quality
- # of km improved/resurfaced to a prov. standard
- # of km of path/sidewalk/hiking & walking trails or cycling lanes built
- # of locations fitted with water meters
- # of metres of wastewater pipes added, repaired or replaced
- # of metres of water pipes added, repaired or replaced
- # of new households (and/or non-residential properties) connected to municipal wastewater system
- # of new households (and/or non-residential properties) connected to municipal water system
- Change in capacity of water distributed (m^3 per day)
- Change in capacity of water treated to meet safety standards (m^3 per day)
- Change in water storage capacity (m^3) (+ rationale)
- Confirmation of improved service reliability of wastewater treatment facilities and distribution/collection systems
- Decrease in kWh consumed
- # of locations that will be connected to hydrants & improve fire protection

WASTEWATER

Infrastructure that supports wastewater and storm water collection, treatment and management systems.

Performance Indicators

- # of households (and/or non-residential properties) connected that will receive higher quality wastewater treatment (precise level of treatment and/or meeting or not new wastewater regulations) and/or improved service reliability
- # of km improved/resurfaced to a prov. standard
- # of km of path/sidewalk/hiking & walking trails or cycling lanes built
- # of metres of wastewater pipes added, repaired or replaced
- # of metres of water pipes added, repaired or replaced
- # of new households (and/or non-residential properties) connected to municipal wastewater system
- Change in capacity of wastewater collected and/or treated (m^3 per day)
- Confirmation of improved service reliability of wastewater treatment facilities and distribution/collection systems
- Decrease in kWh consumed
- Frequency of compliance (%) with provincial limits of nutrients in effluent discharge
- Increase in # of households (and/or non-residential properties) served by separated sewer systems (to reduce risk of flooding and wastewater discharges)

SOLID WASTE

Infrastructure that supports solid waste management systems including the collection, diversion and disposal of recyclables, compostable materials and garbage.

Performance Indicators

- # of new or upgraded facilities
- Increased capacity of site (tonnes)
- Increased quantity (metric tonnes) of solid waste diverted from disposal through compost &/or recycling
- Reduced GHG emissions (e.g., volume of methane captured)

COMMUNITY ENERGY SYSTEMS

Infrastructure that generates or increases the efficient usage of energy.

Performance Indicators

- # of new or upgraded facilities
- # of residents who could benefit from the investment
- Decrease in kWh consumed
- Decreased volume of fuel consumption
- Increase in kWh generated (off the grid)
- Increase in kWh of renewable energy generated

BROWNFIELD REDEVELOPMENT

Remediation or decontamination and redevelopment of a brownfield site within municipal boundaries, where the redevelopment includes:

- the construction of public infrastructure as identified in the context of any other category under the CCBF, and / or;
- the construction of municipal use public parks or publicly owned social housing.

Performance Indicators

- # of new residential units, businesses and/ or institutions on redeveloped site
- Area (m^2) of remediated site
- Increase in local property tax base as a result of project

Productivity and Economic Growth

LOCAL ROADS AND BRIDGES

Roads, bridges and active transportation infrastructure. Active transportation refers to active methods of travel (commuting by bicycle for example) such as cycling lanes and paths, sidewalks and walking trails and should not be confused with strictly recreational infrastructure such as a trail system within a park.

Performance Indicators

- # of at-risk infrastructure that is better protected as a result of the new mitigation infrastructure
- # of complaints/claims due to potholes over a set period of time
- # of households (and/or non-residential properties) connected that will receive higher quality wastewater treatment (precise level of treatment and/or meeting or not new wastewater regulations) and/or improved service reliability
- # of km improved/resurfaced to a prov. standard
- # of km of path/sidewalk/hiking & walking trails or cycling lanes built
- # of metres of wastewater pipes added, repaired or replaced
- # of metres of water system or pipes added, repaired or replaced
- Change in International Roughness Index (IRI)
- Change in road capacity
- Change in the rate of accidents/fatalities or injuries
- Increase in # of households (and/or non-residential properties) served by separated sewer systems (to reduce risk of flooding and wastewater discharges)

HIGHWAYS

Construction, renewal or material enhancement of highway infrastructure.

Performance Indicators

- # of km improved/resurfaced to a provincial standard

SHORT SEA SHIPPING

Construction, renewal or material enhancement of infrastructure related to the movement of cargo and passengers around the coast and on inland waterways, without crossing an ocean.

Performance Indicators

- Change in the frequency of service as a result of investment
- Increase in the # of passengers transported
- Increase in the fleet, cargo or passenger capacity

SHORT-LINE RAIL

Construction, renewal or material enhancement of railway related infrastructure for carriage of passengers or freight.

Performance Indicators

- Increase in the # of passengers over a comparable period of time
- Km of constructed or upgraded railway infrastructure

REGIONAL AND LOCAL AIRPORTS

Construction, renewal or material enhancement of airport-related infrastructure.

Performance Indicators

- Change in the # metric tonnes of freight or mail loaded or unloaded at the airport over a determined period of time
- Change in the # of aircraft take-offs or landings at an airport over a determined period of time (one arrival and one departure are counted as two movements)
- Decrease in the # of occurrences (incorrect presence of an aircraft, vehicle, person or wildlife on the protected area of a surface designated for the landing and take-off of aircraft)
- Increase in the # of passengers over a determined period of time

BROADBAND CONNECTIVITY

Infrastructure that provides internet access to residents, businesses, and/or institutions in Canadian communities.

Performance Indicators

- # of premises with enhanced broadband service as a result of project
- # of premises with internet access as a result of project
- # of new residential units, businesses and/ or institutions on redeveloped site

PUBLIC TRANSIT

Infrastructure which supports a shared passenger transport system which is available for public use.

Performance Indicators

- # of kms of new or improved transit lines
- Change in public transport capacity in passenger-kilometres
- Change in public transport capacity in route-kilometres
- Change in public transport capacity in seat-kilometres
- Change in ridership
- Change in transit coverage (% of people who live within 2 km of transit)
- # of new or upgraded facilities

Strong Cities and Communities

SPORT INFRASTRUCTURE

Construction, renewal or material enhancement of amateur sport infrastructure.

Performance Indicators

- # in increase of events held per year as a result of investment
- # of new or upgraded facilities
- # of residents who will benefit from the new or upgraded facility
- % in increase of events held per year as a result of investment
- % increase in visitors to the community as a result of the investment
- Decrease in kWh consumed
- Increase in ice surface, seating, public spaces, etc. as a result of investment

RECREATIONAL INFRASTRUCTURE

Construction, renewal or material enhancement of recreational facilities or networks.

Performance Indicators

- # of bridge constructed or upgraded
- # of km of path/sidewalk/hiking & walking trails or cycling lanes built
- # of km of recreational trails built or extended or improved
- # of new or upgraded facilities
- # of residents who could benefit from the investment
- # of residents who will benefit from the new or upgraded facility
- Decrease in kWh consumed
- Increase in the # of users as a result of investment

CULTURAL INFRASTRUCTURE

Construction, renewal or material enhancement of infrastructure that supports arts, humanities, and heritage.

Performance Indicators

- # in increase of events held per year as a result of investment
- # of new or upgraded facilities
- # of residents who will benefit from the new or upgraded facility
- % in increase of events held per year as a result of investment
- % increase in visitors to the community as a result of the investment

TOURISM INFRASTRUCTURE

Construction, renewal or material enhancement of infrastructure that attracts travellers for recreation, leisure, business or other purposes.

Performance Indicators

- # of businesses created or expanded as a result of investment
- # of km improved/resurfaced to a prov. standard
- # of new or upgraded facilities
- # of residents who will benefit from the new or upgraded facility
- % growth in the # of room-nights sold over a comparable period of time
- Increase in # of visitors and/or length of stay and/or quality of stay as a result of investment

DISASTER MITIGATION

Construction, renewal or material enhancement of infrastructure that reduces or eliminates long-term impacts and risks associated with natural disasters.

Performance Indicators

- # of at-risk infrastructure that is better protected as a result of the new mitigation infrastructure
- # of population projected to be less at risk due to the new mitigation infrastructure
- # of properties projected to be less at risk due to the new mitigation infrastructure
- $ of Disaster Financial Assistance Arrangement funding and/or emergency response costs estimated to be reduced due to the new mitigation infrastructure, based on a previous or comparable event
- % of at-risk infrastructure that is better protected as a result of the new mitigation infrastructure
- % of mitigation plan that is implemented
- % of population projected to be less at risk due to the new mitigation infrastructure

CAPACITY BUILDING

Includes investments related to strengthening the ability of Local Governments to develop long-term planning practices.

Performance Indicators

- # of Capacity Building projects investing in asset management and/or long-term municipal planning
- # of Integrated Community Sustainability or Capital Investment Plans resulting from Capacity Building investments
- # of Water Management Plans

FIRE HALLS

Fire hall and fire station infrastructure.

Performance Indicators

- # of new or upgraded facilities

APPENDIX B:

List of Completed Incorporated Area Projects by National Objective, Category and Ultimate Recipient

Clean Environment

Community Energy Systems

Rural Community of Beaubassin-Est	Energy efficiency upgrades – École historique de Cormier-Village
Rural Community of Beaubassin-Est	Energy efficiency upgrades – Centre Saint-André-LeBlanc
Town of Grand Falls	Energy reduction & heating system changeover - Municipal garage
Town of Grand Falls	Lighting system – CEPSC
Town of Lamèque	Library heating system
Town of Shippagan	City hall reconstruction
Village of Bath	Municipal office heat pump install and window upgrades
Village of Chipman	Four heat pumps with cover protection at the Heritage Centre
Village of Clair	Energy upgrades for municipal buildings
Village of Drummond	Energy-efficient building
Village of Neguac	Community Centre energy efficiency upgrades
Village of Pointe-Verte	Heat pump – Mini-split heat pump for the municipal building
Village of St. Martins	Four Season Complex LED lighting
Village of St-Isidore	Energy-efficient heating system

Solid Waste

Rural Community of Haut-Madawaska	Recycling bins on wheels
Town of Grand Falls	Recycling bins
Town of Hampton	Investment in municipal recycling program

Village of Drummond	Recycling Program – Phase I
Village of Drummond	Recycling Program – Phase 2
Village of Grand Manan	Custom made trailer to transport solid waste
Village of Tide Head	Recycling Program

Drinking Water

City of Edmundston	Construction of a potable water reservoir
City of Fredericton	Water and sanitary sewer renewal
City of Miramichi	George Street reconstruction
City of Saint John	Watermain cleaning and lining – Various locations
Regional Municipality of Tracadie	Installation of additional water and sewer infrastructure – Du Quai Street
Regional Municipality of Tracadie	Water reservoir reconstruction – Sheila neighbourhood
Regional Municipality of Tracadie	Improvements to water, sewer and surface water collection infrastructure
Rural Community of Haut-Madawaska	Replacement of pumps and rehabilitation of wells (Saint-Hilaire neighbourhood)
Rural Community of Haut-Madawaska	Distribution network protection (Clair neighbourhood)
Rural Community of Haut-Madawaska	Starter for variable pumps at the pumping station
Rural Community of Kedgwick	Jeanne D'Arc Street
Rural Community of Kedgwick	Construction of a shelter for the water supply system
Rural Community of Saint-André	SCADA system (Phase 2)
Rural Community of Saint-André	Watermains and sewer pipes on De l'Église Road
Town of Grand Falls	Supervisory Control and Data Acquisition (SCADA) System
Town of Grand Falls	Water and wastewater re-routing
Town of Grand Falls	Wells buildings major rehabilitation
Town of Nackawic	Water Main Replacement Program - Nackawic Bridge
Town of Nackawic	Pump house improvements
Town of Oromocto	Water main replacements
Town of Quispamsis	Watermain construction Sunset Dr and Haven Court
Town of Shippagan	Installation of a propane generator on the potable water reservoir

Town of St. George	Water main cleaning and lining
Town of St. Stephen	Combined sewer separation and utility renewal
Village of Aroostook	Wellhouse #2 monitoring upgrade Phase 1
Village of Aroostook	Wellhouse #2 upgrade Phase II
Village of Baker-Brook	Watermain section replacement
Village of Balmoral	SCADA system upgrading
Village of Balmoral	Purchase of pumps
Village of Bath	Water/Sewer system alarm system replacement
Village of Cambridge-Narrows	Road resurfacing and rehabilitation
Village of Centreville	Centreville Community Complex - Drinking water supply wastewater system
Village of Dorchester	Water tower tank connection
Village of Dorchester	Water treatment plant/lift station SCADA installation
Village of Dorchester	Water treatment plant generator
Village of Drummond	Potable water – Desjardins Road
Village of Fredericton Junction	Water system upgrades
Village of New Maryland	Woodlawn Lane water main upgrade and sanitary forcemain upgrade
Village of Perth-Andover	F. Tribe booster station generator
Village of Plaster Rock	Booster pumping station
Village of Port Elgin	Watermain replacement – Main St. Bridge
Village of Port Elgin	Watermain replacement – Main St. Bridge – Phase 2
Village of Riverside-Albert	Mill Street water main refurbishment and culvert renewal
Village of Rivière-Verte	Potable water reservoir
Village of Sainte-Anne-de-Madawaska	Eroded land restoration and major repairs to Well No. 2 building
Village of Sainte-Anne-de-Madawaska	Potable water line looping and water valve installation (Phase 1)
Village of Sainte-Anne-de-Madawaska	Potable water line looping and water valve installation (Phase 2)
Village of Tide Head	Replacement of water line on Stewart Beach Road

Wastewater

City of Moncton	Storm sewer relief system
City of Moncton	Storm and combined sewer renewal
City of Saint John	Honeysuckle, Sherbrooke Street drainage basin – North Side of Route #1 – Storm sewer
City of Saint John	Honeysuckle, Sherbrooke Street drainage basin – Fairville Boulevard Area – Storm sewer
City of Saint John	Milford drainage basin – Gifford Road, River Hill Drive, Russell Hill Road Area – Storm sewer
City of Saint John	Westgate Park drainage basin – Above Mountfield Crescent to Acorn Drive – Storm sewer
City of Saint John	Westgate Park drainage basin – Sandalwood Crescent and Mountfield Crescent Area – Storm sewer
City of Saint John	Westgate Park drainage basin – Erin Court and Downsview Drive Area – Drainage channel improvements
Regional Municipality of Tracadie	Replacement of pumping stations, watermains and sewer pipes
Rural Community of Kedgwick	Construction of a sludge and wastewater receiver for the sanitary sewer system
Town of Dalhousie	Separation of storm and sanitary sewer systems
Town of Grand Bay-Westfield	Storm sewer improvements
Town of Grand Falls	Lift station upgrades
Town of Lamèque	Storm sewers – Des Champs Street
Town of Lamèque	Storm sewers – Des Champs Street (Phase 2)
Town of Quispamsis	WWPS Upgrades – Vincent Rd to Meenan's Cove Rd
Town of Quispamsis	Overflow chamber (design & construction) for Riverside WWPS – Gondola Point Rd
Town of Richibucto	Generators and auto dialers – Phase 1
Town of Richibucto	Generators and auto dialers – Phases 2 and 3
Town of Riverview	Watermain/Sanitary sewer renewals
Town of Rothesay	Sanitary sewer system improvements
Town of Rothesay	Storm sewer and drainage improvements
Town of Sackville	Replacement of existing sanitary sewer trunk main
Town of Shippagan	Rebuilding of sanitary sewer line and watermain replacement – 1ère Street

Town of St. Stephen	Water and sanitary sewer extension – Route 3
Town of Sussex	Sanitary sewer upgrades
Town of Woodstock	Sewer main construction
Village of Balmoral	Stormwater system improvements
Village of Blacks Harbour	Upgrades to wastewater lift station
Village of Blackville	Wastewater treatment plant upgrades
Village of Cap-Pelé	Sanitary sewer upgrading
Village of Chipman	Pump station upgrades
Village of Chipman	Pump station upgrades – Phase 2
Village of Doaktown	Lagoon upgrades
Village of Drummond	Sanitary sewer system
Village of Fredericton Junction	Wastewater lagoon upgrades
Village of Harvey	Harvey lakeshore upgrades
Village of McAdam	Upgrade to effluent disinfection at pollution control plant
Village of McAdam	Generator for wastewater treatment plant
Village of Minto	Sewer line replacement and extension
Village of New Maryland	Bradshaw Drive sanitary sewer upgrades
Village of Rivière-Verte	Replacement of sanitary sewer and stormwater pipes
Village of Saint-Antoine	Camille Street reconstruction – Phase 1
Village of Salisbury	Horsman Street – Phase 4
Village of St-Isidore	Sanitary sewer pipe
Village of Sussex Corner	Waycon Heights storm sewer – Phase 1
Village of Tide Head	Pumping station upgrades – Phase 1

Productivity and Economic Growth

Local Roads and Bridges

City of Moncton	Street resurfacing
City of Moncton	Street reconstruction
City of Bathurst	Tower Hilll Avenue reconstruction
City of Bathurst	Church Street reconstruction
City of Bathurst	St. Anne Street resurfacing
City of Campbellton	Village Avenue upgrade
City of Dieppe	Preservation of asphalt (PA)
City of Dieppe	Arsenault Road reconstruction
City of Edmundston	Roadway and storm sewer rebuilding work
City of Miramichi	Reconstruct Radio Street
City of Miramichi	Reconstruct Princess Street
City of Miramichi	University Avenue
Regional Municipality of Tracadie	Trail reconstruction – Pointe à Bouleau
Regional Municipality of Tracadie	Urban trail
Regional Municipality of Tracadie	Sureau Blanc Brook Bridge improvements
Regional Municipality of Tracadie	Street construction, paving and resurfacing
Regional Municipality of Tracadie	Bicycle path asphalting (Véloroute)
Rural Community of Hanwell	Upgrade access road to recreation centre
Rural Community of Hanwell	Road construction- Access road to recreation centre (Phase 2)
Rural Community of Haut-Madawaska	Street rebuilding work (Saint-Hilaire neighbourhood)
Rural Community of Haut-Madawaska	Rebuilding of sections of Michaud Street (Baker Brook neighbourhood)
Rural Community of Kedgwick	Des Érables Street
Town of Beresford	Rebuilding of some streets in the municipality
Town of Bouctouche	Rebuilding of City roads
Town of Dalhousie	Street upgrades

Town of Florenceville-Bristol	Milling and paving Route 103, 105, 107 and Jim Davis Drive
Town of Florenceville-Bristol	Milling and paving - Phase 1
Town of Grand Bay-Westfield	Street improvements
Town of Grand Falls	Major Street asphalting
Town of Lamèque	Street paving
Town of Lamèque	Walkway improvements
Town of Quispamsis	Quispamsis Local Streets Upgrade Program
Town of Richibucto	Morgan Street
Town of Riverview	Road reconstruction and/or resurfacing
Town of Rothesay	Sidewalk and walking trail construction
Town of Rothesay	Street resurfacing
Town of Sackville	Street resurfacing
Town of Sackville	Street reconstruction
Town of Saint Andrews	Road resurfacing
Town of Shediac	Tipperary Street reconstruction
Town of Shediac	Gallagher Street reconstruction
Town of Shediac	Brown Street rebuilding work
Town of St. George	Milling and paving
Town of St. George	Crosswalk strobe alert
Town of Sussex	Street reconstruction/resurfacing
Town of Woodstock	Street construction
Village of Alma	Sidewalk replacement
Village of Alma	Paving and road repair
Village of Alma	Paving and road repair – Phase 2
Village of Alma	Sidewalk replacement – Phase 2
Village of Baker-Brook	Rebuilding of street sections (Michaud Street)
Village of Bas-Caraquet	Road surface improvements
Village of Bas-Caraquet	Storm sewer outlet improvements – Industrielle Street

Village of Bas-Caraquet	Manhole repairs – St-Paul Street
Village of Bas-Caraquet	Replacement of asphalt on a section of Parc Industriel Street
Village of Bath	Sidewalk Replacement – Phase #1
Village of Bath	Sidewalk Replacement – Phase # 2
Village of Bertrand	Street resurfacing and reconstruction
Village of Bertrand	Sidewalk repairs
Village of Blackville	Riverview road guide rail replacement and slope rehabilitation – Phase 1
Village of Blackville	Riverview road guide rail replacement and slope rehabilitation – Phase 2
Village of Centreville	Central Street resurfacing (Rte 110)
Village of Chipman	Sidewalk construction and upgrade
Village of Chipman	Paving Civic Court
Village of Doaktown	Various street improvements – Phase 1
Village of Doaktown	Various street improvements – Phase 2
Village of Dorchester	Reconstruction of village streets
Village of Dorchester	Sidewalk on Route 106
Village of Eel River Crossing	Upgrading of Mallet Street – Phase 1
Village of Fredericton Junction	Road upgrades
Village of Fredericton Junction	Street upgrading
Village of Gagetown	Harts Lake Road reconstruction
Village of Gagetown	Culvert installation, paving and ditching
Village of Gagetown	Road reconstruction
Village of Grande-Anse	Street resurfacing
Village of Harvey	Street resurfacing – Phase 1
Village of Harvey	Street resurfacing – Phase II
Village of Maisonnette	Paving a section of Des Chalets Road
Village of Maisonnette	Wooden sidewalks
Village of Maisonnette	Street rebuilding work (Phase 1)
Village of Maisonnette	Street rebuilding work (Phase 2)

Village of McAdam	Reconstruction of municipal streets
Village of Millville	Street improvements
Village of Minto	Paving of local roads
Village of Nigadoo	Street resurfacing and reconstruction
Village of Norton	Street improvements
Village of Norton	Street improvements – Phase 1
Village of Paquetville	Rebuilding of sidewalks
Village of Perth-Andover	Sidewalk development
Village of Petitcodiac	Road resurfacing
Village of Petitcodiac	Replacing sidewalk on Main Street
Village of Petit-Rocher	Rochette Street rebuilding work
Village of Pointe-Verte	Road surface and drainage improvements
Village of Rexton	Sidewalk installation
Village of Rexton	Road upgrades – Various locations
Village of Rexton	California Road upgrades
Village of Rogersville	Street rebuilding work
Village of Sainte-Anne-de-Madawaska	Street rebuilding work
Village of Sainte-Anne-de-Madawaska	Street reconstruction
Village of Sainte-Marie-Saint-Raphaël	Road work
Village of Saint-Léolin	Roads and streets
Village of Salisbury	Route 112 curb and sidewalk – Phase 1
Village of Stanley	Resurfacing of Ward Settlement Rd.
Town of Caraquet	Road surface improvements

Public Transit

City of Miramichi	Transit Bays

Strong Cities and Communities

Capacity Building

City of Campbellton	Asset Management Plan
City of Edmundston	Capital Asset Management Plan (CAMP)
City of Saint John	Asset inventory valuation and management – PSAB Implementation
Rural Community of Beaubassin-Est	Capital Asset Management Plan
Rural Community of Haut-Madawaska	Asset Management Plan
Rural Community of Kedgwick	Municipal Asset Management Program
Rural Community of Upper Miramichi	Asset Management Plan
Town of Beresford	Municipal Asset Management Plan
Town of Beresford	Wastewater Overflow and Infiltration-Induced Overflow Reduction Plan
Town of Bouctouche	Capital Asset Management Plan
Town of Grand Falls	Asset Management Plan
Town of Hartland	Capital Asset Management Plan
Town of Lamèque	Storm sewers assessment study
Town of Saint-Quentin	Capital Asset Management Plan
Town of Shippagan	Asset Management Plan
Village of Alma	Asset Management Plan
Village of Bas-Caraquet	Asset Management Plan
Village of Bath	Asset Management Plan – Phase 2
Village of Blacks Harbour	Capital Asset Management Plan
Village of Blackville	Asset Management Plan
Village of Cap-Pelé	Capital Asset Management Plan
Village of Chipman	Capital Asset Management Plan
Village of Doaktown	Capital Asset Management Plan
Village of Dorchester	Asset Management Plan
Village of Harvey	Capital Asset Management Plan

Village of Hillsborough	Asset Management Plan
Village of Hillsborough	Sanitary Sewer Upgrade – Infiltration Reduction Plan and Repairs
Village of Minto	Capital Asset Management Plan
Village of Perth-Andover	Municipal Plan Update and Asset Management Plan
Village of Petitcodiac	Capital Asset Management Plan
Village of Port Elgin	Capital Asset Management Plan
Village of Rexton	Capital Asset Management Plan
Village of Riverside-Albert	Asset Management Plan
Village of Rivière-Verte	Asset Management Plan
Village of Rogersville	Capital Asset Management Plan
Village of Saint-Antoine	Capital Asset Management Plan
Village of Sainte-Anne-de-Madawaska	Municipal assets lifecycle study
Village of Saint-Léolin	Municipal Asset Management Plan (AMP)
Village of Saint-Louis de Kent	Capital Asset Management Plan
Village of Tide Head	Capital Asset Management Plan

Cultural Infrastructure

City of Miramichi	Elm Park
Regional Municipality of Tracadie	Amphithéâtre J-Armand-Lavoie – Stationary equipment
Rural Community of Beaubassin-Est	Municipal building multi-purpose area
Town of Saint-Quentin	Construction / renovation of Théatre Montcalm (Palais Centre-Ville)
Village of Blacks Harbour	Main Street Amphitheatre
Village of Chipman	Chipman Heritage Centre upgrade
Village of Petit-Rocher	Library renovations (Phase 1)
Village of Petit-Rocher	Library renovations (Phase 2)
Village of Saint-Antoine	Multipurpose centre digital sign

Disaster Mitigation

City of Fredericton	Climate change adaptation and mitigation
Town of Saint-Léonard	Improvements to well controls to prevent flood damage in wells

Recreational Infrastructure

City of Campbellton	Installation of pathway lights – Esplanade Boardwalk
Regional Municipality of Tracadie	Improvements to existing infrastructure – building and installation of mini-park
Regional Municipality of Tracadie	Construction of an access ramp for small boats
Rural Community of Beaubassin-Est	Walking trails
Rural Community of Beaubassin-Est	Snow slide slope development
Rural Community of Beaubassin-Est	Haute-Aboujagane walking trail
Rural Community of Beaubassin-Est	Children's playground – Haute-Aboujagane
Rural Community of Cocagne	Tennis court
Rural Community of Cocagne	Community Park
Rural Community of Hanwell	Community Recreation Centre
Rural Community of Hanwell	Community Recreation Centre (Phase 2)
Rural Community of Kedgwick	Municipal arena upgrading (Palais des loisirs)
Town of St. George	Multi-Generation Park (Splash Pad)
Town of Sussex	8th Hussars Sports Centre
Town of Sussex	Barbour's Park, O'Connell Park upgrades
Village of Balmoral	Construction of a gazebo in the water park (Boulo)
Village of Bath	Community Park
Village of Bath	Swimming pool deck replacement
Village of Belledune	Municipal building retrofit - Former school
Village of Canterbury	Nature walking trail
Village of Drummond	Community Centre – Phase 1
Village of Gagetown	Village Green
Village of Meductic	Meductic Memorial Park restoration – Phase 1

Village of Neguac	Water park development
Village of Perth-Andover	Recreation facility upgrades
Village of Riverside-Albert	Riverside-Albert Recreational Centre improvements
Village of St-Isidore	Tennis and pickleball court

Sport Infrastructure

City of Campbellton	Replacing brine pipe system at the ice rink
Regional Municipality of Tracadie	Improvements to existing infrastructure – Pool
Rural Community of Beaubassin-Est	Improvements to play areas – Centre culturel et sportif de Cormier-Village
Rural Community of Kedgwick	Arena access for persons with reduced mobility
Town of Beresford	Arena reconstruction
Town of Beresford	Arena reconstruction
Town of Lamèque	Outdoor Centre
Village of Grand Manan	Outside pickleball/basketball courts and upgrading of existing tennis courts
Village of Nigadoo	New propane-powered ventilation system

Tourism Infrastructure

Rural Community of Kedgwick	Upgrading of roadside rest area and adjacent infrastructure, including landscaping
Town of Hartland	Hartland public (visitors) washroom parking lot
Town of St. Stephen	Waterfront enhancements – Phase 1
Town of St. Stephen	Waterfront enhancements – Phase 2
Village of Grand Manan	Construction and installation of new cupola for Swallowtail Lighthouse
Village of Lac Baker	Main building Infrastructure (canteen), marquee
Village of Lac Baker	Addition to the main building, Marquee (Phase 2)
Village of Nigadoo	Directional signage for recreation services
Village of Norton	Village Park enhancements

APPENDIX C:

List of Completed Unincorporated Area Projects by National Objective, Category and Ultimate Recipient

Clean Environment

Community Energy Systems	
New Brunswick Power Corporation	Charging stations of electric vehicles
Solid Waste	
Regional Service Commission 8	Regional Service Commission 8 scale replacement
Drinking Water	
Department of Environment and Local Government	Chateau Heights – Water distribution system and wastewater collection system
Department of Environment and Local Government	Penobsquis regional water supply
Town of St. Stephen	Extension of Water & Sewer Services in Dennis-Weston LSD
Wastewater	
Department of Environment and Local Government	Havelock Wastewater System
Department of Environment and Local Government	Dundee LSD wastewater collection
Department of Environment and Local Government	Gillies Subdivision Wastewater System
Department of Environment and Local Government	Pointe-du-Chêne sanitary sewer system improvements
Department of Environment and Local Government	Apohaqui Sewerage Commission – George Street lift station upgrade
Southwest New Brunswick Service Commission	Hemlock Knoll Landfill's Leachate Treatment System

Productivity and Economic Growth

Regional and Local Airports

Acadian Peninsula Regional Service Commission	Upgrade of landing strip at the Aéroport de la Péninsule

Strong Cities and Communities

Capacity Building

Department of Environment and Local Government	Caissie Cape Wastewater System preliminary design
Department of Environment and Local Government	Community Restructuring Plans

Cultural Infrastructure

Regional Development Corporation	Tracadie Amphitheatre

Recreational Infrastructure

Department of Education and Early Childhood Development	Belleisle community pool improvements

Tourism Infrastructure

Fundy Trail Development Authority Inc.	Fundy Trail Development Authority infrastructure
City of Campbellton	City of Campbellton infrastructure