



Infrastructure Canada Program Overview

Asset Management BC Panel

Infrastructure Canada
November 10, 2017

INVESTING IN CANADA

\$180 + BILLION INFRASTRUCTURE PLAN OVER 12 YEARS

Create
long-term
economic growth

Build
inclusive
communities

Support
a low carbon, green
economy

PUBLIC TRANSIT

\$28.7 BILLION

Budget 2016: \$3.4 billion
Budget 2017: \$20.3 billion
Canada Infrastructure
Bank: \$5 billion



GREEN

\$26.9 BILLION

Budget 2016: \$5 billion
Budget 2017: \$16.9 billion
Canada Infrastructure
Bank: \$5 billion



SOCIAL

\$25.3 BILLION

Budget 2016: \$3.4 billion
Budget 2017: \$21.9 billion



TRADE AND TRANSPORTATION

\$10.1 BILLION

Budget 2017: \$5.1 billion
Canada Infrastructure Bank:
\$5 billion



RURAL AND NORTHERN COMMUNITIES

\$2 BILLION

Budget 2017: \$2 billion



Investments to support Canada's long-term infrastructure plan will flow through:

Bilateral agreements with
provinces and territories

A series of national
programs

Canada Infrastructure
Bank

The Smart Cities
Challenge

Infrastructure Canada Programs & Portfolio

Phase 1

- ❖ **Public Transit Infrastructure Fund**(PTIF) (\$3.4 billion)
 - Short-term funding for transit projects
- ❖ **Clean Water and Wastewater Fund** (CWWF) (\$2 billion)
 - Funding to improve water treatment and distribution infrastructure
- ❖ **Municipalities for Climate Innovation Program - FCM** (MCIP) (\$75 million)
 - To better prepare municipalities in face of climate change
- ❖ **Municipal Asset Management Program - FCM** (MAMP) (\$50 million)
 - To strengthen municipal asset management practices

Phase 2

- ❖ **Investing in Canada Infrastructure Program** (ICIP) (\$33 billion)
 - Delivered through Integrated Bilateral Agreements (IBAs) with PTs
 - ❖ **Disaster Mitigation and Adaptation Fund** (\$2 billion)
 - National, competitive, merit-based program
 - ❖ **Smart Cities Challenge** (\$300 million)
 - Challenges communities across Canada to achieve outcomes through data and connected technology
- INFC Portfolio:**
- ❖ **Canada Infrastructure Bank** (CIB) (\$35 billion)
 - New Crown corporation to make public dollars go further

CANADA INFRASTRUCTURE BANK

A new and innovative financing tool to help public dollars go farther and help build more infrastructure projects in Canadian communities.

MANDATE

Invest in infrastructure projects that have revenue-generating potential and are in the public interest;

Attract private sector and institutional investors to build more infrastructure;

Serve as a centre of expertise on infrastructure projects;

Foster evidence-based decision making; and

Collect and share data.

GOVERNANCE AND CAPITAL

Arm's length Crown corporation:

- Led by a CEO and governed by Board of Directors
- Accountable to Parliament through the responsible Minister

The Bank would invest at least \$35 billion from the federal government into transformative infrastructure projects. Of this amount, \$15 billion would be sourced from the over \$180 billion Investing in Canada infrastructure plan.

SMART CITIES CHALLENGE

The Government of Canada believes that making our cities and communities smarter will help Canadians live better lives and prepare for the challenges ahead.

That is why Budget 2017 announced a \$300 million Smart Cities Challenge. This Challenge will encourage cities and their most creative minds to adopt new and innovative approaches to city-building.

Winning cities will be selected through a nationwide, merit-based competition.

Three rounds are planned, with the first set to launch in Fall 2017.

Each round will include:

- **one large prize of \$50 million;**
- **two prizes of \$10 million** for mid-sized communities;
- **one prize of \$5 million** for a small community; and
- **one prize of \$5 million** available for an Indigenous community.

#smartcitiesCanada

Disaster Mitigation and Adaptation Fund

- A ten-year, \$2 billion national merit-based program
- The objective is to **strengthen the resilience** of Canadian communities through investments in infrastructure projects, including **natural infrastructure**, to better withstand current and future risks such as floods, wildland fires, and droughts as well as other natural disaster risks, and ensure continuity of services.
- Projects that meet eligibility criteria will be assessed and ranked based on merit criteria
- Program terms and conditions are under development



Investing in Canada Infrastructure Program Funding Stream Overview

\$20.1
Billion

Public Transit

Funds construction, expansion and improvement of public transit networks

\$9.2
Billion

Green Infrastructure

Funds improvement of environmental quality, reduction of GHG emissions and increased resilience of communities under three separate substreams

\$1.3
Billion

Community, Culture and Recreation

Funds increased citizen participation and appreciation of cultural, recreational and community spaces.

\$2.4
Billion

Rural and Northern Communities

Funds improvement of the quality of life in rural and northern communities.
The funding under this stream includes the \$400 million Arctic Energy Fund.

Infrastructure Plans

- Provinces and Territories to provide a 3-year (or longer) Infrastructure Plan, updated annually, that would:
 - Provide an overview of regional and local priorities to be funded that fit within the federal outcomes framework.
 - Identify projects ready for funding approval, including timing of submission
 - Provide high-level information on projects planned for future funding



Cost Sharing

Budget 2017 bilateral agreements with Provinces and Territories will provide funding for public transit, green infrastructure, cultural and recreational infrastructure and for the infrastructure needs of rural and northern communities. Canada will invest:

Up to **40%*** of municipal and not-for-profit project costs

Up to **50%*** of provincial project costs

Up to **75%** of territorial and Indigenous partners' project costs

* For public transit, Canada will pay up to 50% for rehabilitation projects and up to 40% of new public transit construction and expansion projects.



Outcomes-Based Approach

- Change from exclusively asset-based investment to an outcomes focus for eligibility
- Provides greater flexibility to fund projects that may not have previously fit into eligible asset categories
- Provides ability to fund innovative projects
- Aligns with Government's agenda of delivering results to Canadians by tying investments to outcomes



Achieving and Reporting on Results

- *Infrastructure Canada* has identified results which are expected to be achieved through each funding stream
 - **Immediate results** can be achieved at project conclusion or within a short time of project conclusion.
 - **Intermediate results** are shifts in the behaviours and attitudes of Canadians and are *influenced* by the collective, immediate-level achievements of infrastructure projects (within 3 to 5 years).
 - **Long-term results** will be tracked over a five to ten year cycle and will show progress toward national priority areas specific to the IBAs and in keeping with the long-term priorities of INFC and the Government of Canada.



Immediate

Improved capacity of
Public Transit infrastructure

Measured by Recipients

Intermediate

Total ridership of public
transit

Measured by INFC

Long term

Modal share of public transit
and active transportation

Data Mock Up: Green Stream

For illustrative purposes only

National Target

Reduce by **50%** the number of long-term drinking water advisories in non-reserve communities

Current Status: 75% of target has been achieved

Long-term drinking water advisories are on the decline

70% NATURAL INFRASTRUCTURE

Constructed wetlands
Prairies
Estuaries
Coastal landscapes
Forests
Rain gardens



Communities are adapting

to climate related impacts, natural disasters and extreme weather events

30% GREY INFRASTRUCTURE

Buildings are becoming more energy efficient

Energy use intensity has dropped by 55%

30%

Increase in power generated from clean energy sources

350 km of active transportation paths

75



new electric car charging stations across Canada

We hope you're better able to leave your car at home and commute by biking, walking, skiing and skateboarding ...

