

POLICIES AND PROGRAMMING TO SUPPORT CLIMATE OBJECTIVES

2022 OECD Infrastructure Forum

Canada's Commitment to Emissions Reduction

- **Paris Agreement Signed in 2016**
 - *Limit the global average temperature rise to well below 2°C and pursue efforts to limit the increase to 1.5°C.*
- **Canada's 2030 Emissions Reductions Plan**
 - *Commitment to net-zero by 2050 by requirement to set national emissions reduction targets ten years in advance.*
- **Canadian Net-Zero Emissions Accountability Act passed in 2021**
 - *Roadmap to a 40-45% reduction of GHG emissions (below 2005 levels) by 2030 and net-zero emissions by 2050.*

Infrastructure Canada Green Programming

Specific Funding Streams

- **Investing in Canada Infrastructure Program**
 - \$33 billion 10-year program to fund provincial and local priorities
 - Each province given pre-determined allocation
- **Green Stream**
 - \$9.0 billion
 - Supports green infrastructure projects such as climate change mitigation, adaptation and disaster mitigation, and improving environmental quality.

Direct Application Programs

- **Disaster Mitigation and Adaptation Fund**

Supports structural and natural infrastructure projects to increase the resiliency of communities that are impacted by natural disasters triggered by climate change.
- **Natural Infrastructure Fund**

Supports projects that use natural or hybrid approaches to protect the environment and increase community resilience.
- **Green and Inclusive Community Buildings Program**

Supports increasing energy efficiency, infrastructure resilience, net-zero new builds, etc. in areas with populations experiencing higher needs.

Tools

- **Climate Lens**

Project-level requirement

(1) Looks at the anticipated greenhouse gas (GHG) emissions impact of an infrastructure project.

(2) Examines the climate risks and resilience of the project to a climate change-related disruption or impact.
- **Canada Infrastructure Bank**
 - \$5 B for energy efficient building retrofits, water, wastewater, CCUS, clean fuels and storage ZEV charging
 - \$5 B for clean power, renewables, storage , interties and transmission

Infrastructure Canada Policy and Policy Priorities

Clean Policies

- Federal support for **zero-emission public transit** vehicles and supporting infrastructure.
- A Federal Buy Clean strategy is being developed to **reduce embodied carbon** in the built environment by incentivizing the use of **low-embodied carbon materials** and design in federal procurement and federally funded infrastructure projects.

Adaptation and Resilience

- **National Adaptation Strategy** to reduce climate change risks, implement adaptation measures, and accelerate climate adaptation action – to be released in Fall 2022.
- **Requirement to consider adaptation and resilience** to be built into all new programs.

National Infrastructure Assessment

- Intended to provide an **evidence-based assessment of Canada's infrastructure** that will enable better long-term infrastructure planning by all orders of government.
- The advice put forward will help support key national outcomes, including **reaching net-zero emissions by 2050** and **greater resilience** in the face of a changing climate.

Regional planning

- **Greater emphasis on regional planning**, with involvement of local and regional governments and community groups, in future programming.