

Collaborative Projects

Objectives

To achieve at least one of the following strategic objectives:

- Promote the implementation of holistic approaches to public infrastructure planning and management, and sustainable community planning principles;
- Encourage a culture of using integrated life-cycle asset management as a decision-making approach;
- Promote the integration of demand management in public infrastructure planning and management;
- Encourage dissemination of project results to other municipalities; and
- Support collaborative feasibility and planning studies on public infrastructure projects and issues.

Sub-categories

- Asset management approaches:
 - knowledge of their infrastructure assets (e.g. inventory and location, book value, condition, expected residual life);
 - determination and reduction of life-cycle costs associated with infrastructure that is owned, leased and/or operated (e.g. maintenance, repairs, rehabilitation over the life cycle); and
 - improve collective understanding of the state and performance of Canada's infrastructure.
- Demand management approaches and strategies:
 - assessment and implementation of demand management strategies and approaches to meet the needs of municipalities or groupings of municipalities, such as
 - benchmarking,
 - establishing trends and developing corrective measures,
 - incentives (e.g., user fees, regulation, public buy-in and involvement),
 - least cost and optimization analyses,
 - alternatives to new capital investment.
 - assessment of capacity and prevention of over-development in terms of management, operation and functionality of the existing or future infrastructure; and
 - establishment of minimum levels of service (e.g. considering health and safety, security, functionality, risk assessment, affordability, social expectations), which support planning and decision making.

- Training:
 - training to ensure that the knowledge and the tools developed can be maintained on a long-term basis by the proponent; and
 - training at various levels (technical, administrative, elected officials) on asset management processes, benefits, tools, etc.
- Feasibility studies:
 - studies that examine infrastructure issues as well as due diligence aspects of specific infrastructure projects, which at the time of the study are not being actively considered for funding under the BCF.
- Infrastructure plans:
 - provincial long-term infrastructure plans based on current knowledge of infrastructure needs and/or assets to identify priorities and guide BCF investments.

Project Outcomes

The project must lead to at least one of the following outcomes:

- To improve the capacity of other levels of government to implement modern and innovative life-cycle management plans for their infrastructure assets;
- To assess the state and performance of the infrastructure assets; and
- To support collaborative feasibility and planning studies on public infrastructure.