

***Canada-British Columbia
BUILDING CANADA FUND
- Communities Component***

Category Specific Supplement

DISASTER MITIGATION

March 2009

Canada



DISASTER MITIGATION

BUILDING CANADA FUND - COMMUNITIES COMPONENT

OBJECTIVES

To construct or materially rehabilitate public infrastructure that reduces the vulnerability of a community or public infrastructure to the negative impacts of extreme natural events, including adverse events related to climate change.

SUBCATEGORIES

- Construction, modification or reinforcement of structures that protect from, prevent or mitigate potential physical damage resulting from extreme natural events, and impacts or events related to climate change.
- Modification, reinforcement or relocation of existing public infrastructure to mitigate the effects of and/or improve resiliency to extreme natural events and impacts or events related to climate change.¹

Note: Construction, modification or reinforcement of structures exclude normal routine, maintenance and operational work (e.g., dredging of sediment, gravel removal, debris traps, etc.).

PROJECT OUTCOMES

The project must achieve one or more of the following outcomes:

- Reduce the social, physical and/or economic risks associated with an extreme natural event and/or adverse effects related to climate change; and
- Improve the resiliency of public infrastructure to extreme natural events and/or adverse effects related to climate change.

PROGRAM CRITERIA

Through your application, you must demonstrate the following:

- The project is supported by a comprehensive, credible and feasible business case that outlines the costs and benefits of the proposed project. *(Please note that the application form will set out information requirements regarding project costing, ongoing operation and maintenance, engineering, technology, project management and governance)*
- How the project is consistent with applicable provincial, regional, or municipal plans (e.g., land-use, integrated watershed management plan, municipal official plans, Integrated Community Sustainability Plans).

¹ Excludes the relocation of whole communities.

- That the project will meet all applicable legislative or regulatory requirements, including the requirement for a federal Environmental Assessment process that meets the requirements of the *Canadian Environmental Assessment Act*, which may include specific requirements for aboriginal consultation.
- That the contract award process will be competitive, fair and transparent (e.g., no sole-source contracts, no union-only processes).
- That major risks related to extreme natural events and/or climate change risks with a potential impact on the project during construction or once completed have been considered, and, where applicable, a mitigation plan developed.
- That infrastructure intended for use by the public ensures appropriate access for persons with disabilities.
- That opportunities regarding a regional service area or other cooperative arrangements, particularly with First Nations communities, have been considered, as appropriate, in respect of the project.

PROJECT CRITERIA

- The project proponent must have conducted a risk assessment that supports the proposed mitigation project. The risk assessment shall include: the likelihood of a hazard, or combination of hazards occurring and the potential impact (including social, economic and environmental impacts).
- Where appropriate, the proponent must implement, or commit to implementing within two years of project completion, non-structural disaster mitigation measures that support the risk assessment. Elements may include: municipal zoning by-laws, planning and building codes that reduce disaster risk, and public awareness and education.
- Projects must be consistent with the goals and principles of the National Disaster Mitigation Strategy, (once developed).
- Will the newly constructed or materially rehabilitated buildings exceed the energy efficiency requirements of the Model National Energy Code for Buildings, or (preferred) will it obtain a LEED certification? (Gold or equivalent standard is recommended)
- Will the newly constructed buildings meet the requirements of the Canadian Standards Association Technical Standard Accessible Design for the Built Environment (CAN/CSA B651-04)?

SUPPORTING DOCUMENTATION

The following are examples of information that must be submitted to help support and strengthen the business case for your project.

- Project Drawings
- Detailed project cost breakdown including quotes or cost estimates
- Confirmation of sources of project funds, i.e., bank statements, approved bank loan documentation, letters of commitment (or copies of cheques) from

funding contributors, approved referendum (or a council resolution to hold a referendum to borrow for the project).

- Approvals of land use required prior to construction proceeding, i.e. Agricultural Land Reserve, right of ways, federal and/or provincial assets, etc.
- Land lease agreement, if applicable
- Current 5 year financial plan
- Information on measurable project benefits
- Letters of support, if available
- Short term employment hours during construction & creation of full time permanent jobs (job title), if applicable;
- Details on the incremental impact of funding (e.g.: should BCF-CC funding not forthcoming, would the project be reduced, delayed (months/years) or not proceed.
- Details on how the project will minimize the negative impacts on the environment? Will it reduce ongoing energy consumption and/or water consumption and/or waste compared to the existing infrastructure? Will it encourage recycling? Will it use recognized green materials in the construction or improvement of the infrastructure?
- Details on how the project will reduce the greenhouse gas emissions through best practices and new approaches and/or innovative technologies during the construction and operation of the infrastructure and where applicable, will they be reduced and by how much?

CONTACT INFORMATION

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Additional resources can be found on the Building Canada Fund – Communities Component website: www.bcbuildingcanadafundcommunities.ca

The Shared Information Management System for Infrastructure (SIMSI) on-line application, can be found at: <https://bcfcc-fccvc.infrastructure.gc.ca/>

To be assigned a username and password to access the SIMSI on-line application system, please forward a request to Infra@gov.bc.ca.