



Ministry of
Municipal Affairs

INFRASTRUCTURE PLANNING GRANT PROGRAM APPLICATION SUPPLEMENTARY FORM

PLEASE READ THE PROGRAM GUIDE before completing this Application Supplementary Form. An application for each project must be completed using the Local Government Information System (LGIS). The Application Supplementary Form and all other relevant documentation must be uploaded to the "Attachment" tab of the online application form in LGIS.

Applicants should be aware that information collected is subject to *Freedom of Information and Protection of Privacy Act* (FOIPPA).

This Application Supplementary Form is designed to be filled in electronically using word processing software. If you have any questions, please contact the Local Government Infrastructure and Finance Branch by phone at: 250 387-4060 or by email at: Infra@gov.bc.ca.

For Administrative Use Only

A. Applicant Information

Legal Name of Local Government: **Resort Municipality of Whistler**

Project Title: **Roadmap for professional natural asset management norms**

B. Project Information

1. What are the main objectives of the project?

Support the development of a roadmap document that will build on work by the Municipal Natural Assets Initiative (MNAI), Engineers and Geoscientists of BC/Asset Management BC, by developing a roadmap for how to integrate natural asset management into the professional norms of sectors beyond engineering.

2. What is the deliverable that will result from this project?

Roadmap document of approximately 20-30 pp

3. If multiple applications are being submitted, this project is ranked as priority ___ out of ___ applications.

N/A

4. Explain how this project integrates ecological services, resources recovery, and/or other initiatives to manage climate change in the community.

The project forms part of an overall natural asset management effort. Natural asset management enables local governments to provide core services such as stormwater management, water filtration, and protection from flooding and erosion, as well as additional services such as those related to recreation, carbon storage and sequestration, biodiversity, health and culture. Natural asset management service delivery rests on healthy, biodiverse ecosystems and thus progress in this domain supports the delivery of ecological services and climate change mitigation and adaptation.

The Municipal Natural Assets Initiative (MNAI), which with RMOW is collaborating, has its mission to make natural asset management a mainstream practice across Canada. In support of this MNAI has worked with Engineers and Geoscientists for BC to create new guidance to support engineers. This will be released in July 2021.



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Now, the challenge is to develop a roadmap to extend the work to other professions beyond engineering; the development of a roadmap and subsequent engagement on it is a first step towards this.

Success in this regard will support natural asset management and this climate change and ecological health outcomes.

5. Explain how this project will improve public health and safety / community wellness.

The roadmap, once completed, will improve our knowledge of the extent to which a variety of professions can begin to deliver core services such as the provision of drinking water and stormwater management services (which are linked to health and wellness) through natural asset management.

6. Explain how this project supports community sustainability goals and indicate how this project is integrated into the development or implementation of any long-term plans.

The RMOW Official Community Plan contains Policy 7.1.2.5: Investigate the application and integration of natural capital and municipal natural assets into the municipality's asset management program to recognize and assign value to the role of ecosystem services in the functioning of Whistler's infrastructure.

The RMOW also intends to develop a natural assets inventory and include into our overall asset management plan, as we believe that the tremendous natural assets we have in our community play a significant role in municipal services, reducing reliance on engineered infrastructure and providing additional benefits (such as recreation, flood reduction, and mitigation of climate change impacts).

The project would support these efforts.

7. a) Will the project be developed in partnership or collaboration with any First Nations, organizations or/and local governments?

☒ Yes ☐ No

Local governments have been consulted throughout the process as therefore their views and input is foundational to the work. Furthermore the roadmap development is guided by an advisory group which includes people drawn from a range of disciplines, including local government.

b) If yes, list the partners and describe their role in this project:

Advisory group members includes:

Jane Welsh Canadian Society of Landscape Architects & Advisory Group member

Melina Scholefield City of Vancouver and Advisory Group member

Robin Cox Royal Roads professor & Advisory Group member

Stuart Nash EGBC, & Advisory Group co-chair

Ryan O'Grady Professional Engineer, & Advisory Group member

Parsa Shani 5th year UBC Civil Engineering; MITACS intern



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Deborah Harford SFU ACT & Advisory Group member
Susan Nesbit UBC Professor; leads UBC engagement in project
Wally Wells Asset Management BC & Advisory Group
Mathew Walker Jacobs

8. a) Will (has) this project receive(d) any funding or in-kind contributions from a third party? ☒ Yes ☐ No

b) If yes, list the parties and describe their contributions:

Real Estate Foundation of BC is the main project funder for the initiative under which the roadmap occurs @182,000; MITACS is supporting the involvement of students @ 67500; Greenbelt, SFU and other in-kind contributions total approximately 65000.

9. a) Will there be any public consultation and/or participation? ☒ Yes ☐ No

b) What consultation will occur, if any?

As noted above: the project has benefitted from an advisory group as well as research led by UBC Masters in Engineering Program.

Furthermore, the roadmap will serve as the starting point for an engagement process beginning in Autumn 2021.

c) If consultation has occurred what was the outcome?

Consultation with the Advisory Group has shaped the current proposed form and format of the roadmap.

10. a) What is the population of the community?

b) What is the estimated population that will be served by this project?

(1) By the end of 2021 MNAI will have worked in or with ~90 local governments across Canada, many of which are in BC. Assuming that the roadmap and subsequent engagement leads to normative changes in 2 professional disciplines within 3 years, and that professionals work with communities representing 10% of BC's local governments over 5 years, as a low-end estimate, this would result in approximately 500,000 people served.

(2) Assuming that the roadmap influences sectors that work with RMOW, then our population will also benefit.



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Full and Accurate Information: applicants are responsible for ensuring that full and accurate information is submitted to the Ministry of Municipal Affairs and any applicable supporting information has also been submitted. If a question in the Application Supplementary Form is not applicable to the project, provide a brief explanation of why it is not applicable.

Please ensure to upload all the required materials (refer to section 3.1.1 of the Infrastructure Planning Grant Program) under the “Attachment” tab of the online application in LGIS **prior to submission as the form (including the attachment section) will be locked by the system post submission.** Applications will not be assessed until the Application Supplementary Form is received by the Ministry of Municipal Affairs.

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