

## Extreme Weather Response Plan

<b>Date:</b>	November 5, 2021
<b>Department, GM:</b>	Kate Zanon, General Manager of Community Development
<b>Project Manager:</b>	Mary De Paoli, Manager of Policy Planning
<b>Staff Lead:</b>	Arzan Balsara, Sustainability and Energy Coordinator
<b>Project Origin:</b>	<input type="checkbox"/> Council Motion <input type="checkbox"/> Staff Initiated <input checked="" type="checkbox"/> Other: Climate Action Plan project
<b>Priority Area:</b>	<input type="checkbox"/> Exceptional Service <input checked="" type="checkbox"/> Environmental Leadership <input type="checkbox"/> Healthy City <input type="checkbox"/> Economic Prosperity <input type="checkbox"/> Community Evolution
<b>Strategic Alignment</b>	<u>Objective:</u> Provide leadership in climate change by thinking globally and acting locally <u>Action:</u> Respond and adapt to climate change through planning and policy development
<b>Proposed Priority</b>	<input checked="" type="checkbox"/> Priority Level 1 <input type="checkbox"/> Priority Level 2 <input type="checkbox"/> Priority Level 3

### Project Description

Develop an analysis and strategy with specific actions that will result in reducing climate change risk and vulnerabilities associated with potential extreme weather events in the community. The project will result in an Extreme Weather Response Plan for Port Moody. The Plan will take into consideration current and future climate projections, assess risks and vulnerabilities to persons, groups, services, and infrastructure and develop short-, medium- and long-term actions to reduce risks and vulnerabilities effectively and strategically while not increasing greenhouse gas (GHG) emissions.

### Relevant Background

In July of 2020, Council endorsed Port Moody's first Climate Action Plan, a comprehensive set of goals, targets, and actions to guide Port Moody in becoming a carbon neutral, climate resilient community by 2050.

In February of 2021, Council endorsed a Phase One Climate Action Implementation Strategy, outlining 23 actions from the Climate Action Plan to implement from 2021 to 2022. Developing an Extreme Weather Response Plan is one of the 23 actions endorsed for implementation in 2021.

### Project Objectives

The goals of the plan are:

- People - support people in Port Moody during extreme weather events;

- Infrastructure/Services - adapt infrastructure to minimize impacts of extreme weather e.g. buildings, roads, trails and ensure service delivery is uninterrupted;
- Education - increase community education in preparing for extreme weather events;
- Mitigation - reduce risk from extreme weather events and ensure that actions do not increase greenhouse gas emissions; and,
- Resiliency - build community resiliency in responding to extreme weather.

Scope	
<b>In Scope</b>	<ul style="list-style-type: none"> <li>- Procure consultant expertise</li> <li>- Research and best practices</li> <li>- Stakeholder workshops</li> <li>- Risk and vulnerability assessment</li> <li>- Action development</li> <li>- Draft plan</li> </ul>
<b>Out of Scope</b>	<ul style="list-style-type: none"> <li>- Public engagement</li> <li>- Public facing interactive mapping and engagement tool</li> <li>- Plan implementation</li> </ul>

Work Plan Overview	
<b>Project start date:</b> November 2021	<b>Project end date:</b> August 2022
<i>Deliverable/Milestone:</i>	<i>Date:</i>
<b>Phase 1: Data Gathering and Analysis</b> Staff and consultants collect and review project data, best practices, and determine project indicators. Perform climate risk and vulnerability assessment.	December 2021 - February 2022
<b>Phase 2: Stakeholder Communications and Engagement</b> Project team design and implement stakeholder engagement strategy.	February - March 2022
<b>Phase 3: Recommended Suite of Actions</b> Project team works with stakeholders to develop recommended actions. Staff will bring forward recommendations for summer 2022 in advance of draft plan.	March - May 2022
<b>Phase 4: Draft Plan</b> Project team to compile all information into a draft plan and present for Council consideration.	August 2022

Budget	
<b>Budget Source:</b>	
New Initiatives Fund (Approved November 2021)	\$43,000
<input type="checkbox"/> <b>Request Referral to Finance Committee</b>	

Decision Notes		
Date	Meeting	Decision