

Climate Ready Homes and Buildings Plan

Date:	November 5, 2021
Department, GM:	Kate Zanon, General Manager of Community Development
Project Manager:	Mary De Paoli, Manager of Policy Planning
Staff Lead:	Laura Sampliner, Senior Sustainability and Energy Coordinator
Project Origin:	<input type="checkbox"/> Council Motion <input type="checkbox"/> Staff Initiated <input checked="" type="checkbox"/> Other: Climate Action Plan project
Priority Area:	<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
Strategic Alignment	<u>2.4</u> <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
Proposed Priority	<input checked="" type="checkbox"/> Priority Level 1 <input type="checkbox"/> Priority Level 2 <input type="checkbox"/> Priority Level 3

Project Description

Develop a strategy that outlines a combination of recommendations (i.e., tools, policy etc.) that will result in enabling all new and existing buildings to be resilient and zero-emissions within the Climate Action Plan target timelines.

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 a Climate Ready Homes and Buildings Plan is one of the 23 actions endorsed for implementation in 2021.

Project Objectives

- Understand where the highest GHG emitting buildings are in the community;
- Understand where buildings and their occupants may be at risk to impacts of climate change (e.g., flood, extreme heat);
- Gather input from the community on barriers to retrofitting homes and buildings, guiding principles for the Plan, and motivations for taking action;

- Developing a comprehensive set of actions to reduce emissions and climate vulnerability in all existing and new buildings in Port Moody

Scope	
In Scope	<ul style="list-style-type: none"> - Consultant assistance for technical Plan elements (i.e., community homes and building GHG analysis and tool, climate vulnerability and risk assessment) - Public and stakeholder engagement - Developing recommendations (i.e., policy, program, requirements for new and existing buildings) - Presenting draft Plan to Council
Out of Scope	<ul style="list-style-type: none"> - Implementation of the Plan

Work Plan Overview	
Project start date: June 2021	Project end date: May 2022
<i>Deliverable/Milestone:</i>	<i>Date:</i>
Phase 1: Data gathering and Analysis <u>Deliverable:</u> Interactive tool with operational /embodied carbon estimates and climate risks applied to the inventory of Port Moody buildings; Summary memo of best practices in low-carbon resilient policy and programs	June 2021 – September 2021
Phase 2: Communications and Engagement <u>Deliverable:</u> Communications and Engagement Strategy; Communications and Engagement Summary	October 2021 – January 2022
Phase 3: Recommended Suite of Actions <u>Deliverable:</u> Phase 3 memo including list of recommended actions, methodology, and background information from Phase 1; List of all actions and details described above	February 2022 – March 2022
Phase 4: Draft Plan <u>Deliverable:</u> Draft Climate Ready Homes and Buildings Plan with appendices. Staff report and presentation to Council seeking endorsement of the Draft Plan.	March 2022 – May 2022

Budget	
Budget Source:	
Policy Planning Department Budget 2021 (confirmed)	\$21,150
BC Hydro Sustainable Communities Grant (secured)	\$28,850
<input type="checkbox"/> Request Referral to Finance Committee	

Decision Notes		
Date	Meeting	Decision