



City of Port Moody

Report/Recommendation to Council

Date: November 22, 2021
Submitted by: Climate Action Committee
Subject: 2021 Annual Report – Climate Action Committee

Purpose

To provide a report on the activities of the 2021 Climate Action Committee.

Recommended Resolution(s)

THAT the report dated November 22, 2021 from the Climate Action Committee regarding 2021 Annual Report – Climate Action Committee be received for information;

AND THAT the 2022 Climate Action Committee be asked to review this report and bring forward its annual Work Plan in spring 2022.

Committee Mandate

The mandate of the Climate Action Committee is to provide advice and recommendations in the following areas:

- inform and advise Council on climate action matters within the Council Committee System Policy;
- existing or proposed bylaws, policies, initiatives, pilot projects, and activities the City could participate in to promote energy efficiency, the reduction of GHG emissions, and achieve carbon neutrality;
- mitigation and adaptation to climate change;
- any other matters referred by Council; and
- other areas identified by the Committee for approval by Council.

Meetings and Attendance

The Climate Action Committee met monthly between January and November 2021, with the exception of August 2021 due to summer break.

Councillor Meghan Lahti was appointed as Chair and Councillor Amy Lubik as Vice-Chair in December 2020. Between January and November 2021, the following members served on the Committee:

- Elaine Golds;
- Helen Howes;
- Adam Janis;
- Mike Kasuya;
- Shelley Moore;
- Poopeh Morakkabati;
- Aidan Trerise (from May 2021); and
- Derek Wilson.

Laura Sampliner, Senior Sustainability and Energy Coordinator, served as the primary staff liaison to the Climate Action Committee. Mary De Paoli, Manager of Policy Planning, served as the alternate staff liaison to the Committee. Jennifer Mills served as the Committee Coordinator.

Key Activities and Work Plan

The 2021 Climate Action Committee Work Plan was approved by Council on March 9, 2021. The following are the key activities that were undertaken in 2021 by the Climate Action Committee (a list of resolutions made in 2021, along with the status of the motions, is included in **Attachment 1**):

Climate Action Plan Implementation Update

The Committee received a presentation from the Staff Liaison on developing an implementation strategy for Phase One of implementing the 2020 Climate Action Plan, including guiding principles, timelines of phase one, implementation framework, and key performance indicators.

Film Subcommittee Update

A Film Subcommittee was formed in 2020 to create movie nights with a focus on sustainability and climate action. These efforts were negatively impacted by COVID-19 and staff requested Committee members' feedback on continuing efforts in 2021. The Committee discussed the role of the Subcommittee and suggested to focus efforts on climate action communication and outreach opportunities amid COVID-19.

Digital CO₂ Display in Rotunda

A Committee member proposed a digital CO₂ display in the rotunda, noting that the atmospheric carbon dioxide levels could be displayed to bring awareness to environmental issues, and could provide an opportunity to engage the public and provide links to the Climate Action Plan and other initiatives. The Chair noted that the digital billboard agreement includes the availability of display time for City use and the Committee passed a resolution requesting that each City Department be allocated opportunities to use the digital billboards and to promote Earth Day in 2021.

Review of the City's Fleet Policy and Recommendations for Information to be Included in the Climate Action Plan Implementation Plan

The Committee received a presentation from the Manager of Solid Waste, Fleet, and Shared Services on the recently adopted Fleet Policy, noting that the Policy will guide the City's decisions on vehicles and equipment related to sustainability such as considering electric vehicles and right sizing of vehicles. The City's Superintendent of Parks presented on the City's new zero emissions off-road vehicle, the Might-E-Truck, and the use and impact of this vehicle for City operations and sustainability.

Slow Moving e-Vehicles on Paths in the City of Port Moody

The City's Transportation Engineer gave a presentation on the Master Transportation Plan implementation projects, including an overview of where slow-moving electric vehicles are permitted within the city.

Interim Greenhouse Gas Reduction Goals

A Committee member noted that Metro Vancouver established 2025 emission reduction targets and the Committee discussed how documenting and reporting out on Port Moody's Climate Action Plan progress could help showcase the Plan's achievements and progress.

BC Hydro Energy Efficiency Incentives and CleanBC Incentives and Rebates

The Committee received a presentation from a CleanBC Energy Coach outlining the CleanBC Better Homes program rebates and incentives available to Port Moody residents. The Committee asked staff to report back with options for providing a municipal top-up on CleanBC rebates, promoting rebates and incentives locally, and hosting a free community webinar related to heat pumps.

City Civic Infrastructure Upgrades

The Committee received a presentation from the Manager of Facilities on recent upgrades to civic facilities that impact sustainability. The Manager of Facilities shared that the City has undertaken energy- and emissions-saving projects at several facilities from building envelope and structural improvements to upgrading mechanical equipment.

Forest Fire Prevention and Urban Tree Report and Plan

The Committee received a presentation from the Deputy Fire Chief, Community Safety, Training, and Emergency Management on the framework and process related to developing a Community Wildfire Protection Plan (CWPP). The Director of Environment and Parks provided information on how Fire Rescue and Parks and Environment staff are working together to consider climate change and impacts on the environment in relation to wildfire protection measures.

Energy Step Code Update

The Committee received a presentation from the Staff Liaison that outlined the purpose of and how the Energy Step Code works, Port Moody's Energy Step Code requirements, and the number of Energy Step Code compliant projects currently in stream.

Saanich Working Group One Planet Region

The Committee received a presentation from the Manager of Municipal Programs at One Earth, BCIT Centre for Ecocities, and the Manager of Sustainability at the District of Saanich. The presentation outlined One Earth's projects and purpose, including an overview of consumption-based emissions inventories (CBEI) and integration of a CBEI in the District of Saanich's Climate Action Plan.

Residential e-Vehicles Charging Station for Beginners

The Committee received a presentation from Fraser Basin Council's Plug In BC members regarding CleanBC Go Electric rebates and incentives, charging infrastructure options, and solutions for homes, workplaces, and communities.

Bike Network Expansion to Achieve 2030 Mode Shift

The Committee received a presentation from the Transportation Engineer on implementing the Master Transportation Plan (MTP), including updates on key projects completed, underway, and upcoming and the focus on achieving the transportation and safety targets in the MTP and Climate Action Plan.

Community Outreach Planning

The Committee discussed opportunities to initiate and continue community outreach related to the Climate Action Plan and sustainability initiatives; however, this work was put on hold due the COVID-19 pandemic.

Potential for Energy-Sharing (Thermenex) Systems at City Hall or Recreation Complex

Due to scheduling conflicts, this item was not scheduled for a 2021 Committee meeting.

One-Year Later Update on the Climate Action Plan

The Committee received a presentation from the Staff Liaison regarding the implementation status and progress of the 23 actions being implemented from the Climate Action Plan, including expected project and reporting timelines.

Climate Action Award

The Committee reviewed the 2021 Climate Action Award nominations in September and recommended one recipient to Council for consideration.

Heat Pumps for Beginners

A link was shared with the Committee to view a webinar called *Considering a Heat Pump* from the District of North Vancouver and the Province of BC. The webinar provided information about heat pump technologies and available rebates and incentives from CleanBC.

Passive House Building

Due to scheduling conflicts, this item was not scheduled for a 2021 Committee meeting.

Metro Vancouver Residential Water Metering Best Practices

The Committee received a presentation from the Acting Director of Policy, Planning, and Analysis in Water Services at Metro Vancouver, including information about Metro Vancouver's Residential Water Metering in Metro Vancouver Best Practices Guide for Local Government and the benefits and challenges of implementing residential water meters.

Outstanding Matters

The Sustainability Building Practices Subcommittee is preparing a report to Council.

Suggested Focus Areas for Next Year

Subject to Council's direction, the following focus areas should be included in the Committee's Work Plan for 2022:

- quarterly Climate Action Plan implementation updates;
- high performance residential building; and
- community outreach planning.

Attachment(s)

1. 2021 Climate Action Committee Resolutions.

Report Authors

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Report Approval Details

Document Title:	2021 Annual Report – Climate Action Committee.docx
Attachments:	- Attachment 1 – 2021 Climate Action Committee Resolutions.pdf
Final Approval Date:	Dec 6, 2021

This report and all of its attachments were approved and signed as outlined below:

Tracey Takahashi, Deputy Corporate Officer - Dec 3, 2021 - 1:57 PM

Dorothy Shermer, Corporate Officer - Dec 3, 2021 - 4:22 PM

Rosemary Lodge, Manager of Communications and Engagement - Dec 6, 2021 - 8:11 AM

Paul Rockwood, General Manager of Finance and Technology - Dec 6, 2021 - 8:32 AM

Tim Savoie, City Manager - Dec 6, 2021 - 10:31 AM