



City of Port Moody

Agenda

Climate Action Committee

Electronic Meeting via Zoom

Monday, June 28, 2021

Commencing at 7:00pm

1. Call to Order

2. Adoption of Minutes

Minutes

Pages 3-8

2.1 Recommendation:

THAT the minutes of the Climate Action Committee meeting held on Monday, May 31, 2021 be adopted.

3. Unfinished Business

4. New Business

Review of City's Fleet Policy

4.1 Presentation: Paul Leblanc, Manager of Solid Waste, Fleet, and Shared Services

City Fleet Greenhouse Gas Reduction Example

4.2 Presentation: Robbie Nall, Superintendent of Parks

Master Transportation Plan Project Updates

4.3 Presentation: Geoffrey Keyworth, Transportation Engineer

Sustainable Building Practices Subcommittee Update

4.4 Sustainable Building Practices Subcommittee

5. Information

Staff Updates

5.1

6. Adjournment

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City of Port Moody

Minutes

Climate Action Committee

Minutes of the meeting of the Climate Action Committee held on Monday, May 31, 2021 via Zoom.

Present

Councillor Meghan Lahti, Chair
 Councillor Amy Lubik, Vice-Chair (arrived at 7:11pm)
 Helen Howes
 Adam Janis
 Poopeh Morakkabati
 Shelley Moore
 Aidan Trerise
 Derek Wilson

Absent

Elaine Golds
 Mike Kasuya (Regrets)

In Attendance

Kirk Heaven – Deputy Fire Chief, Port Moody Fire Rescue
 Megan Krempel – Recording Secretary, Raincoast Ventures
 Laura Sampliner – Sustainability and Energy Coordinator

Also in Attendance

Cora Hallsworth, Senior Associate, One Earth
 Rebecca Newlove, Manager of Sustainability, District of Saanich

1. Call to Order

The Chair called the meeting to order at 7:00pm.

2. Adoption of Minutes

Minutes

- 2.1 CAC21/013
 Moved, seconded, and CARRIED
THAT the minutes of the Climate Action Committee meeting held Monday, April 26, 2021, be adopted.

3. Unfinished Business

4. New Business

**One Planet Region
and One Planet
Saanich**

- 4.1 Presentation: Cora Hallsworth, Senior Associate, One Earth, and Manager of Municipal Programs, BCIT Centre for Ecocities, and Rebecca Newlove, Manager of Sustainability, District of Saanich

Links:

- One Planet Region: <https://oneplanetconversations.ca>
- One Planet Saanich: <https://www.oneplanetsaanich.org>

Cora Hallsworth, Senior Associate, One Earth, and Manager of Municipal Programs, BCIT Centre for Ecocities, gave a presentation on One Planet Regions and the *One Planet Saanich* project, and noted the following:

- One Earth is a “think and do tank” that innovates and amplifies solutions for sustainable ways of living;
- the BCIT Centre for Ecocities uses an ecological footprint as a core metric; key metrics include territorial Greenhouse Gases (GHG); consumption-based emissions inventory (CBEI), and ecological footprint;
- the world is in the midst of a climate crisis with global action targets not being met and the earth’s biocapacity being limited and unable to sustain global population growth;
- the North American consumer society has the highest use of hectare per person shown by the disproportionate impacts of high consumption lifestyle and the correlation between income and emissions;
- a growing number of local and regional governments are pursuing CBEIs to complement traditional inventories with strategies that maximize global reductions being encouraged;
- the project has a focus on key impact areas including food (reducing food wastage and increasing plant-based diets); buildings (shifting to efficient and renewable energy systems); consumables and waste (reducing hyper consumption); and transportation (rethinking mobility);
- the project is exploring opportunities with ten BC communities, including the *One Planet Saanich* pilot project with the District of Saanich (District);
- the goal of *One Planet Saanich* is to drive down the District’s ecological footprint and GHG emissions through collaborative action planning;
- the One Planet Principles will act as a guide to formulate individual actions and action plans and are aligned with United Nations sustainable development goals; and
- there are opportunities for schools, local government, and businesses to participate in the program.

Rebecca Newlove , Manager of Sustainability, District of Saanich, gave a presentation on the District of Saanich's Climate Plan, and noted the following:

- the ecological footprint and One Planet considerations are embedded in the District's updated Climate Plan;
- the CBEI illustrates the need for further research on the global impacts related to food and will continue to be updated and improved with local data;
- incorporation of the CBEI, climate resiliency, mitigation, and adaption are identified priorities in the District's Climate Plan;
- the District's Climate Plan includes 131 consumption-based actions with a focus on buildings, food and materials, and demonstrating leadership in District operations;
- each focus area has a vision, objective, strategy, and related actions;
- the Plan informs communities on the value of consumption emissions through the carbon calculator, Resident's Climate Action Guidebook, social media, and the *One Planet Saanich* website;
- there is an opportunity for community members to create their own climate action plans at home using the One Planet principles; and
- there is a need for increased promotion of the Lighter Living app, sustained funding, and stakeholder participation in the *One Planet Saanich* project.

The Committee noted the following in discussion:

- providing a network for collaboration and sharing of resources can assist communities overcome barriers for implementing actions;
- the District's Climate Plan was more impactful when shifted from incremental changes to setting aggressive targets with less use of "encouraging" language;
- start-up businesses and those committed to sustainability are more likely to get involved;
- communities can use the One Planet Action tool to see how local businesses are contributing to community-wide objectives; and
- there is potential for compiling network-wide indicators which can be reported on and compared.

Ms. Hallsworth and Ms. Newlove left the meeting at this point and did not return.

- 4.2 Presentation: Kirk Heaven, Deputy Fire Chief Community Safety, Training, and Emergency Management, and Jeff Scallion, Lieutenant, Community Outreach and Life Safety, Port Moody Fire Rescue
Link: Fire and Home Safety:
<https://www.portmoody.ca/en/city-services/fire-and-home-safety.aspx>

The Deputy Fire Chief Community Safety, Training, and Emergency Management, Port Moody Fire Rescue (PMFR), gave a presentation on the FireSmart program, and noted the following:

- the FireSmart program is designed to empower citizens to increase their resiliency in the event of a wildfire and is primarily promoted through community events and school visits;
- funding for the program comes from the Union of BC Municipalities (UBCM) and includes \$150,000 for 2021;
- prior to the COVID-19 pandemic, PMFR crews would go door-to-door, offering to conduct fire assessment on homes;
- the PMFR will be seeking approval from Council to hire a short-term employee to work on the Community Wildfire Protection Plan (CWPP) and implement its 45 actions;
- the PMFR is conducting detailed assessments of nine selected areas in the city and determining potential fire hazards and mitigation measures;
- a rebate program offers up to \$500 for home repairs that make homes safer from fire; and
- a PMFR tree-chipping service will be offered in the fall;
- a truck specifically designed to fight wildfires has been procured by PMFR.

The Deputy Fire Chief Community Safety, Training, and Emergency Management left the meeting at this point and did not return.

Energy Step Code Update

- 4.3 Presentation: Laura Sampliner, Sustainability and Energy Coordinator

The Sustainability and Energy Coordinator gave a presentation on the Energy Step Code, and noted the following:

- the Energy Step Code is performance-based, not prescriptive-based, building code compliance pathway and leaves some flexibility to the builder in terms of materials used and construction form;
- buildings must comply with metrics based on the construction design and compliance is determined through performance demonstrated through energy modelling and onsite testing;

- the Provincial CleanBC plan has indicated that these energy efficiency requirements will become base building code requirements building toward being 80% more energy efficiency than current building code requirements by 2032;
- the goal of the Energy Step Code is to increase building performance at a rate that will not upset the current building market;
- through the rezoning process, applicants are encouraged to improve their energy or low-carbon performance in advance of the building stage;
- mid-construction airtightness testing is a low-cost method of ensuring the building is on track to meet the energy requirements;
- since January 1, 2019, 12 Energy Step Code building permits out of a total of 46 received have been issued; no Energy Step Code projects have been completed to date;
- the carbon performance standards could be incorporated in the updated BC Building Code being released in fall 2021;
- an Energy Step Code Peer Network continues to support municipalities across BC, particularly rural or northern communities; and
- climate action policy mechanisms include continuing to advocate for carbon performance standards in new construction; building energy benchmarking; home energy labelling; and Property Assessed Clean Energy (PACE) financing.

The Committee noted that the Energy Step Code Peer Network is open to local government staff only and that there are tools, resources, and webinars available on the Community Energy Association website.

5. Information

Staff Updates

5.1 The Sustainability and Energy Coordinator noted the following:

- the deadline to submit nominations for the Climate Action Civic Award is July 31, 2021 after which the Committee will review the applications and nominate a recipient of the award for Council's consideration; the award recognizes those who advance the goals and objectives of the City's Climate Action Plan and the recipient will be invited to receive their award at a dinner scheduled for January 2022;

- the Committee report regarding the Clean BC municipal fund top-up rebate is scheduled for presentation to Council on June 22, 2021; and
- there is work under way with the UBCM Green Communities Committee to develop a replacement program following the termination of the ten-year provincial Climate Action Revenue Incentive Program (CARIP); the replacement program could be competition-based as feedback received indicated that smaller communities expressed concerns that CARIP was inequitable.

The Chair advised that the City of Port Moody has been nominated for the United Nations Global Climate Action Award in recognition of the City's Climate Action Plan and thanked the Committee and staff for their work.

The Vice-Chair advised that the Environmental Protection Committee formed a Green Infrastructure Working Group to research global policies on green infrastructure and extended an invitation for Committee members to participate in the working group.

Sustainable Building Practices Subcommittee

- 5.2 Attachment: Sustainable Building Practices Subcommittee Minutes, May 6, 2021
File: 01-0360-20-55-01

This item was provided for information only.

6. Adjournment

The Chair adjourned the meeting at 8:54pm.

Councillor Meghan Lahti,
Chair

Megan Krempel,
Recording Secretary