

# City of Port Moody

## Minutes

### Climate Action Committee

Minutes of the meeting of the Climate Action Committee held on Monday, June 27, 2022 via Zoom.

#### **Present**

Councillor Amy Lubik, Chair  
Aline Bennett  
Tugce Conger  
Eric Hedekar  
Helen Howes  
Adam Janis  
Derek Wilson

#### **Absent**

Councillor Diana Dilworth, Vice-Chair  
Poopeh Morakkabati

#### **In Attendance**

Kelsey Guenette, Recording Secretary, Raincoast Ventures  
Geoffrey Keyworth – Transportation Engineer  
Laura Sampliner – Senior Sustainability and Energy Coordinator

#### **Also In Attendance**

Emily Newhouse, Medical Health Officer, Fraser Health

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#### 1. Call to Order

#### **Call to Order**

- 1.1 The Chair called the meeting to order at 7:02pm and acknowledged the traditional territories of the Coast Salish First Nations.

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#### 2. Adoption of Minutes

#### **Minutes**

- 2.1 CAC22/009  
Moved, seconded, and CARRIED  
**THAT the minutes of the Climate Action Committee meeting held Monday, May 30, 2022 be adopted.**

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#### 3. Unfinished Business

#### 4. New Business

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##### **BC Health Authorities Climate Vulnerability Index**

- 4.1 Presentation: Emily Newhouse, Medical Health Officer, Fraser Health  
Link: [Community Health and Climate Change](#)

Emily Newhouse, Medical Health Officer, Fraser Health gave a presentation on Climate Vulnerability Mapping and Preparation, and noted the following:

- preparation of climate vulnerability mapping includes analysis of direct impacts of climate change on human health, such as severe weather, air pollution, allergens, impacts to water quality and food supplies, and changes in vector ecology;
- many modifiers exist to health impacts, including climate drivers like increased temperatures and precipitation translate into exposure pathways which are affected by other contexts such as social and behavioural, and environmental and institutional;
- climate vulnerability is a function of interactions between climate-related exposures, physiological sensitivities, and the adaptive capacity of individuals or communities;
- funding from Health Canada was received by Vancouver Coastal Health and Fraser Health for the HealthAdapt project to map climate change vulnerability in the region on a local scale;
- sensitivity in mapping focused on ages at both ends of the spectrum (under the age of five and over the age of 65), as well as a range of pre-existing conditions including cardiovascular disease, pregnancy, and others;
- the Heath Check-In Support Framework released by Vancouver Coastal Health and Fraser Health provides the necessary steps to organize a heat check-in project for municipalities and includes the National Collaborating Centre for Environmental Health standardized document to walk municipalities through conducting a heat check-in; and
- Vancouver Coastal Health and Fraser Health are interested in receiving feedback from communities and partners related to information and resources needed and how to best work together to combat climate change.

Ms. Newhouse noted the following in response to Committee member questions:

- the detailed report on analysis methods and data sources can be shared; however, Fraser Health is not a data steward and permission would be required from some data sources directly if further detail is desired;
- high risk areas consistent across each map may be driven by common physiological or socioeconomic vulnerabilities; and
- the BC Heat Alert Response System is designed to have direct flow of information to municipalities (i.e., ECCC instigates a heat warning, which flows to health emergency management staff, which flows to municipalities);
- extreme heat emergencies require a briefing for municipal and other local governments to provide context; and
- outreach with emergency management staff in municipalities is conducted ahead of time to ensure familiarity with the system.

The Senior Sustainability and Energy Coordinator noted the following in response to Committee members questions:

- Port Moody has a 2022 Cooling Centre Plan that speaks to the new alert system in place and how communication is passed through various channels;
- the Emergency Program Manager is the first point of contact for heat warnings and alerts, and the Emergency Operations Centre (EOC) may be activated; and
- the Communications team and various staff departments become involved with coordination of communication to the community and short-term operational needs.

In response to the presentation, the Committee noted the following:

- effects of climate change, other than extreme heat, will be equally if not more significant, but perhaps less obvious on a day-to-day basis;
- extreme heat provides the greatest evidence of climate change while others are more difficult to pinpoint; and
- there is more uncertainty associated with climate change impacts other than extreme heat, which increases the difficulty in developing mitigation measures.

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

## **Transportation Assessments in New Developments Update**

### **4.2 Presentation: Geoffrey Keyworth, Transportation Engineer Attachment: Transportation Assessment for New Developments**

The Transportation Engineer gave a presentation on Transportation Assessments in New Developments, including information about the following topics:

- background;
- Master Transportation Plan (MTP) targets for transportation;
- how change will happen with new developments;
- insignificant or absent MTP targets in development-related transportation;
- how can transportation demand be comprehensively addressed;
- research;
- enhanced transportation impact assessment approach;
- goals-based assessment approach;
- strengths and limitations of the enhanced transportation impact assessment and goals-based assessment approaches; and
- next steps.

The Transportation Engineer noted the following in response to Committee member questions:

- the bar graph displaying transportation mode data from 2011 and projected data for 2045 is outdated and most likely combined walking and transit modes into a sustainable single mode share number;
- a transportation target in the Climate Action Plan is to move up the target for sustainable transportation modes and increase fleet wide penetration of zero-emission vehicles;
- the MTP update recognizes the importance of growing the zero-emission fleet; however, it will not be rapid enough to meet targets set;
- new traffic patterns have been recorded since pre-pandemic; however, overall traffic volumes and demand have returned to pre-pandemic levels;
- the Goals-Based Assessment has not been identified for a public engagement process;
- a strong relationship exists between transportation demand and overall affordability, with housing affordability as the strongest driver of overall affordability; and
- incentives to encourage alternative transportation modes are a focus in the MTP project more so than the Goals-Based Assessment for transportation.

The Senior Sustainability and Energy Coordinator noted the following ongoing transportation projects related to zero-emissions targets:

- fleet assessment for City fleet vehicles to realize opportunities to electrify fleet vehicles;
- supplementing with low carbon and alternative fuels; and
- partnering with the Tri-Cities to develop a mobility plan to supplement work in the MTP shifting towards more sustainable active transportation modes.

The Transportation Engineer left the meeting at this point and did not return.

**Parks Master Plan  
Committee  
Discussion**

4.3 The Senior Sustainability and Energy Coordinator noted the following:

- the Rocky Point Park and Old Orchard Park Parks Master Plan updates are currently undergoing engagement with Civic Committees and the public;
- the presentation and additional information from a recent workshop on the Plans will be circulated to Committee members shortly;
- the Urban Forest Management Strategy and Tree Protection Bylaw are also out for review; and
- information from the Tree Protection Bylaw workshop will be circulated to Committee members shortly.

**Q2 2022 Climate  
Action  
Implementation  
Update**

4.4 Presentation: Laura Sampliner, Senior Sustainability and Energy Coordinator

The Senior Sustainability and Energy Coordinator gave a presentation on Climate Action Plan Implementation Update, and noted the following:

- the second quarter's main focus has been on project management and implementation, monthly updates, budgeting for the year ahead, planning for Phase 2 implementation, and integration of other plans currently underway;
- implementation is currently at 45% complete overall, a 13% progress increase since the last quarter;
- three project disruptions were experienced, largely due to staff capacity issues.

In response to a question from the Committee, the Senior Sustainability and Energy Coordinator noted that Phase 2 was not yet fully funded, but the strategy would be brought forward later in 2022.

## Staff Updates

### 5. Information

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- 5.1 There were no staff updates at this time.

### 6. Adjournment

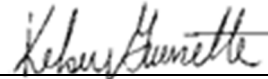
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The Chair adjourned the meeting at 9:00pm.



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Councillor Amy Lubik,  
Chair



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Kelsey Guenette,  
Recording Secretary