

2017

City of Port Moody Climate Action Survey

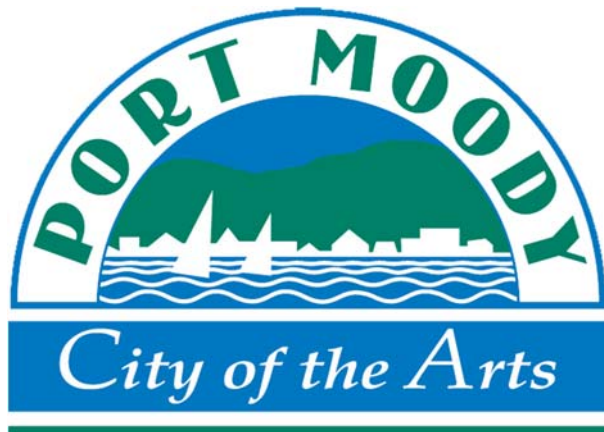
Public Reporting for the Climate
Action Revenue Incentive
Program (CARIP)



Climate Action Revenue Incentive (CARIP)

Public Report for 2017

Local Government: City of Port Moody



Report Submitted by:

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The City of Port Moody has completed the 2017 Climate Action Revenue Incentive Program (CARIP) Public Report as required by the Province of BC. The CARIP report summarizes actions taken in 2017 and proposed for 2018 to reduce corporate and community-wide energy consumption and greenhouse gas emissions (GHG) and reports on progress towards achieving carbon neutrality.

2017 BROAD PLANNING ACTIONS

Broad Planning Actions

Broad Planning refers to high level planning that sets the stage for GHG emissions reductions, including plans such as Official Community Plans, Integrated Community Sustainability Plans, Climate Action Plans or Community Energy Emissions Plans. Land use planning that focuses on Smart Growth principles (compact, complete, connected, centred) plays an especially important role in energy and GHG reduction.

Community-Wide Actions Taken in 2017	
	Continued implementation of the City's OCP.
	Continued work to integrate energy and greenhouse gas emission reduction opportunities into the City's zoning bylaw, with expectation of adoption in 2018.
	Completed transit-oriented development plans for Coronation Park and Moody Centre Transit-Oriented Development Area.
	Adopted a new City Sustainability Report Card for development applications.
	Completed Energy Performance Design Guidelines for Part 3 buildings.
	Initiated work related to the Energy Step Code.
	Adopted a new Master Transportation Plan.
Community-Wide Actions Proposed for 2018	
	Continue to implement the City's OCP.
	Create a Climate Action Committee.
	Create a permanent staff position for a Sustainability and Energy Coordinator.
	Work to develop a strategic framework for Energy Step Code implementation.
	Update the City's Zoning Bylaw to encourage better building energy performance.
	Update the City's Zoning Bylaw to reduce requirements for vehicle parking and include requirements for bike parking.
	Update the City's Zoning Bylaw to include EV charging
	Develop a strategy to increase uptake of the City's Building Energy Performance Design Guidelines.
	Develop a plan to create a new Community Energy and Emissions Plan.

Corporate Actions Taken in 2017	
	Continued implementation of the City's internal corporate carbon inventory system.
	Continued to advance City's carbon management program in accordance with Council adopted Carbon Neutral Principles.
	Continued engagement with internal staff during broad planning opportunities.
	Continued to explore opportunities for future offset actions.
	Continued participation within the BC Hydro Community Energy Management network and Metro Vancouver REAC – Climate Protection Subcommittee.
Corporate Actions Proposed for 2018	
	Continue implementation of the City's internal corporate carbon inventory system.
	Continue to advance City's carbon management program in accordance with Council adopted Carbon Neutral Principles.
	Continue engagement with internal staff during broad planning opportunities.
	Continue to explore opportunities for future offset actions.

	Continue participation within the BC Hydro Community Energy Management network and Metro Vancouver REAC – Climate Protection Subcommittee.
	Develop a plan to create a new Corporate Energy and Emissions Plan.

Broad Planning	
What is (are) your current GHG reduction target(s)?	(Please provide details here) 10% below 2007 levels by 2017
Are you familiar with your community's community energy and emissions inventory (e.g. CEEI or another inventory)?	Yes
What plans, policies or guidelines govern the implementation of climate mitigation in your community? <ul style="list-style-type: none"> • Community Energy and Emissions (CEE) Plan • Community- Wide Climate Action Plan • Integrated Community Sustainability Plan • Official Community Plan (OCP) • Regional Growth Strategy (RGS) • Do not have a plan • Other: 	No No Yes Yes Yes
Does your local government have a corporate GHG reduction plan?	No

2017 BUILDING AND LIGHTING ACTIONS

Building and Lighting Actions

Low-carbon buildings use the minimum amount of energy needed to provide comfort and safety for their inhabitants and tap into renewable energy sources for heating, cooling and power. These buildings can save money, especially when calculated over the long term. This category also includes reductions realized from energy efficient street lights and lights in parks or other public spaces.

Community-Wide Actions Taken in 2017	
	Continued implementation of the City's existing OCP community-wide policies.
	Initiated work related to the adoption of the BC Energy Step Code.
	Completed Energy Performance Design Guidelines for Part 3 buildings.
	Continued implementing sections 932 and 936 of the BC Building Code which is intended to increase energy efficiency of newly constructed single and two family dwellings.
	Continued implementation of the City's Part 3 Building Energy Compliance Checklist.
Community-Wide Actions Proposed for 2018	
	Continue implementation of the City's existing OCP community-wide policies
	Update the City's Zoning Bylaw to encourage better building energy performance (e.g. passive design features, sustainable energy systems etc.) through height, siting and floor area exemptions.
	Continue to update the City's Zoning Bylaw to align with the provincial Energy Step Code legislation.
	Continue work related to the BC Energy Step Code.
	Continue to implement sections 932 and 936 of the BC Building Code which is intended to increase energy efficiency of newly constructed single and two family dwellings.
	Develop a strategy to increase uptake of the City's Building Energy Performance Design Guidelines.
	Develop a plan to create a new Community Energy and Emissions Plan.

Corporate Actions Taken in 2017	
	Continued implementation of the City's existing OCP policies for City-owned buildings.
	Continued to replace existing lighting within City-owned buildings with greater efficiency LED lights.
	Completed a renovation on an old park caretaker house, which included significantly increasing insulation of the house.
	Completed a photovoltaic study to assess the viability of adding photovoltaic panels to the roofs of some City-owned buildings.
Corporate Actions Proposed for 2018	
	Continue implementation of the City's existing OCP policies for City-owned buildings.
	Continue regular conversion to LED lights in appropriate City facilities.
	Complete significant major capital projects on the retrofits of the City's Civic Centre and Recreation Complex. Both retrofits will significantly increase the energy efficiency at the respective buildings. Improvements include air barriers, sealing previously leaking areas, new windows, new roofing, and new siding.
	Continue exploration of utility partnership and rebate options.

Building and Lighting

The Province has committed to taking incremental steps to increase energy-efficiency requirements in the BC Building Code to make buildings net-zero energy ready by 2032. The BC Energy Step Code--a part of the BC Building Code--supports that effort

Is your local government aware of the BC Energy Step Code?	Yes
Is your local government implementing the BC Energy Step Code?	Work is ongoing

2017 ENERGY GENERATION ACTIONS

Energy Generation Actions

A transition to renewable or low-emission energy sources for heating, cooling and power supports large, long-term GHG emissions reductions. Renewable energy including waste heat recovery (e.g. from biogas and biomass), geo-exchange, micro hydroelectric, solar thermal and solar photovoltaic, heat pumps, tidal, wave, and wind energy can be implemented at different scales, e.g. in individual homes, or integrated across neighbourhoods through district energy or co-generation systems.

Community-Wide Actions Taken in 2017	
	Continued implementation with the City's OCP which has policies on renewable energy.
	Continued implementation of "solar ready" regulation.
	Updates proposed to the City's Zoning Bylaw to support renewable energy system infrastructure such as solar panels (e.g. Height, floor area setback exemptions).
	Implemented a new Sustainability Report Card which encourages the use or installation of renewable energy in new development.
Community-Wide Actions Proposed for 2018	
	Future amendments to City's Zoning Bylaw to align with anticipated provincial step code requirements.
	Investigate feasibility of district energy systems for the Moody Centre Transit Oriented Development Area and Coronation Park Plan area.

Corporate Actions Taken in 2017	
	Utilized and regularly maintained the geothermal energy generation infrastructure at the City's Police Station building.
	Completed a study on the feasibility of installing photo-voltaic panels on the Recreation Complex and Civic Centre.
Corporate Actions Proposed for 2018	
	Continue to utilize and regularly maintain the geothermal energy generation infrastructure at the City's Police Station building.

Energy Generation	
Is your local government developing, or constructing: <ul style="list-style-type: none"> • A district energy system • A renewable energy system 	No No
Is your local government operating: <ul style="list-style-type: none"> • A district energy system • A renewable energy system 	No Yes
Is your local government connected to a district energy system that is operated by another energy provider?	No
Are you aware of the Integrated Resource Recovery guidance page on the BC Climate Action Toolkit ?	Yes
Are you familiar with the 2017 " List of Funding Opportunities for Clean Energy Projects Led by First Nations and Local Governments? "	Yes

2017 GREENSPACE/NATURAL RESOURCE PROTECTION ACTIONS

Greenspace Actions

Greenspace/Natural Resource Protection refers to the creation of parks and greenways, boulevards, community forests, urban agriculture, riparian areas, gardens, recreation/school sites, and other green spaces, such as remediated brownfield/contaminated sites as well as the protection of wetlands, waterways and other naturally occurring features.

Community-Wide Actions Taken in 2017	
	Continued implementation of the City's environmental policies, including Environmentally Sensitive Areas (ESA) management policies, Streamside Protection and Enhancement Areas policies, Tree Protection Bylaw and policies, Pesticide Use Control Bylaw, and Stream and Drainage System Protection Bylaw.
	Continued removal and control actions for invasive plants on public lands throughout the City, including for natural green spaces and parks.
	Expanded knotweed action across all City lands, including natural green spaces, parks, boulevards and rights-of-way.
	Increased planting of native species (including drought and cold-tolerant species) in areas where knotweed and invasive plants have been removed.
	Supported removal and control actions for invasive plants on public and private lands, through an update of the Pesticide Use Control Bylaw, networking and public outreach.
	Continued to support engagement actions to enhance public stewardship of natural areas and assets, including invasive plant community volunteer events, resilient gardening seminar.
	Drafted improved streamside protection provisions as part of draft Zoning Bylaw updates.
	Protected at-risk instream and riparian habitat through stream daylighting and acquisition of riparian property to be conveyed to City, as part of the development process.
	Initiated restoration of at-risk riparian habitat on City property by removal of historic structures within streamside protection and enhancement areas.
Community-Wide Actions Proposed for 2018	
	Implement updated streamside protection provisions through adoption of Zoning Bylaw, and begin development of policies and procedures.
	Initiate update of ESA information and policies.
	Continue implementation of the City's environmental policies.
	Expand restoration replanting in natural areas, incorporating drought and cold-tolerant species.
	Continue to support engagement actions to enhance public stewardship of natural areas and assets, including expanding public outreach around Earth Day and City events.
	Improve integration of park planning into the development process for multi-family residential projects.
	Initiate development of Pioneer Park Master Plan.
Corporate Actions Taken in 2017	
	See Community Actions. These Actions also represent Corporate Actions of the City.
Corporate Actions Proposed for 2018	
	See Community Actions. These Actions also represent Corporate Actions of the City.
	Incorporate climate change considerations into updates of internal environmental policies (e.g. Naturescape)

Greenspace	
Does your local government have urban forest policies, plans or programs?	Yes
Does your local government have policies, plans or programs to support local food production?	Yes

2017 SOLID WASTE ACTIONS

Solid Waste Actions

Reducing, reusing, recycling, recovering and managing the disposal of the residual solid waste minimizes environmental impacts and supports sustainable environmental management, greenhouse gas reductions, and improved air and water quality.

Community-Wide Actions Taken in 2017	
	75% of residential waste diverted from the landfill.
	Organised an <i>Annual Centralized Recycling Day</i> that included collection of 1.2 MT of recycling that included packaging, paper, Styrofoam and plastic films and overwrap from close to 200 residents.
	Increased enforcement of <i>Solid Waste Bylaws</i> to achieve compliance and decrease contamination of recyclable materials.
	Continued promotion of the <i>Adopt-A-Street</i> program.
	Continued outreach at numerous public events to promote sustainable and environmental endeavors and initiatives.
	Continued expansion of organics collection to multi-family and commercial sectors.
	Employed <i>Waste Reduction Stations</i> at numerous community events.
	Provided 6 <i>Clean Up Your Act</i> theater performances by DreamRider at Port Moody Schools reaching 1315 students to promote personal responsibility around waste and litter, and general planet protection.
	Enlisted <i>Green Chair Recycling</i> services to provide recycling and waste management for a large event, thereby achieving an 83% waste diversion rate, or the equivalent of 0.68 MT of CO2 emission reduction.
	Diversions of refundable beverage containers through 9 installed <i>Return It</i> stations within public spaces.
	Promoted reuse and recycling of used goods through the <i>City Wide Garage Sale</i> .
	Developed new Wildlife Attractant stickers for carts to convey messaging in combination with increased patrols for carts set out in contravention of the <i>Solid Waste Bylaw</i> .
	Expanded the dog waste collection program at multiple locations within the City.
	Completed <i>Annual Solid Waste and Recycling Report (2017)</i> to showcase, benchmark and foster future diversion successes.
Community-Wide Actions Proposed for 2018	
	Develop new educational social media <i>Recycling Minute</i> cartoons aimed at various demographics.
	Continue actions and programs to achieve high diversion rates at public events; implement <i>Sustainable Special Event Policy</i> to reduce waste at events.
	Continued Bylaw enforcement activities to promote diversion, reduce contamination, and wildlife attraction.

	Continue to provide 6 <i>Keep Cool</i> theater performances by DreamRider at Port Moody Schools, to promote positive actions children can take to reduce emissions and prevent climate change such as walking or biking to school, turning off lights, and building small but effective habits to make a difference.
	Continue diversion of refundable beverage containers through installed <i>Return It</i> stations within public spaces.
	Increase curbside audits of recycling and green carts to ensure and increase success of waste diversion.
	Continue to promote reuse and recycling of used goods through City Wide Garage Sale.
	Plan Annual Centralized Recycling Day to assist with surplus recycling of packaging, paper, Styrofoam and plastic films and overwrap generated from holiday events.

Corporate Actions Taken in 2017	
	Participated in the <i>Regional Disaster Debris Management Operational Plan</i> .
	Implemented a new corporate policy for sustainable special events, with responsible waste management as a focus.
	Participated in several regional initiatives, workshops, and campaigns such as: the <i>Waste In Its Place</i> to promote awareness around illegal dumping; the <i>Cross-Ministry Asbestos Working Group</i> to identify review and report risks and develop strategies to manage the dangers of asbestos; and, wrapped the solid waste truck with the <i>Create Memories Not Garbage</i> campaign art work.
	Installed 3-stream waste infrastructure in all public City facilities.
	Removed garbage bins from office desks to promote staff to walk and sort waste at a centralized areas.
	Complete <i>Annual Solid Waste and Recycling Report (2018)</i> to showcase, benchmark and foster future diversion successes
Corporate Actions Proposed for 2018	
	Purchase a new (more efficient) solid waste packer truck, and update the public waste litter program.
	Continued the tracking of illegal dumping sites and characterization of waste materials.
	Increase efforts to achieve increased recycling diversion goals from 75% to 80%.
	Consult and participate with regional initiatives to reduce and recycle single-use items such as plastic bags, straws, and disposable cups and containers.

Solid Waste	
Does your local government have construction and demolition waste reduction policies, plans or programs?	Yes
Does your local government have organics reduction/diversion policies, plans or programs?	Yes

2017 TRANSPORTATION ACTIONS

Transportation Actions

Transportation actions that increase transportation system efficiency, emphasize the movement of people and goods, and give priority to more efficient modes, e.g. walking, cycling, ridesharing, and public transit, can contribute to reductions in greenhouse gas emissions and more livable communities.

Community -Wide Actions Taken in 2017	
	Endorsement of Master Transportation Plan with targets of reducing average distance driven, and double of mode split target for sustainable modes (walking, cycling and transit).
	Proposed updates to the draft Zoning Bylaw to encourage the provision of bicycle facilities in new developments to promote transportation choice and reduce automobiles use, traffic congestion, and pollution.
	Proposed updates to the draft Zoning Bylaw to consider reducing parking requirements for developments in close proximity to transit nodes to encourage reduced vehicle usage, and for market and below market rental.
	Adoption of a Moody-Centre Transit-Oriented Area Plan.
	Improved traffic signal coordination timing to reduce congestion and corresponding GHG emissions. Adjusted traffic signal crossing times to promote walking and transit (Inlet Centre Area).
	Organised 2017 Car Free Day Event.
	Endorsement of Evergreen Extension Parking Management Plan (reducing parking).
Community-Wide Actions Proposed for 2018	
	Focus on implementation of the recommendations from the City's Master Transportation Plan.
	Continue to improve traffic signal coordination timing to reduce congestion and corresponding GHG emissions. Continue adjustments to traffic signal crossing times to promote walking and transit (Inlet Centre Area).
	Continue to promote and adopt reducing parking requirements embedded within the draft Zoning Bylaw.
	Continue to promote and adopt provision of bicycle facilities in new developments within the draft Zoning Bylaw.
	Continue bus stop accessibility improvements.
	Endorsement of 1% tax increase to fund Master Transportation Plan projects.
	Continue to Promote Bike to Work Week.
	Improve walkability near rapid transit stations.
	Continue to organise and promote Car Free Day.
	Endorsement of Bike Parkade at Moody Centre Rapid Transit Station.
	Construction of improved pedestrian access to Moody Centre Rapid Transit Station.
	Complete construction of the missing section of the bicycle network between Inlet Station and Moody Centre Station.
	Complete paving of Angela and Cecile Drive.

Corporate Actions Taken in 2017	
	Continued promotion and use of the MODO car share program for corporate travel.
	Continued promotion of Bike to Work week.
	Continued use of low-carbon fleet vehicles (e.g. full EVs and hybrid utilities vehicles)
	Continued use and maintenance of City's 6 public electric vehicle charging stations.
Corporate Actions Proposed for 2018	
	Continue promotion and use of the MODO car share program for corporate travel and explore expanding the MODO car share program to include two more vehicles for staff use.
	Continue promotion of Bike to Work week.
	Continue use of low-carbon fleet vehicles (e.g. full EVs and hybrid utilities vehicles), and explore expanding the low-carbon fleet.
	Continue use and maintenance of City's public electric vehicle charging stations.
	Participate in the BC Commuter Challenge.

Transportation	
Does your local government have policies, plans or programs to support: <ul style="list-style-type: none"> • Walking • Cycling • Transit Use • Electric Vehicle Use • Other (please specify) 	Yes Yes Yes Yes N/A
Does your local government have a transportation demand management (TDM) strategy (e.g. to reduce single-vehicle occupancy trips, increase travel options, provide incentives to encourage individuals to modify travel behavior)?	Yes
Does your local government integrate its transportation and land use planning?	Yes

2017 WATER AND WASTEWATER ACTIONS

Water and Wastewater Actions

Managing and reducing water consumption and wastewater is an important aspect of developing a sustainable built environment that supports healthy communities, protects ecological integrity, and reduces greenhouse gas emissions.

Community-Wide Actions Taken in 2017	
	Continued work on the City's Integrated Stormwater Management Plan (focus on the North Shore area).
	Constructed new water mains on Angela and Cecile Drive to improve efficiency and functionality of the water system in that area.
	Introduced Metro Vancouver's Region-wide Baseline for On-site Stormwater Management Guidelines (for use on single-lot residential development) into the City's development review process.
	Continued the City's rain barrel program.
Community-Wide Actions Proposed for 2018	
	Continue work on the City's Integrated Stormwater Management Plan (focus on the North Shore area).
	Continue to work on strategic improvements to the City's water distribution system (water loss management/pressure reduction).
	Continue the City's rain barrel program.
	Continue to enforce Metro Vancouver water restrictions under its Water Shortage Response Plan.
	Continue to advance Metro Vancouver's Region-wide Baseline for On-site Stormwater Management Guidelines throughout applicable development review.

Corporate Actions Taken in 2017	
	Participated in regional Municipal Water Conservation coordinator's meetings.
	Continued to increase the planting of drought tolerant plants to provide extra resiliency for the City's green landscapes to possible drought conditions.
	Continued to harvest non-potable water (e.g., rain water, groundwater, etc.) for City irrigation purposes.
	Continued to implement water conservation pads under the plants as they are planted to reduce the frequency of watering and provide additional resiliency for the plants during drought conditions.
Corporate Actions Proposed for 2018	
	Continue to participate in regional Municipal Water Conservation coordinator's meetings.
	Continue to increase the planting of drought tolerant plants to provide extra resiliency for the City's green landscapes to possible drought conditions.
	Continue to harvest non-potable water (e.g., rain water, groundwater, etc.) for City irrigation purposes.

Water Conservation	
Does your local government have water conservation policies, plans or programs?	Yes

2017 CLIMATE CHANGE ADAPTATION ACTIONS

This section of the CARIP survey is designed to collect information related to the types of climate impacts local governments are experiencing and how they are being addressed.

Please identify the THREE climate impacts that are most relevant to your Local Government.	
<ul style="list-style-type: none"> • Warmer winter temperatures reducing snowpack • Changes to temperature and precipitation causing seasonal drought • Heatwaves impacting population health • Increased temperatures increasing wildfire activity • Increased temperatures affecting air quality • Changing temperatures influencing species migration and ecosystem shifts • Extreme weather events contributing to urban and overland flooding • Sea level rise and storms causing coastal flooding and/or erosion 	

In 2017 has your local government addressed the impacts of a changing climate using any of the following?	
Risk and Vulnerability Assessments	Yes
Risk Reduction Strategies	Yes
Emergency response planning	No
Asset management	Yes
Natural/Eco asset management strategies	Yes
Infrastructure upgrades (e.g. storm water system upgrades)	Yes
Beach Nourishment projects	Yes
Economic diversification initiatives	No
Strategic and financial planning	Yes
Cross-department working groups	Yes
OCP policy changes	Yes
Changes to zoning and other bylaws and regulations	Yes
Incentives for property owner (e.g. reducing storm water run-off)	No
Public education and awareness	Yes
Research	Yes
Mapping	No
Partnerships	Yes

Climate Change Adaptation Actions Taken in 2017	
Please elaborate on key actions and/or partnerships your local government has engaged in to prepare for, and adapt to a changing climate. Add links to key documents and information where appropriate.	
	Increased the planting of cold tolerant plants (rated for colder plant zones) to provide extra resiliency for the City's green landscapes against possible harsh winter conditions.
	Continued to increase the planting of drought tolerant plants to provide extra resiliency for the City's green landscapes against possible harsh winter conditions.
	Continued implementation of OCP, which includes climate change and energy policies.
	Continued participation on the Fraser Basin Council's Joint Flood Management Program Committee.
	Explored opportunities to integrate climate change into new developments.
	Explored opportunities to integrate climate change adaptation into storm management planning and other strategic plans.
	Explored actions to contribute towards the Metro Vancouver Regional Food System Action Plan.
Climate Change Adaptation Actions Proposed for 2018	
	Increase the planting of cold tolerant plants (rated for colder plant zones) to provide extra resiliency for the City's green landscapes against possible harsh winter conditions.
	Continue to increase the planting of drought tolerant plants to provide extra resiliency for the City's green landscapes against possible harsh winter conditions.
	Continue implementation of OCP, which includes climate change and energy policies.
	Continue participation on the Fraser Basin Council's Joint Flood Management Program Committee.
	Explore opportunities to integrate climate change into new developments.
	Explore opportunities to integrate climate change adaptation into storm management planning and other strategic plans.
	Explore actions to contribute towards the Metro Vancouver Regional Food System Action Plan.
	Explore food security challenges and opportunities in Port Moody.
	Update Port Moody's Community Energy and Emissions Plan.
	Create a strategic framework for implementation of the Energy Step Code in Port Moody.
	Update the Zoning Bylaw to reflect provincially established sea level rise estimates.
	Explore partnership and funding opportunities to further climate change adaptation initiatives and increase community resiliency.
For more information please contact:	
	Mary De Paoli Manager of Policy Planning (604) 469-4702 mdepaoli@portmoody.ca

<p>The following are key resources that may be helpful to your local government in identifying climate impacts, as well as, strategies, actions and funding to deal with them. For those resources that you have used, please indicate whether they were useful in advancing your work in climate change adaptation?</p>	
<p>Indicators of Climate Change for British Columbia, 2016 Plan2Adapt Climate Projections for Metro Vancouver Climate Projections for the Capital Region Climate Projections for the Cowichan Valley Regional District Province of BC's BC Adapts Video Series Preparing for Climate Change: An Implementation Guide for Local Governments The Public Infrastructure and Engineering Vulnerability Committee's (PIEVC) protocol Sea Level Rise Primer BC Regional Adaptation Collaborative Webinars www.ReTooling.ca Water Balance Model The Water Conservation Calculator</p> <p>Funding: National Disaster Mitigation Program (NDMP) Community Emergency Preparedness Fund (CEPF) Municipalities for Climate Innovation Program (MCIP) Climate Adaptation Partner Grants (FCM) Infrastructure Planning Grants (MAH) Federal Gas Tax Fund</p>	<p>Useful Useful Useful Haven't Used Haven't Used Useful Useful Haven't Used Useful Useful Haven't Used Haven't Used Haven't Used Haven't Used Useful Useful Useful Useful Useful Useful</p>

2017 OTHER CLIMATE ACTIONS

Other Climate Actions

This section provides local governments the opportunity to report other climate actions that are not captured in the categories above.

Community-Wide Actions Taken in 2017	
	See previously noted actions.
Community-Wide Actions Proposed for 2018	
	See previously noted actions.

Corporate Actions Taken in 2017	
	Established a Climate Action Committee.
Corporate Actions Proposed for 2018	
	Establishing a framework for a Climate Action Plan.

Other	
Are you familiar with the Community Lifecycle Infrastructure Costing Tool (CLIC) ?	Yes
Have you used CLIC?	No

INNOVATION AND PEER-TO-PEER LEARNING

Innovation

This section provides the opportunity to showcase an innovative Corporate and/or Community-Wide GHG reduction and/or climate change adaptation activity that your local government has undertaken and that has had, or has the potential to have, a significant impact. You are welcome to repeat an action that has already been listed.

Projects included here may be featured as success stories on the B.C. Climate Action Toolkit and/or shared with other local governments to inspire further climate action. Please add links to additional information where possible.

Communities that have conducted innovative initiatives may want to consider raising their profile through applications to [CEA's Climate and Energy Action Awards](#), [UBCM Climate and Energy Action Award](#), [FCM Sustainable Communities Awards](#) or through submissions to [FCM's National Measures Report](#).

Community-Wide Action
Adopted Building Energy Performance Design Guidelines.
For more information contact: Planning and Development Department, City of Port Moody
Corporate Action
Created a new Climate Action Committee.
For more information contact: Corporate Services, City of Port Moody

Programs, Partnerships and Funding Opportunities

Local governments often rely on programs, partnerships and funding opportunities to achieve their climate action goals. Please share the names of programs and organizations that have supported your local government's climate actions by listing each entry in the box below.

Mitigation

Programs and Funding
Canada/BC: Clean Water and Wastewater Fund

Adaptation

Programs and Funding
BC Hydro's Sustainable Communities Program

2017 CARBON NEUTRAL REPORTING

Local governments are required to report on their progress in achieving their carbon neutral goal under the Climate Action Charter. Working with B.C. local governments, the joint Provincial-UBCM Green Communities Committee (GCC) has established a common approach to determining carbon neutrality for the purposes of the Climate Action Charter, including a Carbon Neutral Framework and supporting guidance for local governments on how to become carbon neutral.

Prior to completing this portion of the survey, please ensure that you are familiar with guidance available on the B.C. Climate Action Toolkit website, especially the [Becoming Carbon Neutral: A Guide for Local Governments in British Columbia](#).

Please note: As a result of the BC Recycling Regulation, local governments are no longer required to account for greenhouse gas (GHG) emissions from vehicles, equipment and machinery required for the collection, transportation and diversion of packaging and printed paper, in their annual Climate Action Revenue Incentive Program (CARIP) reports.

Reporting Emissions

Did you measure your local government's corporate GHG emissions in 2017?	Yes
If your local government measured 2017 corporate GHG emissions, please report the number of corporate GHG emissions (in tonnes of carbon dioxide equivalent) from services delivered <u>directly</u> by your local government:	1617.34 tCO₂e
If your local government measured 2017 corporate GHG emissions, please report the number of corporate GHG emissions (in tonnes of carbon dioxide equivalent) from <u>contracted</u> services:	93.30 tCO₂e
TOTAL A: CORPORATE GHG EMISSIONS FOR 2017	1710.64 tCO₂e

Reporting Reductions and Offsets

To be carbon neutral, a local government must balance their TOTAL corporate GHG emissions generated in 2017 by one or a combination of the following actions:

- undertake GCC-supported Option 1 Project(s)
- undertake GCC-supported Option 2 Project(s)
- purchase carbon offsets from a credible offset provider

If applicable, please report the 2017 GHG emissions reductions (in tonnes of carbon dioxide equivalent (tCO₂e)) being claimed from Option 1 GHG Reduction Projects:

OPTION 1 PROJECTS	REDUCTIONS
Household Organic Waste Composting	426 tCO ₂ e
TOTAL B: REDUCTIONS FROM OPTION 1 PROJECTS FOR 2017	426 tCO₂e

TOTAL REDUCTIONS AND OFFSETS FOR 2017 (Total B+C+D) = 426 tCO₂e

Corporate GHG Emissions Balance for 2017

Your local government's Corporate GHG Emissions Balance is the difference between total corporate GHG emissions (direct + contracted emissions) and the GHG emissions reduced through GCC Option 1 and Option 2 projects and/or the purchase of offsets.

CORPORATE GHG EMISSIONS BALANCE FOR 2017 = 1284.64 tCO₂e

**If your Corporate GHG Emissions Balance is negative or zero,
your local government is carbon neutral.
CONGRATULATIONS!**

If applicable, please record any emissions reductions you will be carrying over for future years and the source of the emissions reductions, including the year they were earned (E.g., Organics diversion, 2016 100 tCO₂e).

SOURCE OF CARRY OVER EMISSION REDUCTIONS (and year earned)	REDUCTIONS
BALANCE OF REDUCTIONS ELIGIBLE FOR CARRY OVER TO NEXT YEAR	0 tCO₂e

Carbon Neutral Reporting	
Does your local government have a climate reserve fund or something similar?	Yes

GCC CLIMATE ACTION RECOGNITION PROGRAM

Green Communities Committee (GCC) Climate Action Recognition Program

The joint Provincial-UBCM Green Communities Committee (GCC) is pleased to be continuing the Climate Action Recognition Program again this year. This multi-level program provides the GCC with an opportunity to review and publicly recognize the progress and achievements of each Climate Action Charter (Charter) signatory.

Recognition is provided on an annual basis to local governments who demonstrate progress on their Charter commitments, according to the following:

Level 1 – Demonstrating Progress on Charter Commitments: for local governments who demonstrate progress on fulfilling one or more of their Charter commitments

Level 2 – Measuring GHG Emissions: for local governments that achieve level 1, and who have measured their Corporate GHG Emissions for the reporting year and demonstrate that they are familiar with their community’s energy and emissions inventory (i.e. CEEI)

Level 3 – Accelerating Progress on Charter Commitments: for those local governments who have achieved level 1 and 2 and have demonstrated undertaking significant action (corporately or community wide) to reduce GHG emissions in the reporting year (i.e: through undertaking a GHG reduction project, purchasing offsets, establishing a reserve fund).

Level 4 - Achievement of Carbon Neutrality: for local governments who achieve carbon neutrality in the reporting year.

For purposes of Level 3 recognition, if applicable, please identify any new or ongoing corporate or community wide GHG reduction projects (other than an Option 1 or Option 2 project) undertaken by your local government that reflects a significant investment of time or financial resources and is intended to result in significant GHG reductions:

PROJECT NAME:
Moody Centre Transit-Oriented Development Plan Coronation Park Neighbourhood Plan (TOD Plan) Master Transportation Plan implementation (with significant mode shift targets) Building Energy Performance Guidelines Sustainability Report Card Solid waste reduction and diversion program New Climate Action Committee

Based on your local government's 2017 CARIP Climate Action/Carbon Neutral Progress Survey, please check the GCC Climate Action Recognition Program level that best applies:

<input type="checkbox"/>	Level 1 – Demonstrating Progress on Charter Commitments	
<input type="checkbox"/>	Level 2 – Measuring GHG Emissions	
<input checked="" type="checkbox"/>	Level 3 – Accelerating Progress on Charter Commitments	
<input type="checkbox"/>	Level 4 - Achievement of Carbon Neutrality	
<input type="checkbox"/>	Not Sure	

Appendix D: Sample Contracted Emissions Template

Reporting Year:

This form is also available online at <http://www.toolkit.bc.ca/carbon-neutral-government>. Local governments may choose alternate formats to the templates provided; however the substance must be the same as those provided in the sample templates.

Local Government Information			
Name of local government	City of Port Moody		
Designate Appointed to Sign Off on Estimation Template	Provide the name, phone and e-mail of the Project Designate duly authorized and having the legal capacity to sign off on this Template (e.g., CAO, CFO) Jennifer Velthuijzen Name Acting General Manager, Finance and Technology Department Title 604-469-4670 Phone JVelthuijzen@portmoody.ca Email		
Estimation Methodology Information			
Rationale for Applying an Estimation Methodology	Describe why an estimation methodology is being used rather than reporting actual emissions data as provided by the contractor Estimation methodology is used for some contractors due to limited access to actual fuel consumption information.		
Contracted Emissions			
For each contract, indicate (1) the name and value of the contract (2) the estimation methodology option(s) used, and (3) the estimated annual emissions associated with each contract, organized by traditional service area. Estimation Methodologies Option 1: Ask Your Contractor for an Estimate Option 2: Proxy Fuel Consumption Value Based on a Sample of Contracts Option 3: Vehicle/Equipment Type and Hours or Kilometers of Usage			
Drinking, Storm and Wastewater	CONTRACT NAME	ESTIMATION OPTION USED	ESTIMATED ANNUAL GHGS
	N/A	N/A	N/A

	TOTAL ANNUAL CONTRACTED EMISSIONS FOR TRADITIONAL SERVICE AREA		N/A
Solid Waste Collection, Transportation and Diversion	CONTRACT NAME	ESTIMATION OPTION USED	ESTIMATED ANNUAL GHGS
	Harvest Fraser Richmond Organics	Option 1	2.13
	Waste Connections of Canada	Option 1	4.30
	Hughes Trucking Ltd	Option 1	15.91
	TOTAL ANNUAL CONTRACTED EMISSIONS FOR TRADITIONAL SERVICE AREA		22.33
Roads and Traffic Operations	CONTRACT NAME	ESTIMATION OPTION USED	ESTIMATED ANNUAL GHGS
	Blackrete Paving Ltd.	Option 1	7.14
	Cobra Electric	Option 1	1.92
	*Mainland Construction Materials	Option 1	0.5
	Mainroad Lower Mainland Contracting	Option 1	10.18
	Scottish Line Painting	Option 1	2.34
	Standard Electric BC Ltd	Option 1	7.52
	(*used previous year's fuel estimate)		
	TOTAL ANNUAL CONTRACTED EMISSIONS FOR TRADITIONAL SERVICE AREA		29.60
Arts, Recreation and Cultural Services	CONTRACT NAME	ESTIMATION OPTION USED	ESTIMATED ANNUAL GHGS
	Treeko Contracting Ltd	Option 1	11.07
	Tree-Mendous Arb Care	Option 1	29.03
	TOTAL ANNUAL CONTRACTED EMISSIONS FOR TRADITIONAL SERVICE AREA		40.1
Fire Protection	CONTRACT NAME	ESTIMATION OPTION USED	ESTIMATED ANNUAL GHGS
	A.W. Fireguard Supplies (1991) Ltd	Option 1	1.24
	TOTAL ANNUAL CONTRACTED EMISSIONS FOR TRADITIONAL SERVICE AREA		1.24
Estimated Contracted Emissions: Authorization and Sign Off			
The information provided in this Contracted Emissions template is to the best of my knowledge correct and complete.			

A handwritten signature in blue ink, appearing to read "J. Kulligzi", is written over a light blue rectangular background.

Designate Signature

Acting General Manager, Finance and Technology Department

Title

June 1, 2018

Date