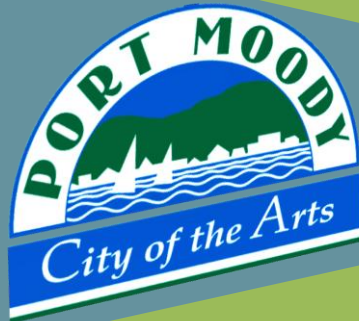
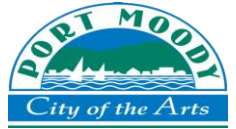


City of Port Moody Climate Action Survey

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



2014



Climate Action Survey 2014

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

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Part 1: Interim Public Reporting for the Climate Action Revenue Incentive Program (CARIP)



BROAD PLANNING

Broad Planning refers to the high level, strategic planning that sets the stage for GHG reductions. Land use planning that focuses on Smart Growth principles (compact, complete, connected and centred) plays an especially important role in energy and GHG reduction. Plans that relate to a certain sector should be included in that sector (e.g. transportation plans should be reported in the 'Transportation sector'). In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

	Response
Since initially establishing OCP targets, policies, and actions for the reduction of greenhouse gas (GHG) emissions, as required by the Local Government Act, has your local government updated those targets, policies and actions?	Yes

Variable	Response
Does your local government use the Community Energy and Emissions Inventory (CEEI) to measure progress?	Yes
Has your local government established Development Permit Areas (DPAs) for climate action (i.e. energy conservation, water conservation and/or GHG emission reduction)?	No

CORPORATE - Broad Planning

	Actions taken in 2014	Actions proposed for 2015
Feasibility Studies, Research, Analysis	The City undertook assessments to identify opportunities for improvements to corporate energy use.	Continue actions taken in 2014.
Plans, Policies, Regulations	Developed preliminary internal corporate carbon inventory system for tracking corporate emissions.	
Policy Implementation	Continued to advance City’s carbon management program in accordance with Council-adopted Carbon Neutral Principles.	Continue actions taken in 2014.
Employee Training, Awareness	Continued engagement with internal staff during broad planning opportunities (e.g., facilities upgrades, etc.)	Continue actions taken in 2014.



Committees, Staffing	Continued to employ a Sustainability and Energy Specialist in partnership with BC Hydro. Participated in REAC-CPS, a regional committee tasked with advancing climate protection initiatives, including carbon neutral efforts in local governments.	Continue actions taken in 2014.
Funding	Continued use of departmental funding and utility partnerships and rebates.	Continue actions taken in 2014.

COMMUNITY-WIDE - Broad Planning

	Actions taken in 2014	Actions proposed for 2015
Feasibility Studies, Research, Analysis	Prepared a draft Energy Foundations report which provides a summary of where the City of Port Moody is at with respect to community energy policies.	Finalize Energy Foundations report. Explore opportunities for integrating energy and greenhouse gas emission reductions into City’s Zoning Bylaw. Continue to research and analyze innovative policy directions as opportunity arises.
Plans, Policies, Regulations	City’s OCP, with updated energy and climate change policies, was adopted.	Review City’s Sustainability Checklist to identify opportunities to further advance energy use and greenhouse gas emission reductions through specific development applications.
Policy Implementation	Implemented City’s OCP.	Continue to implement the City’s OCP.
Community Education, Engagement	Through consultations on broader policies (e.g., OCP), the City engaged the overall community on sustainable development (including energy and GHG reductions). Conducted presentations to Council and City’s Environmental Protection Committee. Delivered awareness campaigns, using conventional and social media as opportunities arose (e.g., Earth hour, Power Smart month, LiveSmart Business	Continue to increase awareness as community engagement opportunities arise.



Committees, Staffing	Energy Advisory program, etc.).	
	Continued to employ a Sustainability and Energy Specialist in partnership with BC Hydro . Participated in REAC-CPS.	Continue actions taken in 2014

BUILDINGS

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 viewed over the long term. In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Variable	Response
Does your local government have green building/construction policies, plans or programs?	Yes

CORPORATE – Buildings

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Implemented a major project to retrofit lighting in the City’s recreation center arena. In addition, installed a reflective low-emissivity ceiling in the arena. These two partnerships were conducted in partnership with BC Hydro. Initiated a building envelope improvement project at West Hill facility.	Complete building envelope project. Continue conversion to LED lights in appropriate City facilities. Continue to maintain existing civic green roofs. Undertake Direct Digital Control upgrade at City Hall.
Feasibility Studies,	Lighting assessment completed at the recreation center.	Continue to undertake lighting assessments.



Research, Analysis		
Plans, Policies, Regulations		Continue to encourage high performance building retrofits and design. Explore the development of a corporate Green Building Policy.
Employee Training, Awareness	Targeted meetings.	Continue actions taken in 2014.
Funding	Continued use of departmental funding and utility partnerships and rebates.	Continue actions taken in 2014.

COMMUNITY-WIDE – Buildings

	Actions taken in 2014	Actions proposed for 2015
Plans, Policies, Regulations	City’s OCP, with transit-oriented development and other sustainable building policies, adopted.	Explore opportunities to update the City’s Sustainability Checklist.
Policy Implementation	Continued implementation of the City’s OCP Continued implementation of the City’s Sustainability Checklist.	Continue implementation of City’s existing policies. Explore development and implementation of tools to assist with compliance to Part 10 (energy sections) of the BC Building Code.

ENERGY GENERATION

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. In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab



above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Variable	Response
Has your local government undertaken district energy projects in 2014?	No
Has your local government undertaken renewable energy projects 2014?	No
Are you aware of the integrated resource recovery (IRR) guidance page on the BC Climate Action Toolkit? (http://www.toolkit.bc.ca/tool/integrated-resource-recovery-irr)	Yes

COMMUNITY-WIDE – Energy Generation

	Actions taken in 2014	Actions proposed for 2015
Plans, Policies, Regulations	City’s OCP, with renewable energy policies, adopted.	
Policy Implementation	Continued implementation of “solar ready” regulation.	Continue actions taken in 2014.

GREENSPACE

Greenspace refers to parks and greenways, boulevards, community forests, urban agriculture, riparian areas, gardens, recreation/school sites, and other green spaces, such as remediated brownfield/contaminated sites. Greenspaces support climate change mitigation (reducing emissions by absorbing and sequestering GHG) and adaptation (providing shade, cooling, deflecting strong wind, and improving air quality). In the appropriate boxes below, please record all community-wide actions taken in 2014 and proposed for 2015 (Note: the 'Greenspace' sector only has a community-wide actions section). Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.



Variable

Response

Does your local government have urban forest policies, plans or programs?

Yes

COMMUNITY-WIDE – Greenspace

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	The City acquired green space in accordance with its Environmentally Sensitive Areas management policies.	Continue actions taken in 2014.
Feasibility Studies, Research, Analysis	Initiated the development of an Invasive Plant Inventory on City lands.	Complete Invasive Plant Inventory.
Plans, Policies, Regulations	Initiated an update to the City’s Master Parks and Recreation Plan. Developed updates to the City’s Tree Protection Bylaw. Developed updates to the City’s Tree Management on City Lands Policy.	Complete the City’s Master Parks and Recreation Plan. Seek Council adoption on updates to the City’s Tree Protection Bylaw. Seek Council adoption on updates to the Tree Policy.
Policy Implementation	Continued implementation of the City’s: <ul style="list-style-type: none"> • Environmentally Sensitive Areas management policies; • Streamside Protection and Enhancement Areas policies; • Tree Bylaw and Policy, • Pesticide Use Control Bylaw, and • Naturescape Policy. 	Continue actions taken in 2014.
Community Education, Engagement	Supported the rebuilding of the Mossom Creek Hatchery which was destroyed in by a fire in 2013. Advanced and/or supported various community engagement initiatives, including tree planting, shoreline clean-up events and community-based invasive species removal. Continued to support City’s environmental	Continue actions taken in 2014.



	<p>stewardship groups, including participating in Port Moody's fingerling festival hosted by Port Moody's Ecological Society.</p> <p>The City delivered the Bear Aware program, Port Moody Naturally event, and participated in the Fingerling Festival. The City initiated and participated in tree planting, shoreline clean-up, and invasive species removal initiatives.</p>	
Committees, Staffing	City's Environmental Protection Committee provided ongoing advice.	Continue actions taken in 2014.

SOLID WASTE

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. In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Variable	Response
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

CORPORATE - Solid Waste

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Introduced soft plastic recycling stations at City facilities.	Introduce dedicated glass recycling receptacle.
Feasibility Studies, Research, Analysis	Completed corporate waste audit.	Review audit results and identify any recommended next steps.



Plans, Policies, Regulations	Existing policies encouraged corporate waste reduction and waste separation.	Continue actions taken in 2014.
Policy Implementation	Continued to service solid waste diversion receptacles at City facilities.	Continue actions taken in 2014.
Employee Training, Awareness		Explore opportunities to include a stronger employee education and awareness component in program delivery.
Committees, Staffing	City's Environmental Protection Committee provided ongoing advice.	Continue actions taken in 2014.

COMMUNITY-WIDE - Solid Waste

	Actions taken in 2014	Actions proposed for 2015
Feasibility Studies, Research, Analysis	The City completed a community waste audit and participated in waste composition study with regional government.	Review audit and waste composition study results and identify any recommended next steps.
Plans, Policies, Regulations	City began working with Multi-Material BC to deliver residential recycling program. City developed a plan and program to implement glass curbside recycling service.	
Policy Implementation	City continued its work towards exceeding its original goal of 70% waste diversion by 2015. City continued to deploy waste reduction and diversion stations at civic events and community events held within City parks.	Continue actions taken in 2014. Implement City's glass curbside recycling service.
Community Education, Engagement	Updated City's website to provide information about Multi-Material BC and to provide a showcase of City's Waste Management success. Hosted a waste reduction event for local businesses which included providing opportunities for preparing for the regional organics ban. Continued to promote waste reduction, reuse, and recycling practices at City and community events held within City parks (e.g., Fingerling Festival, Public Works Day). Supported the delivery of waste reduction, reuse,	Continue actions taken in 2014.



Committees, Staffing	and recycling practices in Port Moody schools through Dreamrider plays.	
	City's Environmental Protection Committee provided ongoing advice.	Continue actions taken in 2014.

TRANSPORTATION

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. In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Variable	Response
Does your local government have policies, plans or programs to support alternative modes and technologies of transportation (e.g. walking, cycling, transit, electric vehicles)	Yes
Does your local government have a transportation demand management (TDM) strategy? (http://www.toolkit.bc.ca/resource/transportation-demand-management-small-and-mid-sized-communities-toolkit)	Yes
Does your local government have policies, plans or programs to support local food production (thus reducing transportation emissions)?	No

CORPORATE – Transportation

	Actions taken in 2014	Actions proposed for 2015
Plans, Policies, Regulations	Initiated a Corporate Fleet Review.	Complete Corporate Fleet Review.
Policy Implementation	Explored and implemented a car sharing program (Modo) for corporate use. Continued to utilize and maintain the City's electric fleet and charging stations.	Continue actions taken in 2014.
Employee Training, Awareness	Promoted Bike to Work Week. Raised awareness of car sharing opportunities for City work.	Continue actions taken in 2014.



Committees, Staffing	Transportation Committee provided advice.	Continue actions taken in 2014.
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COMMUNITY-WIDE – Transportation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	The City constructed numerous accessibility improvements, several bike lanes and pavement upgrades to support non-automobile travel and traffic flow efficiency in the City.	Continue to implement transportation initiatives to support non-automobile travel and traffic flow efficiency.
Feasibility Studies, Research, Analysis		Undertake feasibility studies for installing additional bike lanes and electric vehicle charging stations. Explore additional ways to encourage transit-friendly access and the provision of bicycle facilities.
Plans, Policies, Regulations	Initiated a Master Transportation Plan. City’s OCP, with updated transit-orientated development and transportation polices, adopted. The City participated in TransLink's North East Sector Area Transit Plan and Regional Transportation Strategy.	Publically support a “YES” vote for the 2015 Transportation & Transit plebiscite. Continue to develop the Master Transportation Plan and participate in regional transportation initiatives.
Policy Implementation	Continued to implement the City’s OCP transportation policies.	Continue actions taken in 2014.
Community Education, Engagement	The City supported Bike to Work Week.	Continue actions taken in 2014.
Committees, Staffing	Transportation Committee provides ongoing advice.	Continue actions taken in 2014.



WATER and WASTEWATER

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. In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Variable	Response
Does your local government have water conservation policies, plans or programs?	Yes

CORPORATE - Water and Wastewater

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Monitored and maintained water efficient fixtures in the Fire Hall and recreation center.	Continue to explore opportunities to install water efficient fixtures at all appropriate civic spaces and facilities. Continue rainwater harvesting and water reuse in the Fire Hall.
Policy Implementation	Implemented OCP initiatives pertaining to water conservation.	Continue to implement OCP initiatives pertaining to water conservation. The City will continue to use the City's Sustainability Checklist to promote water conservation, while exploring opportunities to update relevant sections.
Committees, Staffing	Staff participated in regional Municipal Water Conservation Coordinators' meetings. Environmental Protection Committee provided ongoing advice.	Continue actions taken in 2014.



COMMUNITY-WIDE - Water and Wastewater

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Undertook maintenance of existing infrastructure to reduce system losses.	Continue actions taken in 2014.
Feasibility Studies, Research, Analysis	Conducted several acoustic leak detection operations.	Continue actions taken in 2014.
Plans, Policies, Regulations	Enforced BC Building Code which requires water efficient plumbing fixtures. Implemented regional sprinkler regulations.	Continue actions taken in 2014.
Policy Implementation	Continued to implement City's water-wise initiatives, including the City's rain barrel program. Continued implementation of the Sustainability Checklist which includes metrics for water conservation.	Continue actions taken in 2014.
Community Education, Engagement	Promoted water conservation education at community events including the Fingerling Festival and Public Works Day. Supported Dreamrider school plays that promote water conservation.	Continue actions taken in 2014.
Committees, Staffing	Environment Protection Committee provided ongoing advice.	Continue actions taken in 2014.



OTHER CLIMATE ACTIONS

This section is intended to give local governments a chance to record other climate actions that could not be captured in the above sectors, including climate change adaptation actions and air quality actions. In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Variable	Response
Has your local government begun to integrate the impacts of a changing climate (adaptation) into its planning and operations?	Yes
Are you aware of the climate change adaptation guidance page on the BC Climate Action Toolkit? (http://www.toolkit.bc.ca/adaptation-challenges-and-opportunities)	Yes

CORPORATE - Other Climate Action

	Actions taken in 2014	Actions proposed for 2015
Plans, Policies, Regulations	Updated OCP, with specific policies pertaining to climate change adaptation, adopted.	

COMMUNITY-WIDE - Other Climate Action

	Actions taken in 2014	Actions proposed for 2015
Plans, Policies, Regulations	Updated OCP, with specific policies on climate change adaptation, adopted.	

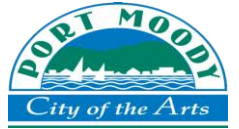


LOCAL GOVERNMENT INFORMATION

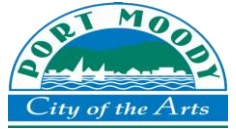
Variable	Response
LOCAL GOVERNMENT INFORMATION Name of Local Government	Port Moody, City of
LOCAL GOVERNMENT INFORMATION Name of member Regional District (RD)	Greater Vancouver (Metro)
LOCAL GOVERNMENT INFORMATION Regional Growth Strategy (RGS) in your region	Yes
LOCAL GOVERNMENT INFORMATION Population	10,000-49,999

Submitted by:

Variable	Response
Submitted by: Name	Margot Davis
Submitted by: Position	Sustainability Manager
Submitted by: Email	mdavis@portmoody.ca
Submitted by: Telephone # (ten digit)	604-469-4510



Part 2: Final Public Reporting for the Climate Action Revenue Incentive Program (CARIP)



MEASURING CORPORATE GHG EMISSIONS

Q1. Did you measure your local government's corporate GHG emissions in 2014?

Yes

REPORTING CORPORATE GHG EMISSIONS AND REDUCTIONS

Reporting Emissions

Q2. What were your local government's 2014 corporate GHG emissions from services delivered directly by your local government?

1514 (in tonnes of carbon dioxide-equivalent, tCO2e)

Q3. What were your local government's 2014 corporate GHG emissions from contracted services?

206 (in tonnes of carbon dioxide-equivalent, tCO2e)

Total Corporate GHG Emissions for 2014 = 1720.0 tCO2e

Reporting Reductions and Offsets

To be carbon neutral, a local government must balance their TOTAL corporate GHG emissions by undertaking Option 1 (GCC-supported) or Option 2 (alternative) community GHG emissions reduction projects that meet project eligibility requirements; and/or purchase carbon offsets from a credible offset provider.

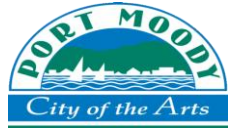
Q4. If applicable, please report the 2014 GHG emissions reductions being claimed from Option 1 GHG Reduction Projects.

Energy Efficient Building Retrofits

N/A

Solar Thermal

N/A



Household Organic Waste Composting

727

Low Emission Vehicles

N/A

Avoided Forest Conversion

N/A

Reductions from Option 1 Projects = 727.0 tCO₂e

Q5. If applicable, please list the names of and report the 2014 GHG emissions reductions being claimed from Option 2 GHG Reduction Projects.

Option 2 Project Name	GHG Emissions Reduced
Vancouver Landfill Gas Optimization Project	993
(No response)	(No response)
(No response)	(No response)

Reductions from Option 2 Projects = 993.0 tCO₂e

Q6. If applicable, please report the number of offsets you purchased from an offset provider for the 2014 reporting year.

N/A

Q7. If you have purchased offsets, please identify the name of your offset provider.

N/A

Total Reductions from Projects and Offsets for 2014 = 1720 tCO₂e

Corporate GHG Emissions Balance for 2014 = 0.0

Q8. If you did not achieve carbon neutrality in 2014, did you undertake any of the following commonly reported corporate GHG reduction activities?

N/A

Q9. If you did not achieve carbon neutrality in 2014, please identify up to three key actions for 2015 that will help you make progress towards becoming carbon neutral.

N/A

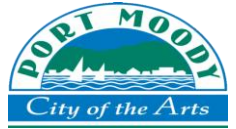
Q10. Are you familiar with the Community Energy and Emissions Inventory (CEEI)?

Yes

GREEN COMMUNITIES COMMITTEE (GCC) CLIMATE ACTION RECOGNITION PROGRAM

Q11. Based on your local government's 2014 CARIP Public Report, please check the GCC Climate Action Recognition Program level that best applies:

Level 3 - Achievement of Carbon Neutrality



LOCAL GOVERNMENT INFORMATION

Variable	Response
LOCAL GOVERNMENT INFORMATION Name of Local Government	Port Moody, City of
LOCAL GOVERNMENT INFORMATION Name of member Regional District (RD)	Greater Vancouver (Metro)
LOCAL GOVERNMENT INFORMATION Regional Growth Strategy (RGS) in your region	Yes
LOCAL GOVERNMENT INFORMATION Population	10,000-49,999

Submitted by:

Variable	Response
Submitted by: Name	Margot Davis
Submitted by: Position	Sustainability Manager
Submitted by: Email	mdavis@portmoody.ca
Submitted by: Telephone # (ten digit)	604-469-4510