

Survey Template

For the *2017 CARIP Climate Action/Carbon Neutral Progress Survey*

Local governments are required to submit the *2017 CARIP Climate Action/Carbon Neutral Progress Survey* on or before June 1, 2018.

Use Template to Collect Information

In response to local government input, this Survey Template has been created to assist with collecting information for the *2017 CARIP Climate Action/Carbon Neutral Progress Survey*, and follows the same structure as the survey.

Responses entered into this Template can be cut and pasted into the online survey. The survey asks for up to five actions in each category, and there is a place in the survey to report additional actions if desired. In this Template, simply add more lines to the tables to report more than five actions.

Use Template to Assist with Reporting

Local governments are also required to publicly report the information submitted in the *2017 CARIP Climate Action/Carbon Neutral Progress Survey*. There is no ability for survey respondents to generate a report of survey responses, in turn:

- A PDF copy of your survey responses will be sent to you once your completed survey has been submitted.
- Given that it is challenging to edit the PDF document, you are encouraged to use your populated version of this Template, or your own, to report your CARIP results publicly.
- You may also choose to create a report in another format that contains the information submitted in the *2017 CARIP Climate Action/Carbon Neutral Progress Survey*.

Further information on CARIP can be found on the [Ministry of Municipal Affairs and Housing website](#).

The Government of BC will not collect, use, or disclose personal information using SurveyMonkey®. Please be aware however that IP addresses are collected by SurveyMonkey® itself, and these IP addresses and other information collected will be stored on SurveyMonkey®'s servers located outside of Canada. Please do not provide any third-party information (i.e. refer to others) in your responses to the survey.

Climate Action Revenue Incentive (CARIP) Public Report for 2017

Local Government:
City of Pitt Meadows



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The City of Pitt Meadows 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 Infill Housing Policy review and other bylaw & policy review from a sustainability perspective
	Secondary housing within the ALR review which resulted in establishing a maximum allowable building footprint
	Continued planning to create a Rapid Bus Connection to Evergreen Line
	Building Bylaw review to integrate with Province's new Building Act
	Implementation of new Cartegraph Asset Management System (better tracking to monitor energy efficiency & opportunities)
Community-Wide Actions Proposed for 2018	
	Official Community Plan review
	Advisory Design Panel Terms of Reference
	Continued increase in bike lanes and trails
	Infill Housing Policy Review continuation and implementation
	Environmental Inventory and Management Strategy

Corporate Actions Taken in 2017	
	Phase II implementation of Municipal Billing System providing paperless, increased efficiencies & online access to services
	Continued Evaluation of Greenhouse Gas Emission Reduction Projects
	Review City's procurement process and integrate new language in Request for Proposals to support reduced GHG emissions and support more robust sustainability and environmental protection / enhancement initiatives
	Continued consideration for energy savings initiatives with expanding City services (building renovations, purchases, etc.) and continued zero/minimize waste initiatives to reduce carbon footprint with waste management, organics diversion and recycling
	Implementation of new Cartegraph Asset Management System (better tracking to monitor energy efficiency & opportunities)
Corporate Actions Proposed for 2018	
	Implement Zero Waste Campaign
	Continued Energy Conservation Initiatives
	Continued consideration for energy savings initiatives with expanding City services (building renovations, purchases, etc.)

	Phase III implementation of Municipal Billing System providing paperless, increased efficiencies & online access to services
	Development Application internal process review to increase efficiencies and support sustainability initiatives

Broad Planning		
What is (are) your current GHG reduction target(s)?	32% target reduction (of 441 tCO2e) from 2008 emissions of 1,110 tCO2e; current reduction at 111 tCO2e for 2017	
Are you familiar with your community's community energy and emissions inventory (e.g. CEEI or another inventory)?		<u>Yes/No</u>
What plans, policies or guidelines govern the implementation of climate mitigation in your community?		
• Community Energy and Emissions (CEE) Plan		<u>Yes/No</u>
• Community- Wide Climate Action Plan		<u>Yes/No</u>
• Integrated Community Sustainability Plan		<u>Yes/No</u>
• Official Community Plan (OCP)		<u>Yes/No</u>
• Regional Growth Strategy (RGS)		<u>Yes/No</u>
• Do not have a plan		n/a
• Other: n/a		<u>n/a</u>
Does your local government have a corporate GHG reduction plan?		<u>Yes/No</u>

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	
	Continue exploring options to support energy saving initiatives
	Continue conversion of streetlights to LED bulbs where possible
	Continue zero/Minimize Waste and Energy Savings initiatives and public outreach
	Evaluation of Greenhouse Gas Emission Reduction Projects
Community-Wide Actions Proposed for 2018	
	Launch Zero Waste Campaign
	Continue exploring options to support energy saving initiatives
	Continue conversion of streetlights to LED bulbs where possible
	Continued Evaluation of Greenhouse Gas Emission Reduction Projects

Corporate Actions Taken in 2017	
	Continue exploring options to support energy saving initiatives
	Continue conversion of lights to LED bulbs
	Zero/Minimize Waste and Energy Savings initiatives and public outreach
	Facilities Condition Assessment
	Continued Evaluation of Greenhouse Gas Emission Reduction Projects
Corporate Actions Proposed for 2018	
	Continue exploring options to support energy saving initiatives
	Continue conversion of lights to LED bulbs
	Launch Zero Waste Campaign
	Continued Facilities Condition Assessment
	Prepare Facilities Strategic Plan

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 Cost?	<u>Yes/No</u>
Is your local government implementing the BC Energy Step Code?	<u>Yes/No</u>

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	
	Continue exploring options to support energy saving initiatives
	Continue conversion of streetlights to LED bulbs where possible
	Continue zero/Minimize Waste and Energy Savings initiatives and public outreach
	Evaluation of Greenhouse Gas Emission Reduction Projects
Community-Wide Actions Proposed for 2018	
	Launch Zero Waste Campaign

	Continue exploring options to support energy saving initiatives
	Continue conversion of streetlights to LED bulbs where possible
	Continued Evaluation of Greenhouse Gas Emission Reduction Projects

Corporate Actions Taken in 2017	
	Continue exploring options to support energy saving initiatives
	Continue conversion of lights to LED bulbs
	Zero/Minimize Waste and Energy Savings initiatives and public outreach
	Facilities Condition Assessment
	Evaluation of Greenhouse Gas Emission Reduction Projects
Corporate Actions Proposed for 2018	
	Continued Evaluation of Greenhouse Gas Emission Reduction Projects
	Continue conversion of lights to LED bulbs & exploring options to support energy saving initiatives
	Launch Zero Waste Campaign
	Continued Facilities Condition Assessment
	Prepare Facilities Strategic Plan

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

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 Evaluation of Greenhouse Gas Emission Reduction Projects
	Official Community Plan review
	Continued bylaw and policy reviews
	Supporting community stewardship initiatives - Katzie First Nations' <i>Katzie Slough Spring Reclamation Project</i>
	Supporting community stewardship initiatives - Watershed Watch Salmon Society's <i>Farmer to Farmer Forum</i> promoting the <i>Farmland Advantage Program</i>
Community-Wide Actions Proposed for 2018	
	Environmental Inventory and Management Strategy
	Parks and Recreation Master Plan
	Continued Official Community Plan review
	Adopt a Trail Program
	Interim Riparian Protection and Management Policy

Corporate Actions Taken in 2017	
	Continued GIS Mapping updates to integrate greenspace components
	Earth Day 2016 celebration promoting riparian areas - eco-education / outreach
	Tempest system implementation to manage environmental calls for service
	Invasive Species Mitigation and Monitoring on City properties
	Continued bylaw and policy reviews
Corporate Actions Proposed for 2018	
	Environmental Inventory and Management Strategy, Invasive Species Management Plan
	Parks and Recreation Master Plan
	Continued Official Community Plan review
	Shoreline Clean up & Fall Riparian Planting at Katzie Slough
	Interim Riparian Protection and Management Policy

Greenspace	
Does your local government have urban forest policies, plans or programs?	<u>Yes/No</u>
Does your local government have policies, plans or programs to support local food production?	<u>Yes/No</u>

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	
	Continued Waste Management garbage pick up using low-emissions trucks (CNG)
	Continued with weekly recycling & organics pick up and implement glass collection
	Promoted reduced, at-cost pricing composters, watering tree bags and rain barrels
	Implement new language in Request for Proposals as part of City's procurement process to support reduced GHG emissions and support more robust sustainability and environmental protection / enhancement initiatives
	Evaluation of Greenhouse Gas Emission Reduction Projects
Community-Wide Actions Proposed for 2018	
	Continued participation in Great Canadian Shoreline Cleanup
	Continue to promote at-cost pricing composters, watering tree bags and rain barrels
	Zero Waste Campaign launch & continued support of MVRD's waste reduction campaigns
	Continued implementation of new language in Request for Proposals as part of City's procurement process to support reduced GHG emissions and support more robust sustainability and environmental protection / enhancement initiatives
	Host Earth Day 2018 celebration promoting Zero Waste - eco-education / outreach

Corporate Actions Taken in 2017	
	Review City's procurement process and integrate new language in Request for Proposals to support reduced GHG emissions and support more robust sustainability and environmental protection / enhancement initiatives
	Continued Waste Management garbage pick up using low-emissions trucks (CNG)
	Continued with weekly recycling & organics pick up and implement glass collection
	Promoted reduced, at-cost pricing composters, watering tree bags and rain barrels
	Implementation of Tempest to increase efficiencies and reduce waste
Corporate Actions Proposed for 2018	
	Expanded recycling / waste stream bins project at City facilities & parks
	Continued to promote at-cost pricing composters, watering tree bags and rain barrels
	Zero Waste Campaign launch & Continued support of MVRD's waste reduction campaigns
	Continued implementation of Tempest to increase efficiencies and reduce waste
	Evaluation of Greenhouse Gas Emission Reduction Projects

Solid Waste	
Does your local government have construction and demolition waste reduction policies, plans	Yes/No

or programs?	
Does your local government have organics reduction/diversion policies, plans or programs?	Yes/No

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	
	Active Transportation – continued implementation of Pedestrian & Cycling Master Plan developed in 2013
	Transportation Public Consultation process to explore network options
	Cycling and trail additions
	Continue cycling awareness & share the road signage with local elementary schools
	Continue with idle-free campaign
Community-Wide Actions Proposed for 2018	
	Promote Bike to Work Week
	Continue cycling awareness & share the road signage with local elementary schools
	Active Transportation – continued implementation of Pedestrian & Cycling Master Plan developed in 2013
	Continue providing 2 free Electrical Vehicle charging station & research feasibility of adding new stations
	Introduce Bike Valet program at large special events in community

Corporate Actions Taken in 2017	
	Facilitated 2 courses for staff through HUBB – Bike to Work Week 101 & Bike Maintenance 101
	Promoted Bike to Work Week – challenged member municipality in friendly competition
	Conduct rail obstruction counts to document impacts on vehicle traffic at two grade crossings
	Continue with idle-free campaign
	Evaluation of Greenhouse Gas Emission Reduction Projects
Corporate Actions Proposed for 2018	
	Promote Bike to Work Week
	Launched Zero Waste Campaign
	Continue with idle-free campaign
	Continued Evaluation of Greenhouse Gas Emission Reduction Projects

Transportation	
Does your local government have policies, plans or programs to support:	

• Walking	<u>Yes/No</u>
• Cycling	<u>Yes/No</u>
• Transit Use	<u>Yes/No</u>
• Electric Vehicle Use	<u>Yes/No</u>
• Other (please specify)	<u>Yes/No</u>
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)?	<u>Yes/No</u>
Does your local government integrate its transportation and land use planning?	<u>Yes/No</u>

2017 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	
	Utility infrastructure replacement/upgrades of water pipes, water meters and valves
	Offer reduced cost rain barrel, water bags for trees & toilet recycling rebates
	Promote MVRD water conservation & enforced restrictions
	Flood Risk Assessment Phase I through National Disaster Management Program
	Planning & implementation of drainage 4 pump with increased efficiencies
Community-Wide Actions Proposed for 2018	
	Continued utility infrastructure replacement/upgrades of water pipes, water meters and valves
	Zero Waste Campaign launch
	Continue to offer reduced cost rain barrel, water bags for trees & toilet recycling rebates
	Continue to promote MVRD water conservation & enforced restrictions
	Continued Flood Risk Assessment Phase I and apply for Flood Mapping Phase II through National Disaster Management Program

Corporate Actions Taken in 2017	
	Purchased water quality monitoring equipment
	Explore grant options for water protection /enhancement initiatives
	Planning & implementation of drainage 4 pump with increased efficiencies
	Drainage Feasibility Review
Corporate Actions Proposed for 2018	
	Integrated Stormwater Management review
	Apply for Flood Mapping Phase II through National Disaster Management Program
	Interim Riparian Protection and Management Strategy
	Invasive Species Management Plan

Water Conservation	
Does your local government have water conservation policies, plans or programs?	Yes/No

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 • <u>Changes to temperature and precipitation causing seasonal drought</u> • Heatwaves impacting population health • Increased temperatures increasing wildfire activity • Increased temperatures affecting air quality • Changing temperatures influencing species migration and ecosystem shifts • <u>Extreme weather events contributing to urban and overland flooding</u> • <u>Sea level rise and storms causing coastal flooding and/or erosion</u> 	
Other:	

In 2017 has your local government addressed the impacts of a changing climate using any of the following?	
Risk and Vulnerability Assessments	Yes/No
Risk Reduction Strategies	Yes/No
Emergency response planning	Yes/No
Asset management	Yes/No
Natural/Eco asset management strategies	Yes/No
Infrastructure upgrades (e.g. storm water system upgrades)	Yes/No
Beach Nourishment projects	n/a
Economic diversification initiatives	Yes/No
Strategic and financial planning	Yes/No
Cross-department working groups	Yes/No
OCP policy changes	Yes/No

Changes to zoning and other bylaws and regulations	<u>Yes/No</u>
Incentives for property owner (e.g. reducing storm water run-off)	<u>Yes/No</u>
Public education and awareness	<u>Yes/No</u>
Research	<u>Yes/No</u>
Mapping	<u>Yes/No</u>
Partnerships	<u>Yes/No</u>
Other:	

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.	
<input type="checkbox"/>	Implementation of SAAS software to better track & monitor GHG emissions & initiatives
<input type="checkbox"/>	Evaluation of GHG Emission Reduction Potential Project
<input type="checkbox"/>	Flood Risk Assessment Phase I through National Disaster Management Program
<input type="checkbox"/>	Continued environmental mapping attributes in GIS
<input type="checkbox"/>	Initiate Official Community Plan review
Climate Change Adaptation Actions Proposed for 2018	
<input type="checkbox"/>	Continued Flood Risk Assessment Phase I and apply for Flood Mapping Phase II through National Disaster Management Program
<input type="checkbox"/>	Continue Evaluation of GHG Emission Reduction Potential Project
<input type="checkbox"/>	Environmental Inventory and Management Strategy
<input type="checkbox"/>	Continued environmental mapping attributes in GIS
<input type="checkbox"/>	Earth Day focus on Zero Waste & Zero Waste Campaign launch
For more information please contact:	
<input type="checkbox"/>	Susanne Sloboda, R.B.Tech., Environmental Stewardship Officer ssloboda@pittmeadows.bc.ca or call 604-465-2404

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?	
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 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	Haven't Used /Useful/Not Useful Haven't Used /Useful/Not Useful Haven't Used /Useful/Not Useful Haven't Used /Useful/Not Useful Haven't Used /Useful/Not Useful Haven't Used /Useful/Not Useful Haven't Used /Useful/Not Useful Haven't Used /Useful/Not Useful Haven't Used /Useful/Not Useful Haven't Used /Useful/Not Useful Haven't Used /Useful/Not Useful Haven't Used /Useful/Not Useful Haven't Used /Useful/Not Useful Haven't Used /Useful/Not Useful Haven't Used /Useful/Not Useful Haven't Used /Useful/Not Useful Haven't Used /Useful/Not Useful Haven't Used /Useful/Not Useful Haven't Used /Useful/Not Useful Haven't Used /Useful/Not Useful
Other:	

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	
	Continue to support sustainability and environmental stewardship & enhancement initiatives through increased awareness utilizing an integrated approach
	Increased community engagement to promote sustainability initiatives
Community-Wide Actions Proposed for 2018	
	Continue to support sustainability and environmental stewardship & enhancement initiatives
	Increased community engagement
	Recognize sustainability champions within the community

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Corporate Actions Taken in 2017	
	Continue to support corporate sustainability and environmental stewardship & enhancement initiatives through increased awareness utilizing an integrated, multi-departmental approach
	Increased corporate engagement with zero waste initiatives
	Explore new opportunities to educate committees, Mayor & Council, corporate managers, directors & staff
	Research funding mechanisms that support climate action initiatives
Corporate Actions Proposed for 2018	
	Continue to support sustainability and environmental stewardship & enhancement initiatives through increased awareness utilizing an integrated, multi-departmental approach
	Increased corporate engagement in Zero Waste Campaign launch
	Recognize sustainability champions amongst Mayor & Council, corporate managers, directors & staff
	Continue to research funding mechanisms that support climate action initiatives, determine feasibility and apply for funding

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

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
Zero Waste Campaign Launch
For more information contact:
Corporate Action
Zero Waste Campaign Launch
For more information contact:

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
National Disaster Mitigation Program Emergency Management BC

Adaptation

Programs and Funding

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/No
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:	851 tCO ₂ e
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:	148 tCO ₂ e
TOTAL A: CORPORATE GHG EMISSIONS FOR 2017	999 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
Energy Efficient Retrofits	
Solar Thermal	
Household Organic Waste Composting	570 tCO ₂ e

Low Emission Vehicles	
Avoided Forest Conversion	
TOTAL B: REDUCTIONS FROM OPTION 1 PROJECTS FOR 2017	570 tCO2e

If applicable, please report the names and 2017 GHG emissions reductions (in tonnes of carbon dioxide equivalent (tCO2e)) being claimed from Option 2 GHG Reduction Projects:

OPTION 2 PROJECT NAME	REDUCTIONS
TBD – pending feasibility of a project outlined in “ <i>Evaluation of Greenhouse Gas Emissions Reduction Projects Report</i> ” and Council approval to undertake such project, OR alternately, offsets to be purchased from quality provider	429 tCO2e
TOTAL C: REDUCTIONS FROM OPTION 2 PROJECTS FOR 2017	429 tCO2e

If applicable, please report the name of the offset provider, type of project and number of offsets purchased (in tonnes of carbon dioxide equivalent (tCO2e)) from an offset provider for the 2017 reporting year:

(NOTE: DO NOT INCLUDE ANY FUNDS THAT MAY BE SET ASIDE IN A CLIMATE ACTION RESERVE FUND)

OFFSET PROVIDER NAME	OFFSETS
TOTAL D: OFFSETS PURCHASED FOR 2017	tCO2e

TOTAL REDUCTIONS AND OFFSETS FOR 2017 (Total B+C+D) = 999 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 = (A – (B+C+D)) = 0 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
n/a	n/a
BALANCE OF REDUCTIONS ELIGIBLE FOR CARRY OVER TO NEXT YEAR	tCO2e

Carbon Neutral Reporting	
Does your local government have a climate reserve fund or something similar?	<u>Yes/No</u>

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:

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