



# Climate Action Revenue Incentive (CARIP) Public Report for 2018

**Local Government: City of Port Coquitlam**

**Report Submitted by:**

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The City of Port Coquitlam has completed the 2018 Climate Action Revenue Incentive Program (CARIP) Public Report as required by the Province of BC. The CARIP report summarizes actions taken in 2018 and proposed for 2019 to reduce corporate and community-wide energy consumption and greenhouse gas emissions (GHG) and reports on progress towards achieving carbon neutrality.

## 2018 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, and centred) plays an especially important role in energy and GHG reduction.

<b>Q 6 + Q 7 Community-Wide Broad Planning Actions Taken in 2018 + Additional Actions</b>	
	Implemented recommendations for a Downtown Action Plan including actions that encourage higher density mixed use development and consider transportation demand management measures (e.g. investing in wider sidewalks, enforcing parking time limits, reducing the number of parking spaces required, and providing designated spaces for car share if there is interest).
	Adopted bylaw amendments and policies to further encourage infill development in established single residential areas by facilitating more duplexes, and allowing for more subdivision of larger lots into smaller residential lots in areas near mixed use, services/amenities and transit.
	Development of wayfinding strategy for multi-modal transportation.
	Development of an urban forest management strategy, including adoption of a new Tree Bylaw.
	Participated in a study with Metro-Vancouver to consider support for transit oriented development along the new B-line route on Lougheed Highway.
<b>Q 8 Community-Wide Broad Planning Actions Proposed for 2019</b>	
	Continue an update of the Official Community Plan, including a review of environmental policies and GHG emission reduction targets and strategies, new policies promoting transit-oriented development, protecting agricultural areas and promoting infill development and multifamily development in areas near mixed use, services/amenities and transit.
	Consider early adoption of BC Energy Step Code.
	Continued implementation of a urban forest management strategy.

<b>Q 9 + Q 10 Corporate Broad Planning Actions Taken in 2018 + Additional Actions</b>	
	Continued construction of new Community Recreation Complex incorporating energy and water conservation and GHG reduction design measures.
<b>Q 11 Corporate Broad Planning Actions Proposed for 2019</b>	
	Installation of wayfinding signage in the downtown, in parks and public spaces and along trails to encourage multi-modal transportation.

Broad Planning	
Q 12 What is (are) your current GHG reduction target(s)?	Under review, current targets in the Official Community Plan include: 20% reduction in corporate emissions from 2007 levels by 2017 8% reduction in community emissions from 2007 levels by 2017
Q 13 Are you familiar with your local government's community energy and emissions inventory (e.g. CEEI or another inventory)?	Yes
Q 14 What plans, policies or guidelines govern the implementation of climate mitigation in your community? <ul style="list-style-type: none"> <li>• Community Energy and Emissions Plan</li> <li>• Integrated Community Sustainability Plan</li> <li>• Community- Wide Climate Action Plan</li> <li>• Official Community Plan</li> <li>• Regional Growth Strategy</li> <li>• Do not have a plan</li> <li>• Other:</li> </ul>	No Yes Yes Yes Yes No No
Q 15 Does your local government have a corporate GHG reduction plan?	Yes

## 2018 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.

Q 16 + Q 17 Community-Wide Building and Lighting Actions Taken in 2018 + Additional Actions	
	LED Replacement program – we are in Year one of a four year program to replace all existing street lights with LED. Completed a needs assessment to evaluate and select appropriate LED luminaires. Applied for and received a provincial Infrastructure Planning grant to support the work.
Q 18 Community-Wide Building and Lighting Actions Proposed for 2019	
	Year Two of a four year program to replace all existing street lights with LED. We also have a study underway to update our Subdivision Servicing bylaw to include LED specifications for new street lights and gap assessment to determine where additional streetlights are required.


<b>Q 19 + Q 20 Corporate Building and Lighting Actions Taken in 2018 + Additional Actions</b>	
	Hyde Creek Recreation Centre – Replaced existing sport hall lighting fixtures with LED.
	City Hall – Upgraded building automation system to control parts of the building’s heating and cooling system during unoccupied hours.
	Centennial Pool Mechanical System – Replaced existing boiler with more modern efficient boiler.
<b>Q 21 Corporate Building and Lighting Actions Proposed for 2019</b>	
	Annex – Replacement of roof top air handling units.
	Fire Hall # 2 – Replacement of Exterior lighting with LED Lights.
	Leigh Square - Replacement of Exterior Bandshell lighting with LED Lights.

<b>Building and Lighting</b>	
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	
<b>Q 22 Is your local government aware of the <a href="#">BC Energy Step Code</a>?</b>	Yes
<b>Q 23 Is your local government implementing the <a href="#">BC Energy Step Code</a>?</b>	Under Consideration

## P5 2018 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.

<b>Q 24 + Q 25 Community-Wide Energy Generation Actions Taken in 2018 + Additional Actions</b>	
	Continued opt-in to the Solar Hot Water Ready Regulation for construction.
	Continued to require issuance of Environmental Conservation Development Permits for all new commercial, industrial, institutional and intensive residential to encourage energy and water

	conservation, and GHG emission reductions.

<b>Q 26 Community-Wide Energy Generation Actions Proposed for 2019</b>	

<b>Q 27 + Q 28 Corporate Energy Generation Actions Taken in 2018 + Additional Actions</b>	

<b>Q 29 Corporate Energy Generation Actions Proposed for 2019</b>	

<b>Energy Generation</b>	
<b>Q 30 Is your local government developing, or constructing a</b> <ul style="list-style-type: none"> <li>• district energy system</li> <li>• renewable energy system</li> <li>• none of the above</li> </ul>	<b>No</b> <b>No</b>
<b>Q 31 Is your local government operating a</b> <ul style="list-style-type: none"> <li>• district energy system</li> <li>• renewable energy system</li> <li>• none of the above</li> </ul>	<b>No</b> <b>No</b>
<b>Q 32 Is your local government connected to a district energy system that is operated by another energy provider?</b>	<b>No</b>
<b>Q 33 Are you familiar with the 2018 <a href="#">List of Funding Opportunities for Clean Energy Projects Led by First Nations and Local Governments?</a></b>	<b>Yes</b>

## 2018 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.

<b>Q 34 + Q 36 Community-Wide Greenspace Actions Taken in 2018 + Additional Actions (Q 35 below Q 41)</b>	
	Ongoing support of Coquitlam Watershed Roundtable community watercourse education.
	Continued to require issuance of Watercourse Development Permits for new development within 30 or 15 meters of a classed watercourse to ensure protection riparian areas, wetlands and waterways.
	Updated how we manage trees through policy, regulation, protection and planting.
	Continued to support the Salmon Festival – a community event led by volunteers celebrating environmental initiatives and salmon release.
	Continued to support the Rivers and Trails Festival – a community event led by volunteers celebrating our Rivers and Trails.
<b>Q 37 Community-Wide Greenspace Actions Proposed for 2019</b>	
	Adoption of a new tree bylaw, designed to better manage trees in our community and ensure a healthy urban forest for future generations.
	Reduction of dog waste bags provided in City parks and move towards source separation of dog waste through “red can” collection of dog waste.
	Implementation of a more “water-wise” approach to new plantings within City parks to reduce amount and frequency of irrigation required to maintain.
	Continue to target areas of chafer beetle infestation with natural approaches of control including nematodes.
	Continue to support local stewardship groups and volunteer groups through partnerships such as invasive species management projects and programming related to environmental awareness.

<b>Q 38 + Q 39 Corporate Greenspace Actions Taken in 2018 + Additional Actions</b>	
	Completed and opened the Blakeburn Lagoons Park. An 11-hectare (27-acre) park which was formerly the site of two waste settling ponds, and was redeveloped into a natural wildlife habitat.
	Implemented an additional (3 <sup>rd</sup> ) community garden connecting School District #43, youth, seniors and the community.
<b>Q 40 Corporate Greenspace Actions Proposed for 2019</b>	
	The Parks Section is transitioning small equipment towards battery powered, environmentally sensitive power tools where feasible.

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<b>Greenspace</b>	
<b>Q 41 Does your local government have urban forest policies, plans or programs?</b>	<b>Yes</b>
<b>Q 35. Does your local government have policies, plans or programs to support local food production?</b>	<b>Yes</b>

## 2018 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.

<b>Q 42 + Q 43 Community-Wide Solid Waste Actions Taken in 2018 + Additional Actions</b>	
	Proactive education of Solid Waste initiatives by City Ambassadors encouraging diversion.
	Continued to promote waste-diversion programs for garbage, recycling and organics collection.
	Requested for community/block/building waste diversion champion volunteers .
	Held 4 recycling drop off event days.
	Disposed of municipal organic waste via anaerobic digestion (Renewi, née Orgaworld).
<b>Q 44 Community-Wide Solid Waste Actions Proposed for 2019</b>	
	Proactive education of Solid Waste initiatives by City Ambassadors encouraging diversion.
	Continue to promote waste-diversion programs for garbage, recycling and organics collection.
	Conduct waste audits.
	Hold Repair Café to encourage reuse & recycle.

<b>Q 45 + Q 46 Corporate Solid Waste Actions Taken in 2018 + Additional Actions</b>	
	Proactive education of Solid Waste initiatives by City Ambassadors encouraging diversion.
	Continued to promote waste-diversion programs for recycling and organics collection.
	Built partnerships with private solid waste diversion enterprises to collaborate solutions to increase diversion initiatives.
<b>Q 47 Corporate Solid Waste Actions Proposed for 2019</b>	
	Continue to assess route analysis and route optimization. Developed driver training to encourage and support positive impacts on fuel usage and idle time.
	Proactive education of Solid Waste initiatives by City Ambassadors encouraging diversion.
	Continued to promote waste-diversion programs for recycling and organics collection.
	Built partnerships with private solid waste diversion enterprises to collaborate solutions to increase

	diversion initiatives.

Solid Waste	
Q 48 Does your local government have construction and demolition waste reduction policies, plans or programs?	Yes
Q 49 Does your local government have organics reduction/diversion policies, plans or programs?	Yes

## 2018 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 and public transit, can contribute to reductions in GHG emissions and more livable communities.

Q 50 + Q 51 Community-Wide Transportation Actions Taken in 2018 + Additional Actions	
	Installed a DC electric vehicle fast charger at City Hall.
	Piloted a car sharing program in the City's downtown.
	Piloted dockless bike sharing in the City.
	Sidewalk and Pedestrian Safety Improvements – sidewalks, curb extensions, crosswalks, pedestrian controlled light.
	Active Transportation Improvements – 4 multi-use paths for cycling and walking.
	Cedar Drive Traffic Calming Improvements .
	Coquitlam River Bridge – Functional Design.
Q 52 Community-Wide Transportation Actions Proposed for 2019	
	Expansion of bike share stations.
	Sidewalk and Pedestrian Safety Improvements.
	Active Transportation Improvements.
	Traffic Calming Improvements.
	Website development, education and outreach.

Q 53 + Q 54 Corporate Transportation Actions Taken in 2018 + Additional Actions	
	Bike to work week.
	Running clubs.
	Carpooling to meetings.
	Implementation of Master Transportation Plan (MTP), to encourage high densities & mixed land uses, maximize the efficiency of the transportation, and develop a network of active transportation links, and provide safe, accessible, convenient and affordable transportation choices, with a greater priority on walking, cycling and transit.



	Processing and incorporation of data from Fleet Champions to assist in lowering fleet emissions.
<b>Q 55 Corporate Transportation - Actions Proposed for 2019</b>	
	Corporate bike share summer pass.

<b>Transportation</b>	
<b>Q 56 Does your local government have policies, plans or programs to support:</b>	
• Walking	Yes
• Cycling	Yes
• Transit Use	Yes
• Electric Vehicle Use	Yes
• Other (please specify)	No
<b>Q 57 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 behaviour)?</b>	No
<b>Q 58 Does your local government integrate its transportation and land use planning?</b>	Yes

## 2018 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 GHG emissions.

<b>Q 59 + Q 60 Community-Wide Water and Wastewater Actions Taken in 2018 + Additional Actions</b>	
	Continue the Eco-Initiative Program(s) – Water Conservation and Flush it Program.
	Continue rain barrel program – reduced fee for purchase of rain barrel.
	Proactive education of water conservation initiatives by City Ambassadors.
	Social media and communications program.
	Updated Drinking Water Conservation Bylaw.
<b>Q 61 Community-Wide Water and Wastewater Actions Proposed for 2019</b>	
	Continue the Eco-Initiative Program(s) – Water Conservation and Flush it Program.
	Proactive education of water conservation initiatives by City Ambassadors.
	Social media and communications program.
	Actively audit restriction expectations.

<b>Q 62 + Q 63 Corporate Water and Wastewater Actions Taken in 2018 + Additional Actions</b>	
	Continuation of the Eco-Initiative Program(s) – Water Conservation and Flush it Program.
	Rain barrel program – reduced fee for purchase of rain barrel.
	Social media and communications program.
	Proactive education of water conservation initiatives by City Ambassadors supplementing bylaw's enforcement in efforts to encourage reduction of total water consumption during heavy demand

	periods (summer months) in the region.
	Update Water Bylaw
<b>Q 64 Corporate Water and Wastewater Actions Proposed for 2019</b>	
	Continuation of the Eco-Initiative Program(s) – Water Conservation and Flush it Program.
	Social media and communications program.
	Proactive education of water conservation initiatives by City Ambassadors supplementing bylaw's enforcement in efforts to encourage reduction of total water consumption during heavy demand periods (summer months) in the region.
	Update Water Bylaw.

<b>Water Conservation</b>	
<b>Q 65 Does your local government have water conservation policies, plans or programs?</b>	<b>Yes</b>

## 2018 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.

<b>Q 66 Please identify the THREE climate impacts that are most relevant to your Local Government.</b>	
<ul style="list-style-type: none"> <li>• Changes to temperature and precipitation causing seasonal drought</li> <li>• Extreme weather events contributing to urban and overland flooding</li> <li>• Sea level rise and storms causing coastal flooding and/or erosion</li> </ul>	
Other (please specify):	
<b>Q 67 In 2018 has your local government addressed the impacts of a changing climate using any of the following?</b>	
Risk and Vulnerability Assessments	Yes
Risk Reduction Strategies	Yes
Emergency Response Planning	Yes
Asset Management	Yes
Natural/Eco Asset Management Strategies	No
Infrastructure Upgrades (e.g. stormwater system upgrades)	Yes
Beach Nourishment Projects	No
Economic Diversification Initiatives	No
Strategic and Financial Planning	Yes
Cross-Department Working Groups	Yes
Official Community Plan Policy Changes	Yes
Changes to Zoning and other Bylaws and Regulations	Yes
Incentives for Property Owners (e.g. reducing storm water run-off)	No
Public Education and Awareness	Yes

Research	No
Mapping	Yes
Partnerships	Yes
Other (please specify):	

<b>Q 68 Climate Change Adaptation Actions Taken in 2018</b>	
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"/>	Continuation of flood hazard assessment and planning.
<input type="checkbox"/>	Development of tree planting guidelines for resilient urban forest.
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<b>Q 69 Climate Change Adaptation Actions Proposed for 2019</b>	
<input type="checkbox"/>	Consideration of new regulations pertaining construction of habitable floor space on lots within floodplain.
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<b>Q 70 For more information please contact</b>	
<input type="checkbox"/>	

Q 71. 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?	
<a href="#">Indicators of Climate Change for British Columbia</a> <a href="#">Plan2Adapt</a> <a href="#">Climate Projections for Metro Vancouver</a> <a href="#">Climate Projections for the Capital Region</a> <a href="#">Climate Projections for the Cowichan Valley Regional District</a> <a href="#">Province of BC's BC Adapts Video Series</a> <a href="#">Preparing for Climate Change: Implementation Guide for Local Governments</a> <a href="#">Public Infrastructure and Engineering Vulnerability Committee's (PIEVC)</a> <a href="#">Sea Level Rise Adaptation Primer</a> <a href="#">BC Regional Adaptation Collaborative Webinars</a> <a href="#">Retooling for Climate Change</a> <a href="#">Water Balance Model</a> <a href="#">Water Conservation Calculator</a>  Funding: <a href="#">National Disaster Mitigation Program (NDMP)</a> <a href="#">Community Emergency Preparedness Fund (CEPF)</a> <a href="#">Municipalities for Climate Innovation Program (MCIP)</a> <a href="#">Climate Adaptation Partner Grants (FCM)</a> <a href="#">Infrastructure Planning Grants (MAH)</a> <a href="#">Federal Gas Tax Fund</a>	Haven't Used Useful Useful Haven't Used Haven't Used Haven't Used Haven't Used Haven't Used Useful Haven't Used Haven't Used Useful Haven't Used  Useful Useful Haven't Used Haven't Used Useful Useful
<b>Other (please specify)</b>	

## 2018 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.

Q 72 Community-Wide Other Actions Taken in 2018	
Q 73 Corporate Other Actions Taken in 2018	

<b>Other</b>	
<b>Q 74</b> Are you familiar with the <a href="#">Community Lifecycle Infrastructure Costing Tool (CLIC)</a> ?	<b>Yes</b>
<b>Q 75</b> Is your local government using the <a href="#">CLIC</a> tool?	<b>No</b>

## 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 highlight 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 making applications to [CEA’s Climate and Energy Action Awards](#), [FCM Sustainable Communities Awards](#) or to [FCM’s National Measures Report](#).

<b>Q 76 Community-Wide Innovation Action</b>
<b>Q 77 Corporate Innovation Action</b>
<b>Q 78 For more information on actions described above contact</b>

### 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 separated by a forward slash (e.g. program1/program2).

### Mitigation

#### Q 79 Mitigation Programs, Partnerships and Funding

CMBC (Coast Mountain Bus Company) partnership – projects & improvements.  
 Translink – Bicycle Infrastructure Capital Cost-Sharing (BICCS), Transit Related Road Infrastructure. (TRIPP) & Walking Infrastructure To Transit (WITT) programs – secured projects & funding  
 Tree Canada Tree Planting funding.

#### Adaptation

#### Q 80 Adaptation Programs, Partnerships and Funding

Tree Canada Tree Planting funding

## 2018 CARBON NEUTRAL REPORTING

Local governments are required to report on their progress in achieving their carbon neutral goal under the [B.C. 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 [Workbook](#) and [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 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

Q 81 Did your local government measure corporate GHG emissions for 2018?	Yes
Q 82 If your local government measured 2018 corporate GHG emissions, please report the number of corporate GHG emissions from services delivered directly by your local government (in tonnes of carbon dioxide equivalent)	1942.70
Q 83 If your local government measured 2018 corporate GHG emissions, please report the number of corporate GHG emissions from contracted services (in tonnes of carbon dioxide equivalent)	179.04
Q 84 TOTAL A: CORPORATE GHG EMISSIONS FOR 2018 (Direct GHGs + Contracted GHGs)	2121.74 tCO <sub>2</sub> e

## Reporting Reductions and Offsets

To be carbon neutral, a local government must balance their TOTAL corporate GHG emissions generated in 2018 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

For more information about options to balance or offset corporate GHG emissions please refer to [Becoming Carbon Neutral: A Guidebook for Local Governments in British Columbia](#).

If applicable, please report the 2018 GHG emissions reductions (in tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e)) being claimed from any of the following Option 1 GHG Reduction Projects:

OPTION 1 PROJECTS	REDUCTIONS
Q 85 Energy Efficient Retrofits (in tonnes of carbon dioxide equivalent (tCO <sub>2</sub> e))	
Q 86 Solar Thermal (in tonnes of carbon dioxide equivalent (tCO <sub>2</sub> e))	
Q 87 Household Organic Waste Composting (in tonnes of carbon dioxide equivalent (tCO <sub>2</sub> e))	664.00
Q 88 Low Emission Vehicles (in tonnes of carbon dioxide equivalent (tCO <sub>2</sub> e))	
Q 89 Avoided Forest Conversion (in tonnes of carbon dioxide equivalent (tCO <sub>2</sub> e))	
Q 90 TOTAL B: REDUCTIONS FROM ALL OPTION 1 PROJECTS FOR 2018	664.00 tCO <sub>2</sub> e

Q 91 If applicable, please report the names and 2018 GHG emissions reductions (in tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e)) being claimed from Option 2 GHG Reduction Projects:

Option 2 Project Name	REDUCTIONS
Option 2 GHGs Reduced (tCO <sub>2</sub> e)	
Option 2 Project Name	
Option 2 GHGs Reduced (tCO <sub>2</sub> e)	
Option 2 Project Name	

Option 2 GHGs Reduced (tCO <sub>2</sub> e)	
<b>Q 92 TOTAL C: REDUCTIONS FROM ALL OPTION 2 PROJECTS FOR 2018</b>	<b>tCO<sub>2</sub>e</b>

**Offsets**

**Q 93** If applicable, please report the name of the offset provider, type of project and number of offsets purchased (in tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e)) from an offset provider for the 2018 reporting year:

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

Offset Provider Name	OFFSETS
Offsets (tCO <sub>2</sub> e)	
Offset Provider Name	
Offsets (tCO <sub>2</sub> e)	
<b>Q 94 TOTAL D: OFFSETS PURCHASED FOR 2018</b>	<b>tCO<sub>2</sub>e</b>

**Q 95 TOTAL REDUCTIONS AND OFFSETS FOR 2018 (Total B+C+D) = \_\_\_664.00 tCO<sub>2</sub>e**

**Corporate GHG Emissions Balance for 2018**

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

**Q 96 CORPORATE GHG EMISSIONS BALANCE FOR 2018 = (A – (B+C+D)) = 1457.74 tCO<sub>2</sub>e**

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



**Q 97 If your local government was carbon neutral in 2018, please record any emissions reductions you will be carrying over for future years and the source of the reductions, including the year they were earned (e.g. organics diversion, 2018 100 tCO<sub>2</sub>e)**

SOURCE OF CARRY OVER EMISSION REDUCTIONS (and year earned)	REDUCTIONS
<b>Q 98 BALANCE OF REDUCTIONS ELIGIBLE FOR CARRY OVER TO NEXT YEAR</b>	<b>tCO<sub>2</sub>e</b>

Carbon Neutral Reporting	
<b>Q 99 Does your local government set aside funds in a climate reserve fund or similar?</b>	<b>No</b>

## GCC CLIMATE ACTION RECOGNITION PROGRAM

### Green Communities Committee 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 (e.g. 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.

**Q 100 Based on your local government's 2018 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 checked="" type="checkbox"/>	Level 2 – Measuring GHG Emissions	X
<input type="checkbox"/>	Level 3 – Accelerating Progress on Charter Commitments	
<input type="checkbox"/>	Level 4 - Achievement of Carbon Neutrality	
<input type="checkbox"/>	Not Sure	

**Q 101 Related to 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 and/or financial resources and is intended to result in significant GHG reductions:**

<b>PROJECT NAME:</b>