

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



Photo by Janet Baker



**Report Submitted by: Strathcona Regional District**

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**Date: May 22, 2019**

Strathcona Regional District 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>Community-Wide Broad Planning Actions Taken in 2018</b>	
	Continued emphasis on broadband connectivity as a strategic priority for the region (reduced physical travel).
	On-going development and maintenance of the Strathcona Community Health Network in collaboration with Island Health.
	Begin Zoning bylaw review for Area B that supports clustered residential development, maximum dwelling size and aquaculture practices
<b>Community-Wide Broad Planning Actions Proposed for 2019</b>	
	Develop community broadband (last mile) infrastructure to advance broadband connectivity in the region (reduce the need for physical travel).
	Continue development and maintenance of the Strathcona Community Health Network.
	Complete Zoning bylaw review for Area B that supports clustered residential development, maximum dwelling size and aquaculture practices
	Award contract for the development of an integrated sustainability plan for Electoral Area C.

<b>Corporate Broad Planning Actions Taken in 2018</b>	
	Continued working on asset management
	Replaced fleet vehicle with a new vehicle with green energy saving features.
	Continued records management project – working towards the reduction of physical and digital space requirements to manage records.
	Develop/finalize office space requirements reconfiguration and renovation.
	Information Technology infrastructure and equipment upgrades.
<b>Corporate Broad Planning Actions Proposed for 2019</b>	
	Continue work on records management – working towards the reduction of physical and digital space requirements to manage records.
	Finalize office space requirements reconfiguration and renovation.
	Annual Information Technology infrastructure and equipment upgrades.

<b>Broad Planning</b>	
<p>What is (are) your current GHG reduction target(s)?</p>	<p>Bylaw No. 3050, Quadra Island Official Community Plan Bylaw 2007, has reduction policies with the following targets: 16% reduction of 2017 levels by 2020 and 40% by 2050, with a list of what will be done to achieve that.</p> <p>Bylaw No. 139, Cortes Official Community Plan Bylaw 2012, has GHG reduction policies with the following targets: working towards the provincial goal of 33% reduction in GHG emissions by 2020, and more specifically: 16% below 2017 by 2020 with a list of what will be done to achieve that.</p> <p>Bylaw No. 2224, Menzies Bay Area Official Community Plan Bylaw 2000, has GHG reduction policies, to reduce GHG emissions through targets and actions: By 2020 reduce 2007 levels by 16%; and by 2050 by 40%.</p> <p><b>Actions:</b> raise awareness, educate, building efficiency, retention of trees, reduce commutes, grow local food and encourage waste reduction.</p>
<p>Are you familiar with your community's community energy and emissions inventory (e.g. CEEI or another inventory)?</p>	<b>Yes</b>
<p>What plans, policies or guidelines govern the implementation of climate mitigation in your community?</p> <ul style="list-style-type: none"> <li>• Community Energy and Emissions (CEE) Plan</li> <li>• Community- Wide Climate Action Plan</li> <li>• Integrated Community Sustainability Plan</li> <li>• Official Community Plan (OCP)</li> <li>• Regional Growth Strategy (RGS)</li> <li>• Do not have a plan</li> <li>• Other:</li> </ul>	<p><b>No</b></p> <p><b>No</b></p> <p><b>No</b></p> <p><b>Yes</b></p> <p><b>No</b></p> <p><b>No</b></p> <p><b>No</b></p>
<p>Does your local government have a corporate GHG reduction plan?</p>	<b>No</b>

## 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.

<b>Community-Wide Building and Lighting Actions Taken in 2018</b>	
	Continued LED replacements around the Strathcona Gardens Recreation Complex.
	Schematic design for the revitalization of the Strathcona Gardens Recreation Complex approved by the Board.
	Received \$4.6 million Gas Tax Funding for the Energy Recovery Project
	All parking lot lights and skate park lighting in Blenkin Park upgraded to LED fixtures
	Installation of the LED lighting in Arena 2 and the Leisure Ice resulting in a 50% reduction in energy use.
	Installation of the Direct Digital Control system for both Arena Ice plants. We are now able to control temperatures by reducing the electrical demands on each ice plant.
	Continuation of the energy efficiency upgrades to Gorge Hall, Cortes Island
	Continuation of upgrades to stage/theatre lighting of the Quadra Island Recreational Centre to LED Lighting
<b>Community-Wide Building and Lighting Actions Proposed for 2019</b>	
	Beginning stages of implementation of a \$4.6 million Energy Efficiency Upgrades grant project at Strathcona Gardens.
	Installation of CO2 Refrigeration plants for both Ice Arenas along with the Energy Recovery loop system in order for us to capture 100% of the waste heat from the two CO2 ice plants.
	Purchase an electric Zamboni to replace current Olympia ice resurfacer. We will then have two electric Zamboni ice resurfacers in order to have zero emissions.
	Strathcona Gardens Planned Redevelopment – awaiting funding. This project plans for a significant redevelopment of the facility that would include many environmental sustainability measures: Transportation on demand planning, bike racks, glazing to maximize natural light/heating, new energy efficient fittings and equipment.

<b>Corporate Building and Lighting Actions Taken in 2018</b>	
	Inclusion of energy efficient option in Corporate Office building retrofit.
<b>Corporate Building and Lighting Actions Proposed for 2019</b>	
	Ongoing inclusion of energy efficient options in the Corporate Office building retrofit.

**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

<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>	No

**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>Community-Wide Energy Generation Actions Taken in 2018</b>	
	Install back up generator for Quathiaski Cove Wastewater Treatment Plant
<b>Community-Wide Energy Generation Actions Proposed for 2019</b>	
	Design and allocation of \$4.6 million grant funding: <ul style="list-style-type: none"> <li>- 100KW Solar Photovoltaic System</li> <li>- Energy Recovery Loop &amp; Community Energy System</li> <li>- High efficiency air handlers</li> <li>- Ice melting pits</li> </ul>
	Strathcona Gardens Energy Recovery Project – currently underway. Involves replacing refrigeration units with high-efficiency units and recovering heat to use for other parts of the facility. This project will also incorporate solar energy at a later stage.
	For 2020 we plan on moving forward with Solar energy for the facility as well as the RECREATE Project

<b>Corporate Energy Generation Actions Taken in 2018</b>	
	None

Corporate Energy Generation Actions Proposed for 2019	
	None

Energy Generation	
<b>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 No</b>
<b>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>Is your local government connected to a district energy system that is operated by another energy provider?</b>	<b>Yes</b>
<b>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.

Community-Wide Greenspace Actions Taken in 2018	
	Investigate the acquisition of two land parcels to adjoin park lands on Cortes Island – Electoral Area B.
	Planning, design and commence construction of a pedestrian trail through Quathiaski Cove Village on Quadra Island.
	Trail development and maintenance – Electoral Areas B, C, and D.
	Improvements of public beach access at various locations – Electoral Areas B and C.
	Acquired two parcels of parkland on Quadra Island and Read Islands.
	Continued with cross island trail development on Cortes - Electoral Area B.
Community-Wide Greenspace Actions Proposed for 2019	
	Investigation of a recreation hub on Quadra Island.
	Crown land applications to acquire land on Read, Quadra and Stuart Islands, Electoral Area C.

	Continue with cross island trail development on Cortes – Electoral Area B.
	Continue trail development and maintenance Areas B, C, and D.
	Improvements of public beach access at various locations including obtaining tenure for trail access where required – Electoral Areas B and C.
	Acquire 3 ha parcel of parkland adjacent to Granite Bay park on Quadra Island.

Corporate Greenspace Actions Taken in 2018	
	None
Corporate Greenspace Actions Proposed for 2019	
	None

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

## 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.

Community-Wide Solid Waste Actions Taken in 2018	
	Ongoing participation in the Comox Strathcona Regional Solid Waste Committee.
	Sayward Valley annual cleanup and residential waste pick-up. After annual cleanup recyclable items are diverted to the recyclable waste stream.
	On-going recycling curbside collection on Cortes Island.
Community-Wide Solid Waste Actions Proposed for 2019	
	Continue the curbside recycling program on Cortes Island.
	Continue participation in the Comox Strathcona Regional Solid Waste Committee.
	Continue with Sayward Valley annual cleanup and residential waste pick-up. After annual cleanup recyclable items are diverted to the recyclable waste system.

<b>Corporate Solid Waste Actions Taken in 2018</b>	
	Corporate Office reduces waste by recycling organic and coffee waste produced during office hours.
<b>Corporate Solid Waste Actions Proposed for 2019</b>	
	Improvements to Bylaw No. 912 to accurately bill non-residential disposers of solid waste on Cortes Island – Electoral Area B. The proposed amendments will enhance the efficiency of the commercial solid waste disposal service.
<b>Solid Waste</b>	
<b>Does your local government have construction and demolition waste reduction policies, plans or programs?</b>	<b>No</b>
<b>Does your local government have organics reduction/diversion policies, plans or programs?</b>	<b>No</b>

## 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.

<b>Community-Wide Transportation Actions Taken in 2018</b>	
	500 meters of new multi use trail on Cortes Island constructed.
	150 meters of new multi use trail on Quadra Island constructed.
<b>Community-Wide Transportation Actions Proposed for 2019</b>	
	Complete 700 meters of multi use trail on Quadra Island in Quathiaski Cove.
	Investigating transportation options for Gold River area, Tsaxana.
	Implementation of options identified in the Cortes transportation study.

<b>Corporate Transportation Actions Taken in 2018</b>	
	Continued promotion of alternative transport modes such as the Bike to Work week program and car-pooling amongst staff.
<b>Corporate Transportation - Actions Proposed for 2019</b>	
	Continued promotion of alternative transport modes such as the Bike to Work week program and car-pooling amongst staff.

<b>Transportation</b>	
<b>Does your local government have policies, plans or programs to support:</b> <ul style="list-style-type: none"> <li>• Walking</li> <li>• Cycling</li> <li>• Transit Use</li> <li>• Electric Vehicle Use</li> <li>• Other (please specify)</li> </ul>	Yes Yes Yes Yes Yes
<b>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>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>Community-Wide Water and Wastewater Actions Taken in 2018</b>	
	Construction completion of the Quathiaski Sewer System Extension to include 43 additional properties.
	Begin a water conservation education program in Electoral Area D.
<b>Community-Wide Water and Wastewater Actions Proposed for 2019</b>	
	Conduct a feasibility study and condition assessment of the water distribution system in Electoral Area D.
	Complete a water demand management plan for Electoral Area D.
	Completion of Quathiaski Sewer System upgrades (generator, lift station, flowmeter)
	Conduct a feasibility study and condition assessment of the water distribution system in Electoral Area C.
	2 new water quality sampling stations for Area D distribution system

<b>Corporate Water and Wastewater Actions Taken in 2018 + Additional Actions</b>	
	None
<b>Corporate Water and Wastewater Actions Proposed for 2019</b>	
	None

<b>Water Conservation</b>	
<b>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>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>• Increased temperatures increasing wildfire activity</li> <li>• Sea level rise and storms causing coastal flooding and/or erosion</li> </ul>	
Other (please specify):	
<b>In 2018 has your local government addressed the impacts of a changing climate using any of the following?</b>	
Risk and Vulnerability Assessments	No
Risk Reduction Strategies	No
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	No
Research	Yes
Mapping	Yes
Partnerships	Yes
Other (please specify):	

<b>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.
	Completed Oyster River trail restoration and built up surface to reduce impacts from future flooding.
	Assessed the condition of the Glenmore Dike and associated flood mitigation structures and developed an upgrade plan.
<b>Climate Change Adaptation Actions Proposed for 2019</b>	
	Updated Floodplain mapping for the Oyster River.
	Issued RFP to design Glenmore Dike upgrades.
	Assess and plan for mitigation of tidal erosion issues at Granite Bay and Esplanade Parks
<b>For more information please contact</b>	

<b>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?</b>	
<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 Not Useful Not Useful Haven't Used /Useful Haven't Used Useful Useful Useful Haven't Used /Useful Haven't Used Haven't Used Haven't Used /Useful  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.

Community-Wide Other Actions Taken in 2018	
<input type="checkbox"/>	None
<input type="checkbox"/>	
Corporate Other Actions Taken in 2018	
<input type="checkbox"/>	None
<input type="checkbox"/>	

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

## INNOVATION AND PEER-TO-PEER LEARNING

### Innovation

This section provides the opportunity to showcase an innovative *Corporate and/or Community-Wide* GHG reduction and/or climate change adaptation activity that your local government has undertaken and that has had, or has the potential to have, a significant impact. You are welcome to 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>Community-Wide Innovation Action</b>
<b>Corporate Innovation Action</b>
<b>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

<b>Mitigation Programs, Partnerships and Funding</b>
UBCM Strategic Priorities Fun (gas tax) EMBC Flood Protection Program

#### Adaptation

<b>Adaptation Programs, Partnerships and Funding</b>

## 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

Did your local government measure corporate GHG emissions for 2018?	Yes
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)	817.06
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)	91.08
<b>TOTAL A: CORPORATE GHG EMISSIONS FOR 2018 (Direct GHGs + Contracted GHGs)</b>	<b>908.14 tCO<sub>2</sub>e</b>

## 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:

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

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:

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

**Offsets**

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.*

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

**TOTAL REDUCTIONS AND OFFSETS FOR 2018 (Total B+C+D) = \_\_\_\_\_ 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 offsetable 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 2018 = (A – (B+C+D)) = 908.14 tCO<sub>2</sub>e**

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

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>BALANCE OF REDUCTIONS ELIGIBLE FOR CARRY OVER TO NEXT YEAR</b>	<b>tCO<sub>2</sub>e</b>

Carbon Neutral Reporting	
<b>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.

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

**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>