

## 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:**

The District of Summerland

**Report Submitted by:**

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**Date:**

June 1, 2018



The District of Summerland 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.

<b>Community-Wide Actions Taken in 2017</b>	
	Form a Community Climate Action Advisory Committee responsible for advising Council on progress towards meeting Summerland's climate action goals as described in the OCP and Community Climate Action Plan
	Joined FCM's Partners for Climate Protection Program
	Implementation of OCP policies around growing compact and diverse neighbourhoods, several infill one and two lot subdivisions in 2017 within existing neighbourhoods as well as additional secondary suites and carriage homes
	Council approved amendments to the Zoning Bylaw to allow more properties within existing neighbourhoods to add secondary suites and carriage homes
<b>Community-Wide Actions Proposed for 2018</b>	
	Update Community Climate Action Plan
	Consult community and industry members on implementation of the BC Energy Step Code
	Conduct a Housing Strategy which includes guidance around the implementation of land use policy and infrastructure investment around smart growth principles
	Additional amendments to the zoning bylaw proposed in 2018 to extend the allowances for secondary suites and carriage homes in neighbourhoods
	Bring forward a new Building Bylaw that includes components of Step Code for Council to consider

<b>Corporate Actions Taken in 2017</b>	
	Form a Corporate Climate Action Team responsible for taking action to assist the District in becoming carbon neutral in operations
	Join FCM's Climate & Asset Management Network
	Continue with the preparation of an Integrated Asset Management and Infrastructure Investment Plan
	Join the Billion Dollar Green Challenge and commit to developing a Green Revolving Fund
<b>Corporate Actions Proposed for 2018</b>	
	Finalize Summerland's Green Revolving Fund
	Integrate climate action considerations into asset management policy and framework
	Update Corporate Energy and Emissions Inventory & Climate Action Plan
	Complete Parks & Recreation Master Plan. The Plan includes a section on Climate Change, integrates Summerland's Community Climate Action Plan throughout document and considers recommendations which support GHG emission reductions and energy efficiencies.
	Community Development Coordinator will propose an urban design plan is undertaken for the

	campus of the Arts & Cultural Centre and Museum, which includes xeriscaping, a solar demonstration site, and other climate action considerations
	Complete the Integrated Asset Management and Infrastructure Investment Plan
	Electrical Utility Master Plan Update
	Complete a Cycling Network Master Plan

Broad Planning	
What is (are) your current GHG reduction target(s)?	<b>(Please provide details here)</b> 33 percent below 2007 levels by the year 2020; and 80 percent below 2007 levels by the year 2050
Are you familiar with your community's community energy and emissions inventory (e.g. CEEI or another inventory)?	Yes/No
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 (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>	Yes/No Yes/No Yes/No Yes/No Yes/No Yes/No Yes/No
Does your local government have a corporate GHG reduction plan?	Yes/No

## 2017 BUILDING AND LIGHTING ACTIONS

### Building and Lighting Actions

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

Community-Wide Actions Taken in 2017	
	Partner with FortisBC to provide information about energy efficiency rebates and programs to residents through direct mail, leaflets at utility cashier desk, and through word of mouth following a staff training exercise
Community-Wide Actions Proposed for 2018	
	Create an energy efficiency awareness program for residents and businesses, and explore incentives to reduce consumption

<b>Corporate Actions Taken in 2017</b>	
	Fire Dept. – New exterior LED (building / yard) lighting was installed at the fire department training facility; Replaced six truck bay fluorescent lighting units with new LED units ; Halogen lights located on the light tower of the rescue truck were replaced with LED units.
	LED lights installed in Arena
	REALice® installed in Arena (water treatment device for ice arenas to remove micro-air bubbles from water that is used when laying and resurfacing the ice. This high precision de-aeration makes it possible to flood the ice with unheated water to create hard & resilient ice, lower utility costs and humidity in the arena)
	Christmas Light upgrades – replace old decorations with LED decorations (year 1 of 3 to replace all decorations)
	Works & Utilities office roof repairs to improve efficiency
<b>Corporate Actions Proposed for 2018</b>	
	Fire Dept. – Replace 5 truck bay fluorescent lighting units with new LED units
	Ongoing light replacement program in Aquatic Centre with low energy lights
	Complete Aquatic Centre facility condition assessment which will include building energy efficiencies
	Full lighting audit and business case for upgrading indoor and outdoor lighting at all District-owned buildings
	Renovation plans for the Arts & Cultural Centre will include energy efficient lighting upgrades, as well as preparing the building to be solar ready in case it is decided that the building could house a demonstration solar project
	Complete LED Streetlight retrofit project (~920 fixtures to be converted)
	New, more efficient building for Peach Orchard Lift Station
	Christmas Light upgrades – replace old decorations with LED decorations (year 2 of 3 to replace all decorations)
	Replacement of HVAC units at Municipal Hall, Museum and Works & Utilities Office
	Replacement of hot water system at the Works & Utilities Office

<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	
Is your local government aware of the BC Energy Step Code?	Yes/No
Is your local government implementing the BC Energy Step Code?	Yes/No

## 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.

<b>Community-Wide Actions Taken in 2017</b>	
	Began updating net metering program to reduce costs and administrative burden to customers
<b>Community-Wide Actions Proposed for 2018</b>	
	Complete update to energy-self generation program for residents and businesses

<b>Corporate Actions Taken in 2017</b>	
	Started feasibility and associated studies for a Summerland Integrated Solar Project
	Applied for & received capital funding for 1MW solar + 2MW battery storage project
<b>Corporate Actions Proposed for 2018</b>	
	Completion of feasibility and associated studies for Summerland Integrated Solar Project
	Design and construction of Summerland Integrated Solar Project

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

## 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.

<b>Community-Wide Actions Taken in 2017</b>
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	Earth Day plantings (Adams Bird Sanctuary)
	Dedication of a new natural park specifically for the preservation of a rare cottonwood woodland area home to several bird species including wood peckers
	Continued program supported by the OCP for Development Permits for Environmentally Sensitive Areas and Riparian Areas in the community
<b>Community-Wide Actions Proposed for 2018</b>	
	Earth Day plantings (Adams Bird Sanctuary)
	If successful in obtaining an Urban Space Planning grant for the Arts & Cultural Campus, modifications to the current landscaping will include the removal of an overgrown juniper hedge and a transition to a low-growing water-wise planting which can be used for educational purposes. The area could be used to showcase the principles of “Slow it, spread it, sink it” as promoted by OBWB. This would entail using permeable surfaces to replace paved pathways and educational signage explaining how these methods are important in this climate to prevent the damage (erosion and flooding) from runoff.
	Continued program supported by the OCP for Development Permits for Environmentally Sensitive Areas and Riparian Areas in the community

<b>Corporate Actions Taken in 2017</b>	
	Preparation of the Giants Head Mountain Trails Master Plan to enhance the trail network and decommission some existing trails to limit environmental impact and erosion
<b>Corporate Actions Proposed for 2018</b>	
	Repairs of areas affected by the 2017 floods such as dock repairs at Rotary Beach; asphalt pathway repairs at Peach Orchard Beach, Rotary Beach and Powell Beach
	Design and construction of Giants Head Mountain Trails Master Plan to enhance the trail network and decommission some existing trails to limit environmental impact and erosion
	Redo landscaping around Municipal Hall with local, drought-tolerant plants and use as an educational tool for residents about water-wise and non-invasive gardening

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

## 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.

<b>Community-Wide Actions Taken in 2017</b>	
	Continued implementing action items from PPP Contamination Operation Plan to reduce the

	amount of contamination occurring in curbside recycling
	Hosted full slate of Waste Reduction Week activities
	Received 50+ new beverage container recycling bins to place throughout community and in District facilities
<b>Community-Wide Actions Proposed for 2018</b>	
	Transition curbside collection to automated collection for curbside solid waste, yard waste and recycling via carts, eliminating blue bags from waste stream
	Hire summer student Recycling Ambassadors to promote waste reduction and recycling
	Design and construction of landfill liner expansion
	Host a Household Hazardous Waste & Recycling Roundup

<b>Corporate Actions Taken in 2017</b>	
	Paper and bottle recycling added in recreation facilities
<b>Corporate Actions Proposed for 2018</b>	
	Expand recycling infrastructure in District facilities, including outdoor spaces
	Hire a solid waste manager

<b>Solid Waste</b>	
Does your local government have construction and demolition waste reduction policies, plans or programs?	<b>Yes/No</b>
Does your local government have organics reduction/diversion policies, plans or programs?	<b>Yes/No</b>

## 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.

<b>Community -Wide Actions Taken in 2017</b>	
	Completed the Jones Flat & Garnet Valley Water System Separation project which includes the addition of bike lanes along Garnet Valley Road
	Started detailed design for Giants Head Road Upgrades which include reconstructing Giants Head Road from Harris Road to Hillborn Road and extending an asphalt bike lane for this section or including bike lanes adjacent to the new roadway
	Promote Bike to Work Week, Commuter Challenge, and Carpool.ca.
<b>Community-Wide Actions Proposed for 2018</b>	
	Completion of the detailed design for Giants Head Road Upgrades which include reconstructing Giants Head Road from Harris Road to Hillborn Road and extending an asphalt bike lane for this section or including bike lanes adjacent to the new roadway
	Preparation of a Capital Prioritization Plan for roadway improvements



	Hire B2WW Coordinator
	Promote Bike to Work Week, Commuter Challenge, and Carpool.ca
	Grant application to CycleBC for the development of a Cycling Network Plan for Summerland

<b>Corporate Actions Taken in 2017</b>	
	Promote carpooling and active transportation to staff
<b>Corporate Actions Proposed for 2018</b>	
	Green Fleet Study
	Provide additional cycling infrastructure for staff (e.g., bike lockers)
	Promote Go By Bike Week to staff via a challenge

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

## 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.

<b>Community-Wide Actions Taken in 2017</b>	
	Completed the Jones Flat & Garnet Valley Water System Separation project which separated the domestic and irrigation systems
<b>Community-Wide Actions Proposed for 2018</b>	
	Complete the WWTP Upgrades which includes the addition of grit removal and installation of new filters
	Complete the preliminary design of new water pump station from Okanagan Lake which may allow irrigation water in Trout Creek to be separated from treated domestic system
	Update the Water Master Plan

<b>Corporate Actions Taken in 2017</b>	
	Started the WWTP Upgrades which includes the addition of grit removal and installation of new filters
	Continued with the design for the Trout Creek Flume and Water Intake Structure
	Designed new WTP raw water isolation valves
<b>Corporate Actions Proposed for 2018</b>	
	WWTP – replacement of HVAC unit in filter building
	Complete the design for the Trout Creek Flume and Water Intake Structure
	Complete the installation of new WTP raw water isolation valves
	Complete a WWTP Facility Audit

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

## 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.

<b>Please identify the THREE climate impacts that are most relevant to your Local Government.</b>	
<ul style="list-style-type: none"> <li>• Warmer winter temperatures reducing snowpack</li> <li>• Changes to temperature and precipitation causing seasonal drought</li> <li>• Heatwaves impacting population health</li> <li>• Increased temperatures increasing wildfire activity</li> <li>• Increased temperatures affecting air quality</li> <li>• Changing temperatures influencing species migration and ecosystem shifts</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>	<p>X</p> <p>X</p> <p>X</p>
Other:	

<b>In 2017 has your local government addressed the impacts of a changing climate using any of the following?</b>	
Risk and Vulnerability Assessments	<b>Yes/No</b>
Risk Reduction Strategies	<b>Yes/No</b>

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	Yes/No
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	Yes/No
Incentives for property owner (e.g. reducing storm water run-off)	Yes/No
Public education and awareness	Yes/No
Research	Yes/No
Mapping	Yes/No
Partnerships	Yes/No
Other:	

<b>Climate Change Adaptation Actions Taken in 2017</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"/>	Join Climate & Asset Management Network
<b>Climate Change Adaptation Actions Proposed for 2018</b>	
<input type="checkbox"/>	Subdivision & Development Servicing Bylaw update and amendments
<b>For more information please contact:</b>	
<input type="checkbox"/>	Tami Rothery, Sustainability / Alternative Energy Coordinator <a href="mailto:climate.action@summerland.ca">climate.action@summerland.ca</a>

<p>The following are key resources that may be helpful to your local government in identifying climate impacts, as well as, strategies, actions and funding to deal with them. For those resources that you have used, please indicate whether they were useful in advancing your work in climate change adaptation?</p>	
<p><a href="#">Indicators of Climate Change for British Columbia, 2016</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: An Implementation Guide for Local Governments</a>  <a href="#">The Public Infrastructure and Engineering Vulnerability Committee's (PIEVC) protocol</a>  <a href="#">Sea Level Rise Primer</a>  <a href="#">BC Regional Adaptation Collaborative Webinars</a>  <a href="#">www.ReTooling.ca</a>  <a href="#">Water Balance Model</a>  <a href="#">The Water Conservation Calculator</a></p> <p>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></p>	<p>Haven't Used /Useful/Not Useful  Haven't Used /Useful/Not Useful</p>
<p><b>Other:</b></p>	

## 2017 OTHER CLIMATE ACTIONS

### Other Climate Actions

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

<b>Community-Wide Actions Taken in 2017</b>	
	Support Earth Week Celebrations and other community-driven events related to sustainability and alternative energy
<b>Community-Wide Actions Proposed for 2018</b>	
	Creating greater resiliency by community organizations working across sectors to build shared social infrastructure will be encouraged by group workshops delivered in 2018 that will introduce new working relationships

<b>Corporate Actions Taken in 2017</b>	
<b>Corporate Actions Proposed for 2017</b>	

<b>Other</b>	
Are you familiar with the <a href="#">Community Lifecycle Infrastructure Costing Tool (CLIC)</a> ?	<b>Yes/No</b>
Have you used CLIC?	<b>Yes/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 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](#).

<b>Community-Wide Action</b>
<p>For more information contact:</p>

**Corporate Action**

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**

FCM’s Partners for Climate Protection Program  
BC Rural Dividend Program

**Adaptation**

**Programs and Funding**

FCM’s Climate & Asset Management Network

**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?	<b>Yes/No</b>
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:	1031
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:	82
<b>TOTAL A: CORPORATE GHG EMISSIONS FOR 2017</b>	<b>1113 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 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 (tCO<sub>2</sub>e)) being claimed from Option 1 GHG Reduction Projects:**

OPTION 1 PROJECTS	REDUCTIONS
Energy Efficient Retrofits	
Solar Thermal	
Household Organic Waste Composting	
Low Emission Vehicles	
Avoided Forest Conversion	

<b>TOTAL B: REDUCTIONS FROM OPTION 1 PROJECTS FOR 2017</b>	<b>tCO2e</b>
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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:

<b>OPTION 2 PROJECT NAME</b>	<b>REDUCTIONS</b>
<b>TOTAL C: REDUCTIONS FROM OPTION 2 PROJECTS FOR 2017</b>	<b>tCO2e</b>

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)

<b>OFFSET PROVIDER NAME</b>	<b>OFFSETS</b>
<b>TOTAL D: OFFSETS PURCHASED FOR 2017</b>	<b>tCO2e</b>

**TOTAL REDUCTIONS AND OFFSETS FOR 2017 (Total B+C+D) = 0 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)) = 1113 tCO<sub>2</sub>e**

**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 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	
Does your local government have a climate reserve fund or something similar?	<b>Yes/No</b>

## 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:**

<b>PROJECT NAME:</b>
<b>Summerland Green Revolving Fund</b>

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

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