

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

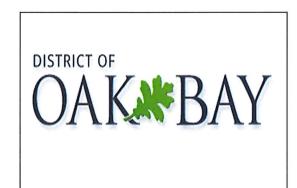
**Local Government:** 

Report Submitted by: Name: Debbie Carter

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The District of Oak Bay 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.

Q 6	Q 6 + Q 7 Community-Wide Broad Planning Actions Taken in 2018 + Additional Actions		
	Worked towards goals and targets contained in the Oak Bay Climate Change Task Force: Final		
	Report <a href="https://www.oakbay.ca/sites/default/files/municipal-">https://www.oakbay.ca/sites/default/files/municipal-</a>		
	hall/Reports/CCTF%20Final%20Report.pdf		
	Worked toward goals identified in Oak Bay Urban Forest Management Strategy.		
	https://www.oakbay.ca/municipal-hall/plans-reports/sustainability		
	Worked towards the recommended policies and actions that are contained within the Climate		
	Change and Energy sections of the Official Community Plan (OCP)		
	https://www.oakbay.ca/sites/default/files/ocp/2014/OakBay-OCP-Final-Website-dec0414.pdf		
QE	Community-Wide Broad Planning Actions Proposed for 2019		
	Oak Bay will continue to work towards the recommended goals and targets that are outlined in		
	the documents listed above.		

Q 9	Q 9 + Q 10 Corporate Broad Planning Actions Taken in 2018 + Additional Actions		
	Worked to capture conservation savings identified in the Strategic Energy Management Plan		
	(SEMP). Projects under taken in 2018 helped to put Oak Bay ahead of our conservation goals.		
	https://www.oakbay.ca/sites/default/files/municipal-hall/staff-reports/SEMP%20signed%202.pdf		
	New storm management system strategy including covenant.		
	A feasibility study was completed at Rec Centre for a solar PV system.		
Q1	1 Corporate Broad Planning Actions Proposed for 2019		
	Update Strategic Energy Management Plan for 2019/20		
	Work with energy manager to achieve conservation and energy reduction targets.		



Broad Planning		
Q 12 What is (are) your 33% reduction over 2007 levels by 2020		
current GHG reduction		
target(s)?		
O 13 Are you familiar with your	local government's community energy and emissions	Yes
inventory (e.g. <u>CEEI</u> or another i		
	delines govern the implementation of climate mitigation	
in your community?		Yes
,	Emissions Plan Strategic Energy Management Plan (SEMP)	No
<ul> <li>Integrated Community S</li> </ul>		
<ul> <li>Community- Wide Clima</li> </ul>	te Action Plan	Yes
<ul> <li>Official Community Plan</li> </ul>		Yes
<ul> <li>Regional Growth Strateg</li> </ul>	y Tied in to CRD plan	Yes
<ul> <li>Do not have a plan</li> </ul>		
Other:		
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.

Q1	Q 16 + Q 17 Community-Wide Building and Lighting Actions Taken in 2018 + Additional Actions		
	Worked towards incorporating the recommendations within the OCP.		
	Encouraged the use of low flow showers for apartment buildings.		
	New developments encouraged to follow green building practices.		
Q1	8 Community-Wide Building and Lighting Actions Proposed for 2019		
	Continue working towards incorporating the recommendations within the OCP.		
	New developments will continue to be encouraged to follow green building practices.		
	Continue to encourage the use of low flow showers for apartment buildings.		

Q	Q 19 + Q 20 Corporate Building and Lighting Actions Taken in 2018 + Additional Actions	
	Continuous optimization Program at the Rec Centre.	
	LED lighting upgrade for both tennis bubbles	



	LED lighting upgrade for swimming pool overhead lights
Q2	1 Corporate Building and Lighting Actions Proposed for 2019
	LED street lighting, the third and final phase of converting Oak Bay to all LED street lights.
	Henderson Gym overhead light retrofit to LED
	Rec Centre pool change room retrofit to LED

#### **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

Q 22 Is your local government aware of the BC Energy Step Code?	Yes
Q 23 Is your local government implementing the BC Energy Step Code?	Yes

## **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.

Q2	Q 24 + Q 25 Community-Wide Energy Generation Actions Taken in 2018 + Additional Actions		
Q2	26 Community-Wide Energy Generation Actions Proposed for 2019		



Q2	Q 27 + Q 28 Corporate Energy Generation Actions Taken in 2018 + Additional Actions		
	Continue to operate and maintain 144 panel solar thermal system at the Oak Bay Rec Centre.		
	Continue to operate and maintain energy recovery water heating system at Rec Centre.		
	A feasibility study was completed at Rec Centre for a solar PV system.		
Q 2	Q 29 Corporate Energy Generation Actions Proposed for 2019		
	Heat Reclaim/Energy loop was installed at the Rec Centre earlier this year and will be coming on		
	line in stages over the first few months of 2019. This will dramatically reduce natural gas		
	consumption and GHG emission for the Rec Centre and tennis bubbles.		
	Seeking funding for solar PV system for Rec centre		

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

# 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.

Q3	Q 34 + Q 36 Community-Wide Greenspace Actions Taken in 2018 + Additional Actions (Q 35 below Q	
41)		
	Worked toward goal in the Urban Forest Strategy. Example move from 33% canopy coverage to	
	40% over the next 15 years.	
	Invasive species removal with the help of three year grant. This is the last year on the grant.	
	Worked with various citizens groups on park initiatives.	
	Held 169 public events with citizen groups related to park initiatives.	
	Restoration project for Uplands park, last year of grant.	
Q3	7 Community-Wide Greenspace Actions Proposed for 2019	
	Oak Bay will continue to work towards goals in the new Urban Forest Strategy.	
	More public events with citizen groups to advance park initiatives.	
	Invasive species removal will continue, however the funding has not been confirmed at this time.	

Q3	Q 38 + Q 39 Corporate Greenspace Actions Taken in 2018 + Additional Actions		
	Continued with upgrades to boulevard sprinkler network to water saving and more efficient		
	sprinkler heads.		
Q 4	O Corporate Greenspace Actions Proposed for 2019		
	Sprinkler heads change out will continue in 2019.		

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



# **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.

Q4	2 + Q 43 Community-Wide Solid Waste Actions Taken in 2018 + Additional Actions
Q4	14 Community-Wide Solid Waste Actions Proposed for 2019
Q	15 + Q 46 Corporate Solid Waste Actions Taken in 2018 + Additional Actions
	Operate community recycling facility.
Q	47 Corporate Solid Waste Actions Proposed for 2019
	Continue to operate community recycling facility.
,	

Solid Waste	
Q 48 Does your local government have construction and demolition waste reduction	No
policies, plans or programs?	
Q 49 Does your local government have organics reduction/diversion policies, plans or	Yes
programs?	

# **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		
	Bike to Work Week: Employee/Employer participation	
Q5	2 Community-Wide Transportation Actions Proposed for 2019	
	Bike to Work Week: Employee/Employer participation	

Q5	Q 53 + Q 54 Corporate Transportation Actions Taken in 2018 + Additional Actions		
	Maintain two bicycle repair stations.		
	Sidewalk widening continued were possible.		
	Solar powered crosswalks installed throughout Oak Bay. Brighton & Foul Bay crosswalk.		
	Wheelchair drops in sidewalks continued to be installed.		
	Added North/South bound and West/East bound bike lanes on Cadboro Bay Road between Foul		
	Bay Road and Bowker.		
	Developer undertakes sidewalk widening with subdivisions /large development.		
Q5	5 Corporate Transportation - Actions Proposed for 2019		
	Wheelchair drops in sidewalks will continue to be installed.		
	Sidewalk widening will continue were possible.		
	Installed new bus shelter on Cadboro Bay Road by Willows School.		
	Exploring options for expanding bike lanes and reviewing a proposed design for the bike lane		
	extensions on Cadboro Bay Road from Bowker to Lansdowne Road.		
	New Solar powered cross walk at Canarvon and Cadboro Bay Road.		
	Developer undertakes sidewalk widening with subdivisions /large development.		

Transportation	
Q 56 Does your local government have policies, plans or programs to support:	
Walking	Yes
• Cycling	Yes
Transit Use	Yes



Electric Vehicle Use	Yes
<ul> <li>Other (please specify)</li> </ul>	No
Q 57 Does your local government have a Transportation Demand Management (TDM)	No
strategy (e.g. to reduce single-vehicle occupancy trips, increase travel options, provide	
incentives to encourage individuals to modify travel behaviour)?	
Q 58 Does your local government integrate its transportation and land use planning?	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.

	59 + Q 60 Community-Wide Water and Wastewater Actions Taken in 2018 + Additional Actions
	Encourage rain gardens where feasible.
2 (	61 Community-Wide Water and Wastewater Actions Proposed for 2019

Q 6	Q 62 + Q 63 Corporate Water and Wastewater Actions Taken in 2018 + Additional Actions		
	Enforced separation of combined systems.		
	Encourage use of engineered waste and storm water systems.		
	Promote and enable storm water management systems when no storm main available.		
	Uplands combined sewer separation project design stage.		
	On boulevards will permit low ground cover instead of grass to reduce energy spent on		
	maintenance i.e. no mowing, no irrigation.		
	New water main installed (Lansdowne/Westdowne/Henderson) will provide additional water		
	distribution to increase resiliency and support the goal for safe drinking water and reliable		
	firefighting capability.		
	Oak Bay Council endorsed a water conservation policy in July of 2018.		
	Interception and Infiltration program with CRD.		
Q6	4 Corporate Water and Wastewater Actions Proposed for 2019		
	Continue with enforcement for the separation of combined systems.		
	Encourage use of engineered waste and storm water systems.		
	Promote and enable storm water management systems when no storm main available.		



Continue involvement with CRD on Interception and Infiltration Program.

Ongoing requirement to separate waste and storm water systems with renovations.

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

# **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.

Q 66 Please identify the THREE climate impacts that are most relevant to your Local Go	overnment.
Warmer winter temperatures reducing snowpack	
<ul> <li>Changes to temperature and precipitation causing seasonal drought</li> </ul>	
<ul> <li>Heatwaves impacting population health</li> </ul>	
<ul> <li>Increased temperatures increasing wildfire activity</li> </ul>	
<ul> <li>Increased temperatures affecting air quality</li> </ul>	
<ul> <li>Changing temperatures influencing species migration and ecosystem shifts</li> </ul>	1
<ul> <li>Changing temperatures influencing ecosystem shifts</li> </ul>	1
<ul> <li>Extreme weather events contributing to urban and overland flooding</li> </ul>	1
<ul> <li>Sea level rise and storms causing coastal flooding and/or erosion</li> </ul>	
Other (please specify):	
Q 67 In 2018 has your local government addressed the impacts of a changing climate u	ising any of
the following?	,
	No
Risk and Vulnerability Assessments	No
Risk Reduction Strategies	
Emergency Response Planning	No
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	No
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)	Yes
Public Education and Awareness	Yes
	No
Research	



Mapping	No
Partnerships	No
Other (please specify):	

QE	8 Climate Change Adaptation Actions Taken in 2018	
Ple	ase 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.	
	Official Community Plan (OCP) <a href="https://www.oakbay.ca/sites/default/files/ocp/2014/OakBay-">https://www.oakbay.ca/sites/default/files/ocp/2014/OakBay-</a>	
	OCP-Final-Website-dec0414.pdf	
	Oak Bay Climate Change Task Force: Final Report	
	https://www.oakbay.ca/sites/default/files/municipal-hall/Reports/CCTF%20Final%20Report.pdf	
Q	9 Climate Change Adaptation Actions Proposed for 2019	
	Continue to work towards goals and targets identified in OCP and the Climate Change Task Force:	
	Final Report.	
Q 70 For more information please contact		
	·	



Q 71. The following are key resources that may be helpful to your local government	t in identifying climate impacts, as	
well as, strategies, actions and funding to deal with them. For those resources that	you have used, please indicate	
whether they were useful in advancing your work in climate change adaptation?		
Indicators of Climate Change for British Columbia	Haven't Used	
<u>Plan2Adapt</u>	Useful	
Climate Projections for Metro Vancouver	Haven't Used	
Climate Projections for the Capital Region	Useful	
Climate Projections for the Cowichan Valley Regional District	Haven't Used	
Province of BC's BC Adapts Video Series	Haven't Used	
Preparing for Climate Change: Implementation Guide for Local Governments	Useful	
Public Infrastructure and Engineering Vulnerability Committee's (PIEVC)	Useful	
Sea Level Rise Adaptation Primer	Haven't Used	
BC Regional Adaptation Collaborative Webinars	Haven't Used	
Retooling for Climate Change	Useful	
Water Balance Model	Haven't Used	
Water Conservation Calculator	Haven't Used	
Funding:		
National Disaster Mitigation Program (NDMP)	Haven't Used	
Community Emergency Preparedness Fund (CEPF)	Haven't Used	
Municipalities for Climate Innovation Program (MCIP)	Haven't Used	
Climate Adaptation Partner Grants (FCM)	Haven't Used	
Infrastructure Planning Grants (MAH)	Haven't Used	
Federal Gas Tax Fund	Useful	
Other (please specify)		

# **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.

Q7	'2 Community-Wide Other Actions Taken in 2018
	Oak Bay is now promoting 100% compostable events. Example Oak Bay Tea Party.
Q7	'3 Corporate Other Actions Taken in 2018
	100% compostable events will continue in 2019.



Other	
Q 74 Are you familiar with the Community Lifecycle Infrastructure Costing Tool (CLIC)?	No
Q 75 Is your local government using the <u>CLIC</u> 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 <u>B.C. Climate Action Toolkit</u> 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 <u>CEA's Climate and Energy Action Awards</u>, <u>FCM Sustainable Communities Awards</u> or to <u>FCM's National Measures Report</u>.

#### Q 76 Community-Wide Innovation Action

#### Q 77 Corporate Innovation Action

Oak Bay's ice rink operates a REALice ice making system. This technology allows the arena ice to be made and maintained, using cold water and a warmer ice slab temperature. The savings on both natural gas and electricity are impressive and are now saving more than 40 tonnes of GHG per year.

The Energy recovery loop that was installed at the Oak Bay Rec Centre in early 2019, will capture waste heat from the ice making plant and repurpose it for other heating purposes in the complex. This will greatly reduce natural gas consumption and the GHG that are associated with its use.

#### Q 78 For more information on actions described above contact

jpearson@oakbay.ca or kolson.emc@gmail.com



## **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
Re-Green Grant – BC Hydro.
BC Hydro Incentive Program.
Federal Gas Tax Fund.
Clean Water and Waste Grant.
Habitat Stewardship Program (HSP).

#### Adaptation

Q 80 Adaptation Programs, Partnerships and Funding	

## **2018 CARBON NEUTRAL REPORTING**

Local governments are required to report on their progress in achieving their carbon neutral goal under the <u>B.C. Climate Action Charter</u>. 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 <u>B.C. Climate Action Toolkit website</u>, especially the <u>Workbook</u> and <u>Becoming Carbon Neutral</u>: A <u>Guide for Local Governments in British Columbia</u>.



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	980.22
by your local government (in tonnes of carbon dioxide equivalent)	
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)	97.3
Q 84 TOTAL A: CORPORATE GHG EMISSIONS FOR 2018 (Direct GHGs + Contracted GHGs)	1077.52 tCO2e

## **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 (tCO2e)) being claimed from any of the following Option 1 GHG Reduction Projects:

OPTION 1 PROJECTS	REDUCTIONS
Q 85 Household Organic Waste Composting	286.4
Q 86 Yard waste diversion and composting	683.6
No Dig technology pipe lining	192.5
Q 87 Organic Waste Diversion Project Profile from the Industrial – Commercial	192.3



Q 88 Low Emission Vehicles (in tonnes of carbon dioxide equivalent (tCO2e))	
Q 89 Avoided Forest Conversion (in tonnes of carbon dioxide equivalent (tCO2e))	
Q 90 TOTAL B: REDUCTIONS FROM ALL OPTION 1 PROJECTS FOR 2018	1354.8 tCO2e

Q 91 If applicable, please report the names and 2018 GHG emissions reductions (in tonnes of carbon dioxide equivalent (tCO2e)) being claimed from Option 2 GHG Reduction Projects:

Option 2 Project Name	REDUCTIONS
Option 2 GHGs Reduced (tCO2e)	
Option 2 Project Name	
Option 2 GHGs Reduced (tCO2e)	
Option 2 Project Name	
Option 2 GHGs Reduced (tCO2e)	
Q 92 TOTAL C: REDUCTIONS FROM ALL OPTION 2 PROJECTS FOR 2018	0 tCO2e

#### 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 (tCO2e)) 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 (tCO2e)	
Offset Provider Name	
Offsets (tCO2e)	



Q 94 TOTAL D: OFFSETS PURCHASED FOR 2018	0 tCO2e

Q 95 TOTAL REDUCTIONS AND OFFSETS FOR 2018 (Total B+C+D) = \_\_\_\_\_1354.8\_\_\_\_\_\_ tCO2e

## **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.

Q 96 CORPORATE GHG EMISSIONS BALANCE FOR 2018 = (A – (B+C+D)) = \_\_\_\_-277.28\_\_\_\_\_\_ tCO2e

# 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 tCO2e)

SOURCE OF CARRY OVER EMISSION REDUCTIONS (and year earned)	REDUCTIONS
Organic diversion 2017	14.3
Organic diversion 2018	277.28
Q 98 BALANCE OF REDUCTIONS ELIGIBLE FOR CARRY OVER TO NEXT YEAR	291.58 tCO2e

Carbon Neutral Reporting	
Q 99 Does your local government set aside funds in a climate reserve fund or	Yes
similar?	

## 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:

Level 1 – Demonstrating Progress on Charter Commitments	
Level 2 – Measuring GHG Emissions	
Level 3 – Accelerating Progress on Charter Commitments	
Level 4 - Achievement of Carbon Neutrality	✓
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:

PROJECT NAME:	