

Climate Action Revenue Incentive (CARIP) Public Report for 2016

Regional District of Nanaimo

Report Submitted by:

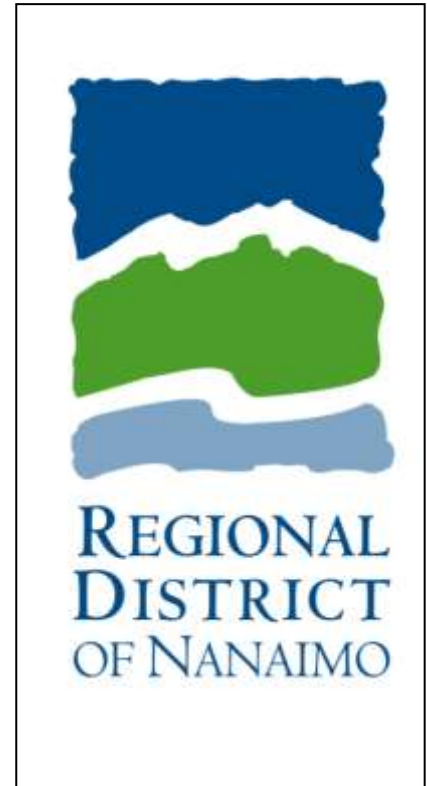
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The Regional District of Nanaimo has completed the 2016 Climate Action Revenue Incentive Program (CARIP) Public Report as required by the Province of BC. The CARIP report summarizes actions taken in 2016 and proposed for 2017 to reduce corporate and community-wide energy consumption and greenhouse gas emissions (GHG) and reports on progress towards achieving carbon neutrality.

2016 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.

Community-Wide Actions Taken in 2016	
	Implement RDN Land Use and Subdivision Bylaw No. 500.396 and RDN Area F Zoning Subdivision Bylaw No. 1285.22 to remove regulatory barriers to green building features, systems and technologies.
	Continuation of Green Building Incentives and the RDN's green building workshop series. In 2016 \$46,470 in green building incentives and rebates. The green building incentive program issued 194 rebates for 163 wood stove exchanges, 2 renewable energy systems, and 20 home energy assessments 5 oil to heat pump rebates, 4 rebates for site cut lumber.
Community-Wide Actions Proposed for 2017	
	Complete update of Electoral Area H OCP and Active Transportation Plan.
	Continued implementation of Agricultural Area Plan.
	Assessment of coastal areas and floodplain mapping.
	Energy Step code education and awareness.
	Review of Development Permit Areas in all OCP's.

Corporate Actions Taken in 2016	
	All RDN buses are now powered by Compressed Natural Gas (CNG).
	Secured \$138,000 in funding for corporate energy efficiency initiatives, including rural fire hall efficiency assessments and upgrades, comprehensive energy audit for Ravensong Aquatic Centre.
	An assessment of a heat recovery system for Oceanside Place arena.
Corporate Actions Proposed for 2017	
	Initiate Bylaw 500 and subdivision servicing bylaw Review.
	Update of RGS targets and indicators.
	Initiate review of RGS.

Broad Planning		
What is (are) your current GHG reduction target(s)?	80% reduction below 2007 levels by 2050.	
Has your local government used the Community Energy and Emissions Inventory (CEEI) to measure progress?		Yes

What plans, policies or guidelines govern the implementation of climate mitigation in your community?	
• Community Energy and Emissions (CEE) Plan	Yes
• Climate Action Plan	Yes
• Integrated Community Sustainability Plan	No
• Official Community Plan (OCP)	Yes
• Regional Growth Strategy (RGS)	Yes
• Do not have a plan	Yes
• Other:	Yes
Does your local government have a corporate GHG reduction plan?	No
Does your local government have a climate reserve fund or something similar?	Yes

2016 BUILDINGS 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 2016	
	Green Building Open House and Workshop Series featured 2 homes and 2 green Building workshop sessions. Attracting approximately 100 people.
	Hosted a Passive House Design Workshop for local designer, architects, builders and developers, held in Nanaimo, October 2016.
	Continued dispersing green building incentives to residents who improved the performance of their home.
	Led a Real Estate efficiency Project in partnership with the City of Nanaimo and the Vancouver Island Real Estate Board and trained local realtors on home energy efficiency.
Community-Wide Actions Proposed for 2017	
	Introduce education and awareness with regards to the Energy Step Code
	Continued delivery of green building outreach, training and program delivery.
	Continue to support Nanaimo Aboriginal Centre with development of Nanaimo Passive House
	Continued delivery of Green Building Incentive Program.
	Submitted application to BC Hydro Community Sustainability Initiatives Program and received approval for \$23,000 to provide education on changes to the BC Building Code with respect to energy conservation.

Corporate Actions Taken in 2016	
	Continued coordination of energy and sustainability initiatives to develop and implement a comprehensive energy management strategy for RDN recreation facilities.
Corporate Actions Proposed for 2017	

	Ongoing implementation for Green Building policy for RDN Facilities in relation to all building projects planned for 2017.
	Continued investment of CARIP rebate into Corporate Climate Action Fund for the purpose of investing in equipment, systems, and initiatives that result in operational saving, energy conservation and emissions reductions at RDN facilities.

2016 ENERGY GENERATION ACTIONS

Energy Generation Actions

A transition to renewable or low-emission energy sources for heating, cooling and power supports large, long-term GHG emissions reductions. Renewable energy including waste heat recovery (e.g. from biogas and biomass), geo-exchange, micro hydroelectric, solar thermal and solar photovoltaic, heat pumps, tidal, wave, and wind energy can be implemented at different scales, e.g. in individual homes, or integrated across neighbourhoods through district energy or co-generation systems.

Community-Wide Actions Taken in 2016	
	Provide financial incentives to encourage residents to use renewable energy sources.
	Provided funding to Nanaimo Aboriginal House for Passive House Design.
	Supported the Gabriola Commons Foundation to install a 10kw solar array at the Gabriola Commons, and provided 50% of the funds for installation.
Community-Wide Actions Proposed for 2017	
	Continuation of Green Building Incentives and the RDN's green building workshop series.

Corporate Actions Taken in 2016	
	Improved equipment in recreational centres to reduce energy consumption.
	Replaced lighting with LED's.
	Captured and diverted landfill gas for electricity generation at the Cedar Road Bioenergy Centre (actual values for electricity generated not known).
	Produced approximately approx. 236,200 kWh of electricity at the Greater Nanaimo Pollution Control Centre in 2016 using biogas to run our cogeneration engine (equivalent to the power usage of 21 homes for one year).
Corporate Actions Proposed for 2017	
	Continued investment in community renewable energy demonstration projects as opportunities arise.
	Exploration of options for enhanced electricity generation at the Greater Nanaimo Pollution Control Centre.
	Continued collection of Landfill Gas to be used for electricity generation at Cedar Road Bioenergy Centre.

Energy Generation	
Is your local government developing, or constructing:	

<ul style="list-style-type: none"> • A district energy system • A renewable energy system 	No No
Is your local government operating: <ul style="list-style-type: none"> • A district energy system • A renewable energy system (Regional Landfill) Methane gas is used to create electricity under contract with BC Hydro. 	No Yes
Is your local government connected to a district energy system that is operated by another energy provider?	No
Are you aware of the Integrated Resource Recovery guidance page on the BC Climate Action Toolkit ?	Yes

2016 GREENSPACE/ NATURAL RESOURCE PROTECTION ACTIONS

Greenspace Actions

Greenspace/Natural Resource Protection refers to the creation of parks and greenways, boulevards, community forests, urban agriculture, riparian areas, gardens, recreation/school sites, and other green spaces, such as remediated brownfield/contaminated sites as well as the protection of wetlands, waterways and other naturally occurring features.

Community-Wide Actions Taken in 2016	
	Community Watershed Monitoring Network maps updates and exports for publishing on Website.
	RDN Parks and Trail Finder mapping was launched. This mobile friendly interactive map enables users to search for and identify parks and recreational trails throughout the RDN on mobile devices. If hiking without internet or cellular data, residents and visitors can download these georeferenced PDF maps that are compatible for use with various mobile mapping applications. So far, 10 regional trail maps, 1 community park map and 3 recreational trail maps are available with more to be developed as data becomes available.
	Prepared and disseminated information to raise awareness of the unique attributes of the Parksville Qualicum Beach Wildlife Management Area.
	Replanted native vegetation at the Cedar Plaza.
	Implement the Parks and Trails Design Guidelines for both maintenance and Development.
	Opened the 6.7-kilometre Coombs to Parksville Rail Trail which is an accessible, active transportation corridor that connects Springwood Park in Parksville to Station Road at Highway 4 in Coombs.
	Use Regionally Significant Gas Tax Funding for design and construction of the E&N and other Regional Trails.
Community-Wide Actions Proposed for 2017	
	The Amazing Places Project was brought to BC through collaboration with the Mount Arrowsmith Biosphere Region.
	Continue to build strong relationships and pursue protocol agreements with First Nations.

Corporate Actions Taken in 2016	
	Worked with Snuneymuxw First Nation in EA 'A' on a funding agreement for a community sport court.
Corporate Actions Proposed for 2017	
	The RDN's recreation programs and facilities play an ongoing role in providing sports and cultural amenities that boost the attractiveness of the region as a place to live and visit. These include ongoing delivery of recreation programs and maintenance of facilities throughout the RDN. The RDN will continue to expand existing recreation programs and continued to attract sports tournaments for youth, adults and seniors.

Greenspace	
Does your local government have urban forest policies, plans or programs?	No

2016 SOLID WASTE ACTIONS

Solid Waste Actions

Reducing, reusing, recycling, recovering and managing the disposal of the residual solid waste minimizes environmental impacts and supports sustainable environmental management, greenhouse gas reductions, and improved air and water quality.

Community-Wide Actions Taken in 2016	
	Waste diversion, including recycling programs and organic diversion in the region remains high at approximately 68%.
	Increased our landfill gas collection efficiency from 59% in January to 67% in December.
	Worked with staff at Nanaimo Organic Waste to reduce the amount of leachate and contamination in the organics transfer loads from Church Road Transfer Station.
	To reduce water use during the dry summer months, the landfill truck wash down area was closed. Installed and commissioned 2 vertical Landfill Gas Collection wells.
	Increased our landfill gas collection efficiency from 59% in January to 67% in December.
Community-Wide Actions Proposed for 2017	
	Continue to achieve high diversion rates through curbside collection of recycling and household organic waste.
	Consult the public on Solid Waste Management Plan.

Corporate Actions Taken in 2016	
	Continue enhancement of landfill gas collection system efficiency.
	Increase landfill capacity through the completion of the North Berm Expansion Project, which added geotechnical stability to the north slopes and added 10 years of operating life.
	Reduce rainwater infiltration and leachate generation by extending the cover system and priority on

	repair to the ditch and culvert lining system.
	Verify and sell and/or retain the rights to 21,123 tonnes of GHG offsets from landfill gas collection project.
	We have allocated 5,000 tonnes to the Community Carbon Marketplace (CCM) to sell on behalf of the RDN. In 2016, 698 tonnes were sold.
Corporate Actions Proposed for 2017	
	Complete construction of the North Berm to extend landfill life.
	Reduce rainwater infiltration and leachate generation by extending the cover system and priority on repair to ditch/culvert lining systems.
	Continue enhancement of landfill gas collection system efficiency.

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

2016 TRANSPORTATION ACTIONS

Transportation Actions

Transportation actions that increase transportation system efficiency, emphasize the movement of people and goods, and give priority to more efficient modes, e.g. walking, cycling, ridesharing, and public transit, can contribute to reductions in greenhouse gas emissions and more livable communities.

Community -Wide Actions Taken in 2016	
	Work with RDN departmental staff to implement RDN Asset Management working group objectives.
	Implemented a 5,000 hour annual conventional transit expansion.
	Implemented weekday evening handyDART service.
	Completed new transit shelters at Wembley Mall.
	Implemented an updated 'Z-card' bike/transit route map in conjunction with the City of Nanaimo.
	Supported creation of local transit service on Gabriola Island/ Constructed new trail, installed signs and drainage completed in Mount Benson Regional Park/ Designed new trail and received approvals for construction at Coats Marsh Regional Park/ Worked with volunteers on trails restoration and rerouting at Mount Arrowsmith Massif Regional Park/ Designed and installed trail at Price Road as part of the ACT trail system (Area F).
	RDN contribution agreement adopted in support of Gabriola's Environmentally Responsible Transit- Island Express receiving \$130,000 to help establish bus service.
Community-Wide Actions Proposed for 2017	
	Expansion of active transportation network in RDN Electoral Areas.
	Launched the "Play and Ride" Pass to combine recreational activities with access to transit.
	Transit expansion for Parksville, Qualicum Beach and Electoral Areas 'E', 'G and 'H' scheduled for 2017 with addition of a community bus in Qualicum Beach, more frequent services for Route #99 Deep Bay and improvements to Route #91 intercity.
	Implement a 5000 annual hour expansion in September- Expand service in District 69 and create

	two new routes in Qualicum Beach.
	Receive 24 new CNG buses- Work with BC Transit to ensure smooth transition into service
	Promote transit to Vancouver Island University- Work with VIUSU to grow ridership and transit revenues
	Implement GPS tracking system- to improve system efficiency and make the system more user friendly
	Work with BC Transit to review the fare structure; with a focus on increasing the commuter market
	Upgrade transit bus stop infrastructure, including shelters- to assist in growing ridership by making the system more convenient
	Work with BC Transit to secure infrastructure grant funding- to build/expand three transit exchanges in Nanaimo

Corporate Actions Taken in 2016	
	Conducted a fleet efficiency analysis.
	Worked with BC Transit on the procurement of 24 CNG buses to be delivered in November 2016.
	Implement a taxi program in Parksville and Qualicum Beach.
Corporate Actions Proposed for 2017	
	Implement Fleet Management Software- this will ensure the transit fleet is safe and efficient
	Work with BC Transit to activate on board video surveillance system- this will make the system safer for staff and the public

Transportation	
Does your local government have policies, plans or programs to support:	
• Walking	Yes
• Cycling	Yes
• Transit Use	Yes
• Electric Vehicle Use	Yes
• Other (please specify)	No
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)?	No
Does your local government have policies, plans or programs to support local food production (thus reducing transportation emissions)?	Yes

2016 WATER AND WASTEWATER ACTIONS

Managing and reducing water consumption and wastewater is an important aspect of developing a sustainable built environment that supports healthy communities, protects ecological integrity, and reduces greenhouse gas emissions.

Community-Wide Actions Taken in 2016	
	Provided SepticSmart workshops in the communities of French Creek (G), Extension (C), Coombs (F), and Qualicum Bay

	Commenced design of the Bowser Village Centre wastewater collection and treatment system. This \$300k design project is funded through a gas tax grant, and will result in a tender ready engineering design, that would enable the community to move forward with wastewater treatment, should they decide to do so in the future.
	Beneficially reused 100% of biosolids from the RDN treatment facilities
	Expand water monitoring activities into priority areas (French Creek, Cedar-Yellowpoint, Nanoose, and other areas as needs arise) in partnership with the Province, local conservation groups, community volunteers, and other agencies as appropriate.
	Continue to support Emergency Planning staff with real-time streamflow and precipitation data as required.
	Continue to work with regional partners to co-develop watershed management strategies.
	Continue to support community planning with water-related information as required.
	Launched a hydrometric monitoring station on Haslam Creek in partnership with Department of Fisheries and Oceans and Ministry of Forest, Lands and Natural Resource Operations.
Community-Wide Actions Proposed for 2017	
	Commenced work on a Grey water guide for residents.
	Continue major capital program to bring secondary treatment to the Greater Nanaimo Pollution Control Centre.
	Continue rainwater, wellhead protection and related rebate programs.
	Continue with community outreach and engagement through Team Watersmart Activities.
	Complete design and establish a service area for a community Sewer System for Bowser Village.

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

2016 CLIMATE CHANGE ADAPTATION ACTIONS

Climate Change Adaptation Actions

For local governments, adaptation to a changing climate can take the form of changes in policy, management, technology and behaviour that minimize negative impacts or exploit opportunities. It can involve both “hard” and “soft” solutions, including: changes in infrastructure engineering, planning, zoning, bylaws, and public education.

Climate Change Adaptation Actions Taken in 2016	
	The RDN commenced the first phase of an assessment of coastal areas that may be impacted by sea level rise within the Electoral Areas, Parksville and Lantzville. The data was collected using Light Detection and Ranging (LiDAR) for coastal areas below 40 meter elevations. When complete, the entire coastal region from Electoral Area ‘H’ to ‘A’, including Area ‘B’ and member municipalities will have LiDAR floodplain mapping, which will be used to better inform decision-making.
Climate Change Adaptation Actions Proposed for 2017	
	Analysis of water levels and flood construction levels for the purpose of producing floodplain maps.

Resources you have used to support climate change adaptation (e.g. Plan2Adapt , Preparing for Climate Change: Implementation Guide)	
	Preparing for Climate Change: Implementation Guide
	Green Shores guide
	Coastal Floodplain Mapping – Guidelines and specifications.

In 2016 did you consider climate change impacts in any of the following areas? (check if yes)	
Risk reduction strategies	Yes
Risk and Vulnerability assessment	Yes
Asset management	Yes
Infrastructure upgrades (e.g. stormwater system upgrades)	Yes
Cross-department working groups	Yes
Emergency response planning	Yes
Land-use policy changes (eg. OCP, DPA)	Yes
Economic diversification initiatives	Yes
Ecosystem-based approaches (incl. shorelines)	Yes
Incentives (e.g. property owner reducing stormwater run-off)	Yes
Public education and awareness	Yes
Research (e.g. mapping, participation in studies)	Yes
Other (Please Identify):	

2016 OTHER CLIMATE ACTIONS

Other Climate Actions

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

Community-Wide Actions Taken in 2016	
Community-Wide Actions Proposed for 2017	

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Corporate Actions Taken in 2016	
Corporate Actions Proposed for 2017	

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

INNOVATION AND PEER-TO-PEER LEARNING

Innovation

This section provides the opportunity to showcase an innovative Corporate and/or Community-Wide GHG reduction or climate change adaptation activity that your local government has undertaken and that has had or has the potential to have a significant impact. 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.

Community-Wide Innovative Action
<p>Provided Team Water Smart educational presentations for Qualicum, Snaw-naw-as and Snuneymuxw First Nations schools</p> <p>Worked with Aboriginal Education Coordinator in SD69 to include significant First Nations place names on the new DWWP website map interface.</p> <p>Work with First Nations (Qualicum (QFN), Nanoose (NFN) and Nanaimo (SFN)) on joint flood operations reviews, assistance with information material, campsite evacuation planning, earthquake presentation and seasonal hazards. First Nations reps invited and participated in training sessions.</p> <p>Co-hosted forum with Island Health open to local governments, School District and First Nation Band members to increase mutual understanding of the organizations and explore potential partnerships.</p>
Corporate Innovative Action
<p>Introduced e-scribe meeting management software to consolidate and centralize data into digital environment and to increase efficiencies related to all aspects of the meeting management from report</p>

writing to agenda and minutes productions.

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.

Programs and Funding

Gas Tax Funds (Community Works Funds for community renewable energy systems and Regionally Significant Projects for major capital projects)/ Community Energy Leadership Program to support investment in high efficiency equipment/ Provincial Woodstove Exchange Program to support green building incentive program/ BC Hydro and Real Estate Foundation for BC funding for community projects relating training realtors/ BC Hydro funding for energy studies/ CARIP program for investing in corporate energy efficiency initiatives/ virtually any and all grant programs are helpful.

2016 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 survey, please ensure that you are familiar with guidance available on the B.C. Climate Action Toolkit website, especially *Becoming Carbon Neutral: A Guide for Local Governments in British Columbia*.

Reporting Emissions

Did you measure your local government's corporate GHG emissions in 2016?	Yes
If your local government measured 2016 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:	350.84
If your local government measured 2016 corporate GHG emissions, please report the number of corporate GHG emissions (in tonnes of carbon dioxide equivalent) from <u>contracted</u> services:	2387.88
TOTAL A: CORPORATE GHG EMISSIONS FOR 2016	2,738.72 tCO₂e

Reporting Reductions and Offsets

To be carbon neutral, a local government must balance their TOTAL corporate GHG emissions by one or a combination of the following actions:

- undertake GCC-supported Option 1 Projects
- undertake GCC-supported Option 2 Projects (community GHG emissions reduction projects that meet project eligibility requirements)
- purchase carbon offsets from a credible offset provider

If applicable, please report the 2016 GHG emissions reductions (in tonnes of carbon dioxide equivalent (tCO₂e)) being claimed from Option 1 GHG Reduction Projects:

OPTION 1 PROJECTS	REDUCTIONS
Energy Efficient Retrofits	
Solar Thermal	
Household Organic Waste Composting	1,046.8
Low Emission Vehicles	
Avoided Forest Conversion	
TOTAL B: REDUCTIONS FROM OPTION 1 PROJECTS FOR 2016	1,046.8 tCO₂e

If applicable, please report the names and 2016 GHG emissions reductions (in tonnes of carbon dioxide equivalent (tCO₂e)) being claimed from Option 2 GHG Reduction Projects:

OPTION 2 PROJECT NAME	REDUCTIONS
	0
TOTAL C: REDUCTIONS FROM OPTION 2 PROJECTS FOR 2016	0 tCO₂e

If applicable, please report the number of offsets purchased (in tonnes of carbon dioxide equivalent (tCO₂e)) from an offset provider for the 2016 reporting year:

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

OFFSET PROVIDER NAME	OFFSETS
The Regional District of Nanaimo verified and validated 21,123 tonnes of offsets arising from the existing landfill gas collection project. Of these, 5,000 tonnes have been listed through the Community Carbon Marketplace. The remainder will be subject to future listing as well as	

counted against RDN corporate emissions for the purpose of achieving carbon neutral operations.	
Based on carryover from previous years we are using carbon offsets to ensure the RDN achieves carbon neutrality.	
TOTAL D: OFFSETS PURCHASED FOR 2016	1,691.92 tCO2e

TOTAL REDUCTIONS AND OFFSETS FOR 2016 (Total B+C+D) = 2,738.72 tCO2e

Corporate GHG Emissions Balance for 2016

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 2016 = (A – (B+C+D)) = 0.0 tCO2e

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

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.

This year a new recognition level has been added – **Level 3: Accelerating Progress on Charter Commitments**–. 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 the Community Energy and Emissions Inventory (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 (ie: through undertaking a GHG reduction project, purchasing offsets, establishing a reserve fund).

Level 4 - Achievement of Carbon Neutrality: for local governments who achieve carbon neutrality in the reporting year.

For purposes of Level 3 recognition, if applicable, please identify any new or ongoing corporate or community wide GHG reduction projects (other than an Option 1 or Option 2 project) undertaken by your local government that reflects a significant investment of time or financial resources and is intended to result in significant GHG reductions:

PROJECT NAME:

Based on your local government's 2016 CARIP Climate Action/Carbon Neutral Progress Survey, please check the GCC Climate Action Recognition Program level that best applies:

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