Ministry of Municipal Affairs and Housing



2017 CARIP Climate Action/Carbon Neutral Progress Survey Public Report Attestation

As per the CARIP guidance, the Financial Officer is required to submit this attestation form to attest that:

• On or before **June 1, 2018**, the information reported in the 2017 CARIP Climate Action/Carbon Neutral Progress Survey submitted online to the Province has been made public.

to the Province at infra@	ist complete and sign this attestation form by the applicable deadline and email a scanned copy pgov.bc.ca.
2017 CARID Climate Acti	on/Corbon Novitral Draggers Survey Dublic Danget Attentation Form - DUF on a before large
2017 CARIP Climate Acti	on/Carbon Neutral Progress Survey Public Report Attestation Form — DUE on or before June 1
	ation contained in the 2017 CARIP Climate Action/Carbon Neutral Progress Survey submitted in <u>June 1st, 2018</u> for <u>District of Chetwynd</u> was made public on <u>June 4th, 2018.</u>
Name, Title (print) CFO	Kevin Franson, Director of Financial Administration
Signature:	Phaom
Date:	June 4/18

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: District of Chetwynd

Report Submitted by: Name: Linda Kearns

Role: Financial Services Supervisor Email:lkearns@gochetwynd.com

Phone: 250-401-4107

Date: May 15th, 2018

Optional box for image

The [District of Chetwynd] 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, and centred) plays an especially important role in energy and GHG reduction.

Co	mmunity-Wide Actions Taken in 2017
	Flood Mitigation and Prevention, Partner in the Northeast Climate Risk Network hosted by Fraser
	Basin Council
	Commissioned a Flood Hazard Study by Urban Systems with funds from Provincial Emergency
	Management Program grants funds which provide recommendations.
	Continuation of air quality monitoring, improvements of walkway lighting, improvements of trail
	systems, signage and removal of dangerous trees.
	12 carvings added each year, 2 signs (wood)
	Tree Boulevard program and memorial benches
Coı	mmunity-Wide Actions Proposed for 2018
	Flood Mitigation and Prevention
	Reduction in GHG emissions
	Continuation of Tree Replacement Program, 12 yearly additional carvings
	Crown Subdivision – new playground equipment
	Spirit Park – Play equipment and Stage (portable)

Cor	rporate Actions Taken in 2017		
	Flood Mitigation and Prevention		
	Commissioned a Flood Hazard Study by Urban Systems with funds from Provincial Emergency		
	Management Program, grant funds which provide recommendations of a Flood Hazard Study with		
	Provincial Emergency Management Program grants funds.		
	Council authorized administration to expand the recycling program to begin a pilot curbside		
	recycling pickup program in two large subdivisions; this consistently reduced the amount of		
	residential garbage that was taken to the landfill, thereby extending the life of the landfill; Council		
	also directed administration to explore the feasibility of an organic (kitchen) waste compost		
	program for the community.		
	The District of Chetwynd had a "Share Shed" constructed to allow residents to leave items they no		
	longer needed but which other residents could use; this is a recycling program of sorts and also		
	assists those of little means access to good used goods they may need		
	World Host Program/ Little Prairie Community Forest Upgrades & Memorial Benches		
Cor	Corporate Actions Proposed for 2018		
	Flood Recovery; the District continues to rehabilitate areas that had been damaged by flood waters		
	in 2016 & 2017.		
	The District applied for a \$750, 000.00 Community Emergency Preparedness Fund and will, if		

successful, apply funds to structural flood mitigation that will prevent future damage from floodwaters in the community

The District is re-implementing a buried and discarded irrigation system. Rehabilitating and using this irrigation system will save resources in several ways; GHG's will no longer be emitted by seasonal workers driving water trucks back and forth from the water station to water flowers and plants in the community. Instead, the automatic underground irrigation system will water designated portions and seasonal workers can obtain water for areas not serviced by automatic underground irrigation by utilizing a central hose bib (or several of them strategically placed throughout the community)

Broad Planning			
What is (are) your reduction target(s year		(Please provide details here) – Corporate & Community End The District of Chetwynd will commit to reducing corporate greenhouse gas emissions by 1% from 2008 level by 2010, a further 1% reduction from 2008 per year until 2020.	9
Are you familiar w or another invento		unity's community energy and emissions inventory (e.g. CEEI	Yes/No
What plans, policion community?	es or guidelines	govern the implementation of climate mitigation in your	
•	Commu	nity Energy and Emissions (CEE) Plan	Yes/No
•	Commu	nity- Wide Climate Action Plan	Yes/No
•	Integrate	ed Community Sustainability Plan	Yes/No
•	Official (Community Plan (OCP)	Yes/No
•	Regiona	Growth Strategy (RGS)	Yes/No
•	Do not h	ave a plan	Yes/No
•	Other:		Yes/No
Does your local go	vernment 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.

Co	Community-Wide Actions Taken in 2017		
	Built second phase of outdoor pathway lighting with low-voltage (Solar) LED lights		
	Arena refrigeration upgrades including a plate and frame chiller that increases heat transfer and		
	efficiency, therefore reducing electrical consumption.		

New arena floor with brine lines closer to the surface enhancing ice quality and reducing energy consumption needed to freeze the ice. New condenser that increases better heat transfer condensing the ammonia gas back to a liquid therefore reducing energy consumption. Dehumidification and arena air quality ventilation-dehumidification will take the moisture out of the arena set at 50% therefore reducing the load on the ice surface and reducing energy consumption required for the refrigeration plant to operate. The ventilation unit uses a roof top unit that is gas fired to add heat to the arena reducing the need to operate the gas fired radiant tube heaters in the bleachers. High efficiency furnace was replaced in the Tamarack Hall. We continue to replace outdated light fixtures with LED **Community-Wide Actions Proposed for 2018** Third Phase planned for new low voltage LED lighting along existing walkways. Working with MOTI to partner on and implement solar-powered pedestrian crosswalk lights Arena – Proposed LED Lighting upgrade Pool deck – proposed LED lighting upgrade Curling Rink – proposed – to replace one aging/old unit heater on the ice surface with a new style heater (Reznor)

Corporate Actions Taken in 2017	
Corporate Actions Proposed for 2018	

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 Is your local government aware of the BC Energy Step Cost? 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.

Co	mmunity-Wide Actions Taken in 2017
Coi	mmunity-Wide Actions Proposed for 2018
	Installation of two electrical outlets for electric cars –Located at the Fire Hall/Ambulance /Visitor Center Building
Cor	porate Actions Taken in 2017
Cor	porate Actions Proposed for 2018

Is your local go	overnment developing, or constructing:	
•	A district energy system	Yes/No
•	A renewable energy system	Yes/No
Is your local go	overnment operating:	
•	A district energy system	Yes/No
•	A renewable energy system	Yes/No
Is your local go	overnment connected to a district energy system that is operated by another er?	Yes/No
Are you aware Toolkit?	of the Integrated Resource Recovery guidance page on the <u>BC Climate Action</u>	Yes/No
•	ar with the 2017 "List of Funding Opportunities for Clean Energy Projects Led by nd Local Governments?"	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.

Cor	Community-Wide Actions Taken in 2017		
	Flood Recovery		
	Continue to improve walking trails and pathways to encourage walking/biking instead of driving and		
	continue to improve amenities downtown to encourage walkableness. Built new sign/wooden		
	sculpture gardens utilizing Xeriscaping to utilize less water.		
	Cut 78 Aspen Rotting Trees and planted 32 Brandon Elms and 31 Manchurian Ash		
	New lighting on boulevard path		
Cor	mmunity-Wide Actions Proposed for 2018		
	Flood Recovery		
	Will continue to replant boulevard trees and another section of deteriorating trees will be taken		
	down and replanted- replanted using tree wells - water reduction incentive		
	Plan to continue to implement riparian protection areas and to create passive greenspaces for		
	residents of Chetwynd to enjoy the outdoors.		
	The District is working with the province to rehabilitate an old disused landfill. An area in a		
	residential neighbourhood is eroding and could affect a streambank (Windrem Creek) if not shored		
	up; this eroding bank will be strengthened to protect the creek.		

Corporate Actions Taken in 2017

-			
	Flood Recovery		
	Maintained 174 km trail systems		
	Ballpark improvements, three new dugouts with water drainage, Aerating and reseeding, new		
	netting and safety guard rails and fencing, tree trimming		
	Gazebo/benches/table projects and community improvements		
	Community Forest further expansion of the trails (10km)		
	Yearly Pitch in week, community involved garbage clean up / New LVCU Bank – Designed to be		
	energy effect, wood foundation completed and opened to their members		
Co	Corporate Actions Proposed for 2018		
	Flood Recovery		
	Waste Committee – New compost and renewal box system		
	Yearly Pitch in week, community involved garbage clean up		
	West Fraser Bio Energy Plant and Canfor Pellet Plant – Ongoing Projects		
	New greenspace and improvements for reducing area brush and replant near carvings and areas		
	near extended parking lots.		
	Adding a healthway mapping system – linking walking trails with The Seniors Surerus Place and the		
	Hospital		
	Adding more pedestrian walking trails in between carvings		

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

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.

Coi	mmunity-Wide Actions Taken in 2017
	Solid Waste and Recycling Committee was formed to strengthen and expand recycling; Expansion of Recycling Services included a pilot curbside recycling pickup project in 3 large subdivisions that has resulted in steadily increasing amounts of recycling being picked up and diverted from the landfill.
	Food security/Community Gardens and Partners Market Expansions
Coi	mmunity-Wide Actions Proposed for 2018
	Program implemented to encourage organic residential waste to be used for compost; implemented a composter rebate program to incentivise composting of kitchen waste

Cor	porate Actions Taken in 2017
	Tendered out construction of a new water treatment plant; this membrane filtration plant will increase quality and capacity of water distributed to community
	Tendered out design of water looping project an replacement of sanitary sewer project; these projects will be implemented in 2018 but design work commenced in 2017
Cor	porate Actions Proposed for 2018
	Water Treatment Plant will be completed in 2018; this will provide better quality water to the community and will be processed more efficiently in a high-efficiency plant with new equipment and new technology.
	Water Looping project will be completed, which will resolve the dead end water line issues that are a challenge from water quality perspective; also water looping will provide higher flows for fire protection and consistent water pressure.
	Sanitary sewer main replacement project will prevent breakage and leakage of sanitary sewer into the environment because of old, deteriorating sewer main that is in place now

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

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.

Community -Wide Actions Taken in 2017	
	Flood Recovery
	Nicholson Road project to highway 29 improved
	Spent \$450,000.00 on road upgrades (paving and swaling)

	Airport runway was re-paved to better enable air traffic landings and medivacs
	Did Imagine Chetwynd Program Bike/Walk adventures
Coi	mmunity-Wide Actions Proposed for 2018
	Flood Recovery
	Continue to upgrade boulevard walkways
	Nicholson Road project to highway 29 to be paved
	\$ 450.000.00 on road upgrades budgeted for 2018
	Expanding the Ride Sharing to use on the trail systems and used as cross country trails in the winter
	time.

Corporat	Actions Taken in 2017
Corporat	Actions Proposed for 2018

Transportation		
Does your loca	government have policies, plans or programs to support:	
•	Walking	Yes/No
•	Cycling	Yes/No
•	Transit Use	Yes/No
•	Electric Vehicle Use	Yes/No
•	Other (please specify)	Yes/ <mark>No</mark>
to reduce singl	I government have a transportation demand management (TDM) strategy (e.g. e-vehicle occupancy trips, increase travel options, provide incentives to viduals to modify travel behavior)?	Yes/No
Does your loca	government integrate its transportation and land use planning?	Yes/No

Chetwynd supports a large community garden which is well-used by the community; this has grown to include a robust farmers market for exchange of organic locally grown produce and goods; In 2018 the District of Chetwynd is also planting some edible gardens for locals and tourists to use.

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.

Co	mmunity-Wide Actions Taken in 2017
	Completed construction of new sewer lagoon treatment plant. Brought BOD levels down to well
	below provincial guidelines while decreasing electrical cost by 40%.
	Continue with infiltration program
	Constructed a main sewer main (East Trunk Main) which had been surcharging during heavy rain
	events; all sewage is now efficiently and cleanly transported to sewage treatment plant.
	Construction began in 2017 on a new energy efficient Water Treatment Plant which will more
	efficiently treat water for the community
Coi	mmunity-Wide Actions Proposed for 2018
	Construction of a new energy efficient water treatment plant to be completed
	Construction new water looping project to be completed, as well as replacement of an old sanitary sewer main on 47 th Street.

Cor	Corporate Actions Taken in 2017		
	Water restrictions were implemented for commercial water haulers during construction of the new		
	water treatment plant		
Cor	porate Actions Proposed for 2018		
	Design will be done in 2018 for water/sewer main replacement project so construction can		
	commence in 2019		

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

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.

Please identify the THREE climate impacts that are most relevant to your Local Government.

- Warmer winter temperatures reducing snowpack
- Changes to temperature and precipitation causing seasonal drought
- Heatwaves impacting population health
- Increased temperatures increasing wildfire activity
- Increased temperatures affecting air quality
- Changing temperatures influencing species migration and ecosystem shifts
- Extreme weather events contributing to urban and overland flooding
- Sea level rise and storms causing coastal flooding and/or erosion

Other:

In 2017 has your local government addressed the impacts of a changing climate following?	using any of the
Risk and Vulnerability Assessments	Yes/No
Risk Reduction Strategies	Yes/No
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/ <mark>No</mark>
Economic diversification initiatives	Yes/No
Strategic and financial planning	Yes/No
Cross-department working groups	Yes/No
OCP policy changes	Yes/ <mark>No</mark>
Changes to zoning and other bylaws and regulations	Yes/No
Incentives for property owner (e.g. reducing storm water run-off)	Yes/ <mark>No</mark>
Public education and awareness	Yes/No
Research	Yes/No
Mapping	Yes/No
Partnerships	Yes/No

Ot	her:
Cli	mate Change Adaptation Actions Taken in 2017
100 100 BS-010	ase elaborate on key actions and/or partnerships your local government has engaged in to prepare
	, and adapt to a changing climate. Add links to key documents and information where appropriate.
101	The District of Chattaging chinate. Add links to key documents and information where appropriate.
	The District of Chetwynd commissioned a Flood Hazard Study, completed by Urban Systems
100	
Cli	mate Change Adaptation Actions Proposed for 2018
	The District of Chetwynd commissioned a Flood Hazard Study to provide recommendations for
	structure flood mitigation measures; a Community Emergency Preparedness Fund Grant has been
	applied for in the amount of \$750,000.00. It has been identified that weather patterns as a result of
	climate change are resulting in greater and heavier rainfall patterns in the Peace Region leaving the
	District of Chetwynd vulnerable to floods and thus some structural flood mitigation measures are
	necessary.
	Flood Hazard Study recommendations will continue to be implemented, grant dependent.
	rioda riazara stady recommendations will continue to be implemented, grant dependent.
For	more information please contact:

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? Indicators of Climate Change for British Columbia, 2016	Haven't Used/ <mark>Useful</mark> /Not Useful
Plan2Adapt Climate Projections for Metro Vancouver Climate Projections for the Capital Region Climate Projections for the Cowichan Valley Regional District Province of BC's BC Adapts Video Series Preparing for Climate Change: An Implementation Guide for Local Governments The Public Infrastructure and Engineering Vulnerability Committee's (PIEVC) protocol Sea Level Rise Primer BC Regional Adaptation Collaborative Webinars www.ReTooling.ca Water Balance Model	Haven't Used /Useful/Not Useful
The Water Conservation Calculator Funding:	Haven't Used / <mark>Useful</mark> /Not Useful Haven't Used / <mark>Useful</mark> /Not Useful
National Disaster Mitigation Program (NDMP) Community Emergency Preparedness Fund (CEPF) Municipalities for Climate Innovation Program (MCIP) Climate Adaptation Partner Grants (FCM) Infrastructure Planning Grants (MAH) Federal Gas Tax Fund	Haven't Used /Useful/Not Useful
Other:	

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.

Co	mmunity-Wide Actions Taken in 2017
	Streambanks flooded in 2016 have been armoured and banks are being protected to prevent erosion
Co	mmunity-Wide Actions Proposed for 2018
	Streambanks flooded in 2016 will continue to be monitored and protected to avoid erosion; District of Chetward supports the maintained and monitored to protect streambeds and watersheds.
	to include a robust farmers market for exchange of organic locally grown produce and result is
	2018 the District of Chetwynd is also planting some edible gardens for locals and tourists to use.

Defendance of		
Corpora	ate Actions Taken in 2017	
		·

Corporate Action	Proposed for 2018	

Yes/No
Yes <mark>/No</mark>

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 <u>CEA's Climate and Energy Action Awards</u>, <u>UBCM Climate and Energy Action Award</u>, <u>FCM Sustainable Communities Awards</u> or through submissions to <u>FCM's National Measures Report</u>.

Community-Wide Action
District of Chetwynd has joined the Northeast Climate Risk Network hosted by the Fraser Basin Council
with assistance from a Federation of Canadian Municipalities grant; opportunities and economies of
scale are being explored for a regional approach to climate change associated events.
For more information contact
For more information contact:
Corporate Action
For more information contact:
To the 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
PPRD (Peace River Regional District)
Ministry of Community Affairs and Housing
Northeast Climate Risk Network hosted by the Fraser Basin Council
Adomtotica
Adaptation
Programs and Funding
Tropiumo una i anama

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 <u>Becoming Carbon Neutral: A 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 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?	Yes/No
If your local government measured 2017 corporate GHG emissions, please report	
the number of corporate GHG emissions (in tonnes of carbon dioxide equivalent)	882.16
from services delivered directly by your local government:	
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:	
TOTAL A: CORPORATE GHG EMISSIONS FOR 2017	tCO2e

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 (tCO2e)) being claimed from Option 1 GHG Reduction Projects:

OPTION 1 PROJECTS	REDUCTIONS
-------------------	------------

Energy Efficient Retrofits	
Life By Lincient Retroits	
Solar Thermal	
Household Organic Waste Composting	
Low Emission Vehicles	
Avoided Forest Conversion	
TOTAL B: REDUCTIONS FROM OPTION 1 PROJECTS FOR 2017	tCO2e

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:

OPTION 2 PROJECT NAME	REDUCTIONS
OTAL C: REDUCTIONS FROM OPTION 2 PROJECTS FOR 2017	tCO2e

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)

OFFSETS

TOTAL D: OFFSETS PURCHASED FOR 2017	tCO2e

TOTAL REDUCTIONS AND OFFSETS FOR 2017 (Total B+C+D) =

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)) = tCO2e

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 tCO2e).

SOURCE OF CARRY OVER EMISSION REDUCTIONS (and year earned)	REDUCTIONS
BALANCE OF REDUCTIONS ELIGIBLE FOR CARRY OVER TO NEXT YEAR	tCO2e

Carbon Neutral Reporting	
Does your local government have a climate reserve fund or something similar?	Yes/No

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:

PROJECT NAME:	

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:

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	