

# Climate Action Revenue Incentive Program (CARIP) Public Report

## Climate Action Revenue Incentive (CARIP)

### Public Report for YEAR 2013

District of Kitimat

Kitimat - Stikine



#### Report Submitted by

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#### General Information

<b>Name of Local Government</b>	District of Kitimat
<b>Member of Regional District (RD)</b>	Kitimat - Stikine
<b>Regional Growth Strategy (RGS) in region</b>	No
<b>Population</b>	9,104

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## Community Wide Actions for 2013

### 1.1 Measure

#### Community Wide Measurement Actions

<b>Question</b>	Have you been using the Community Energy and Emissions Inventory (CEEI) to measure progress? What else have you been using instead of/in addition to CEEI?
<b>Answer</b>	Yes
<b>Additional Information</b>	

### 1.2 Plan

#### Community Wide Targets

<b>Question</b>	Does your OCP(s) have targets, policies and actions to reduce GHG emissions, as per the requirements under the <i>Local Governments Act (LGA)</i> ? If yes, please identify the targets set. If no or in progress, please comment.
<b>Answer</b>	Yes
<b>Additional Information</b>	Bylaw No. 1819, was adopted by Council on 3 June 2013. This bylaw amended the 2008 OCP to include GHG targets.

### 1.3 Reduce

#### Supportive Community Wide Actions

<b>Action Type</b>	Broad Planning
<b>Actions Taken this Year</b>	"OCP amendments adopted by Council. Amendments included reporting and publishing requirements as well as development by 2014 of a measuring and reporting program for municipal contractors. Work towards adoption of corporate (District of Kitimat operations) and community targets by 2014; with an interim target of per capita GHG emissions 10% below 2011 by 2020.

"	
<b>Proposed Actions for Next Year</b>	OCP targets to be reviewed.

<b>Action Type</b>	<b>Building and Lighting</b>
<b>Actions Taken this Year</b>	
<b>Proposed Actions for Next Year</b>	

<b>Action Type</b>	<b>Energy Generation</b>
<b>Actions Taken this Year</b>	
<b>Proposed Actions for Next Year</b>	

<b>Action Type</b>	<b>Green Space</b>
<b>Actions Taken this Year</b>	Research into community garden placement was conducted. Suitable locations have been identified.
<b>Proposed Actions for Next Year</b>	Look for partnership and grant opportunities to launch community garden program.

<b>Action Type</b>	<b>Transportation</b>
<b>Actions Taken this Year</b>	
<b>Proposed Actions for Next Year</b>	Promote Bike to Work Week in new District of Kitimat Newsletter.

Action Type	Waste
<b>Actions Taken this Year</b>	The District of Kitimat explored curbside recycling as part of the BC Consumer Packaging and Printed Paper (MMBC) Recycling Program, but determined it was cost prohibitive to go forward.
<b>Proposed Actions for Next Year</b>	Participate in Regional Household Hazardous Waste Round-up in coordination with Newalta in 2015. MMBC will open a depot in May 2014 to collect and recycle paper and packaging products. Council is considering banning all recyclable cardboard from the Kitimat Landfill in 2014. Kitimat Understanding the Environment will accept commercial cardboard in 2014.

Action Type	Water/Sewer
<b>Actions Taken this Year</b>	
<b>Proposed Actions for Next Year</b>	

Action Type	Other Actions
<b>Actions Taken this Year</b>	In coordination with Kitimat Understanding the Environment (KUTE), corporate and community volunteers, the 2013 Riverbank Cleanup was record-breaking with 63 participants.
<b>Proposed Actions for Next Year</b>	Annual River Cleanup.

#### Direct Community Wide Actions

Action Type	Buildings
<b>Actions Taken this Year</b>	
<b>Proposed Actions for Next Year</b>	

Action Type	Energy Generation
<b>Actions Taken this Year</b>	
<b>Proposed Actions for Next Year</b>	

Action Type	Transportation
<b>Actions Taken this Year</b>	Installed two Electric Vehicle Charging Stations - free to user - through partnership with Envision Credit Union and funds from the BC Community Charging Infrastructure initiative administered by the Fraser Basin Council, topped up with 2012 CARIP grant. Released tender to improve City Centre walkways In Downtown Revitalization Area using balance of 2012 CARIP grant. Unfortunately no bids were received; tender will be re-issued in 2014.
<b>Proposed Actions for Next Year</b>	In 2013 many hours by volunteer groups and municipal staff were dedicated to the City Centre Walkway Revitalization project. The plan updated walkway design standards, added nodes with benches, rerouted walkways to improve flow, increased lighting for evening shopping, and installed hardware to add hanging baskets. Overall goal was to create a more pedestrian-friendly downtown. Although the plan was stalled due to lack of response to the tender, funds have been reserved and the plan will be put out for tender again in 2014. Plan to update Wakashan Avenue to curb and gutter standard with adjacent walkways, and better pedestrian connections between City Centre and Mountainview Square is in development. A Trail Maintenance Agreement will be implemented in 2014 to improve Kitimat walking and hiking trails.

Action Type	Waste
<b>Actions Taken this Year</b>	Kitimat Landfill does not accept items that can be recycled elsewhere in town. Recyclable items such as white goods, tires, batteries, and metal are sorted at the landfill and sent elsewhere for processing. In 2013 KUTE (Kitimat Understanding the Environment) continued to provide a recycling program for community members with District support.
<b>Proposed Actions for Next Year</b>	Continue supporting KUTE.

Action Type	Water/Sewer
<b>Actions Taken this Year</b>	The District of Kitimat has had a water conservation plan in place since 2009. Our water conservation plan includes: vigilance in detecting and repairing leaks, daily monitoring of consumption, enforcing BC Plumbing Code for low flow toilets and household conservation, contacting owners of unattended and running sprinklers, distributing Municipal Outdoor Water Usage Guidelines, and monitoring metered rates of commercial users.
<b>Proposed Actions for Next Year</b>	Continue with 2009 water conservation plan. In 2014, a bylaw amendment will be proposed to collect amenity contributions for zoning amendments that increase density. These amenity contributions would be reserved to fund efficiency upgrades at the Pollution Control Centre.

Action Type	Green Space
<b>Actions Taken this Year</b>	In 2013, Hirsch Creek Park was revitalized through partnership with Bechtel - benches and picnic tables were cleaned up and trails were cleared.
<b>Proposed Actions for Next Year</b>	

Action Type	Other Actions
<b>Actions Taken this Year</b>	
<b>Proposed Actions for Next Year</b>	

Question	Is there any activity that you have been engaged in over the past year(s) that you are particularly proud of and would like to share with other local governments? Please describe and add links to additional information where possible.
<b>Answer</b>	In 2013, the District of Kitimat installed two electric vehicle charging stations with no cost charging for users.

## Corporate Actions for 2013

### 2.1 Measure

#### Corporate Measurement Actions

<b>Question</b>	What steps has your local government taken toward completing its corporate emissions inventory?
<b>Answer</b>	We have completed a corporate emissions inventory based on available data from all sources. We will continue to refine BC Hydro data to submit with the final report due June 2nd.

<b>Question</b>	What tool are you using to measure, track and report on your corporate emissions?
<b>Answer</b>	Excel spread sheet developed by Stantec Consultants Ltd in November 2012.

### 2.2 Reduce

#### Supportive Corporate Actions

<b>Action Type</b>	Broad Planning
<b>Actions Taken this Year</b>	OPC amended June 3, 2013.
<b>Proposed Actions for Next Year</b>	Review OCP goals. Streamline fuel consumption reporting. Implement contractor reporting process.

<b>Action Type</b>	Building and Lighting
<b>Actions Taken this Year</b>	
<b>Proposed Actions for Next Year</b>	



Action Type	Energy Generation
<b>Actions Taken this Year</b>	
<b>Proposed Actions for Next Year</b>	

Action Type	Transportation
<b>Actions Taken this Year</b>	
<b>Proposed Actions for Next Year</b>	

Action Type	Waste
<b>Actions Taken this Year</b>	
<b>Proposed Actions for Next Year</b>	

Action Type	Water/Sewer
<b>Actions Taken this Year</b>	
<b>Proposed Actions for Next Year</b>	Complete capacity study of sanitary sewer system.

Action Type	Other Actions
<b>Actions Taken this Year</b>	
<b>Proposed Actions for Next Year</b>	

## Direct Corporate Actions

Action Type	Building and Lighting
<b>Actions Taken this Year</b>	Continue to replace facility lighting with energy efficient lighting. Replaced two extra- large boilers at Riverlodge Recreation Centre with five small high-efficiency boilers that work in series. Installed LED exterior lights at recreation facilities. Sensors continue to be used in facilities to turn out lights when rooms are not occupied. Windows replaced in Pool and Riverlodge Recreation Centre with double-pane sealed units. New high-efficiency compressor installed in main arena - Tamitik - to replace 33-year-old compressor. Sauna in pool now on a timer. As buildings or machinery ages, and upgrades are required, energy efficient options are selected.
<b>Proposed Actions for Next Year</b>	Continue light replacement program.
Action Type	Energy Generation
<b>Actions Taken this Year</b>	A heat recovery system was installed in 2009. Heat generated by the process of refrigeration of the main arena - Tamitik - is captured and used to heat pools at Sam Lindsay Aquatic Complex. This system continues to operate well and natural gas savings have been realized.
<b>Proposed Actions for Next Year</b>	
Action Type	Fleet
<b>Actions Taken this Year</b>	An anti-idling policy has not been created, however, best practice has been and continues to be engine-shut-off when not in motion.
<b>Proposed Actions for Next Year</b>	

Action Type	Waste
<b>Actions Taken this Year</b>	Continue bottle, cardboard, and paper recycling in all municipal facilities. A set of dishes were purchased for Council lunch and dinner meetings; paper plates will no longer be used.
<b>Proposed Actions for Next Year</b>	

Action Type	Water/Sewer
<b>Actions Taken this Year</b>	
<b>Proposed Actions for Next Year</b>	

Action Type	Green Space
<b>Actions Taken this Year</b>	Received \$5,000 grant from Tree Canada. 30 Blue Spruce trees were purchased to be planted in 2014.
<b>Proposed Actions for Next Year</b>	Plant 30 Blue Spruce trees.

Action Type	Other Actions
<b>Actions Taken this Year</b>	
<b>Proposed Actions for Next Year</b>	

## 2.3 Corporate Innovation

**Question**

Is there any activity that you have been engaged in over the past year(s) that you are particularly proud of and would like to share with other local governments? Please describe and add links to additional information where possible.

**Answer**

## Carbon Neutral Progress Reporting

### 3.1 Carbon Neutral Progress Reporting

Emissions/Offsets	Tonnes CO2e
<b>Annual corporate emissions using SMARTTool or equivalent inventory tool</b>	<b>1846.7</b>
<i>Emissions from services delivered directly by the local government</i>	1605
<i>Emissions from contracted services</i>	241.7
<b>Less:</b> GHG reductions being claimed for this reporting year from Option 1 - GHG reduction project	<b>0</b>
<i>Energy Efficient Building Retrofits and Fuel Switching</i>	
<i>Solar Thermal</i>	
<i>Household Organic Waste Composting</i>	
<i>Low Emissions Vehicles</i>	
<b>Less:</b> GHG reductions being claimed for this reporting year from Option 2 - GHG reduction projects	<b>0</b>
<i>Option 2 Project A</i>	
<i>Option 2 Project B</i>	
<i>Sum of Other Option 2 Projects (if you have added projects below)</i>	<b>0</b>
<b>Less:</b> <i>Offsets purchased for this reporting year (Option 3). Please identify your offset provider in the offset provider information section below.</i>	
<b>Balance of corporate emissions for this reporting year.</b> <i>(If the corporate emissions balance is zero, your local government is carbon neutral for this reporting year)</i>	<b>1846.7</b>
<b>Additional "Option 2" Projects</b>	
<i>Option 2 Project C</i>	
<i>Option 2 Project D</i>	
<i>Option 2 Project E</i>	
<i>Option 2 Project F</i>	
<i>Option 2 Project G</i>	
<i>Option 2 Project H</i>	

### 3.2 Making Progress on Your Carbon Neutral Commitment

<b>Question</b>	If your community has not achieved carbon neutrality for this reporting year please describe the actions that you intend to take next year to move you toward your carbon neutral goal.
<b>Answer</b>	The District of Kitimat is in year two of reporting. Last reporting year the District set out to put in place a process for collecting contractor consumption information; this process has been defined and some information was captured for 2013. Note: Emissions services delivered directly are down 298 Tonnes of CO2e over 2012, this large drop is attributed to diesel fuel consumption being half that of 2012 because of below average snow fall and decreased need to run snow removal equipment. Contractor emissions have increased as contractor consumption was not captured in 2012.

### 3.3 Offset Provider Information

<b>Question</b>	Please Identify the name(s) of your offset provider(s) (Please answer below):
<b>Answer</b>	

<b>Question</b>	The offsets being claimed in this CARIP Report were purchased from the offset provider(s) indicated above prior to making this CARIP report public (please indicate yes or no):
<b>Answer</b>	

<b>Question</b>	If your community has not achieved carbon neutrality for this reporting year please describe the actions that you intend to take next year to move you toward your carbon neutral goal.
<b>Answer</b>	