

# Climate Action Revenue Incentive Program (CARIP) Public Report

## Climate Action Revenue Incentive (CARIP)

### Public Report for YEAR 2013

City of Rossland

Kootenay Boundary RD



**Report Submitted by**

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#### General Information

<b>Name of Local Government</b>	City of Rossland
<b>Member of Regional District (RD)</b>	Kootenay Boundary RD
<b>Regional Growth Strategy (RGS) in region</b>	No
<b>Population</b>	3,590

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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>	The City of Rossland amended the OCP early in 2010 to bring the municipality into compliance with Bill 27 and to set a GHG reduction a target of 33% below Rossland's 2007 GHG emissions' levels by 2020.

## 1.3 Reduce

### Supportive Community Wide Actions

Action Type	Broad Planning
<b>Actions Taken this Year</b>	Continue to support Sustainability Commission in education and planning initiatives. Move towards implementing the Communities Adapting to Climate Change Plan by developing a new Subdivision and Servicing Bylaw that is resilient to Climate Change.
<b>Proposed Actions for Next Year</b>	Continue to support Sustainability Commission in education and planning initiatives. - Adopt new Subdivision and Servicing Bylaw that is resilient to climate change.

Action Type	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	Green Space
<b>Actions Taken this Year</b>	
<b>Proposed Actions for Next Year</b>	Investigate restoring a wetland area at Jubilee Park to improve storm water management in the area. Investigate possibility of using underutilized reservoir for recreation purposes thus reducing vehicle trips to Nancy Green Lake

Action Type	Transportation
<b>Actions Taken this Year</b>	Continue to lobby BC Transit for increase bus service to Red Mountain. Continue to implement Active Transportation Plan.  Supported implementation of car share initiative in Rossland. Rossland is now part of the Kootenay car-share program and has a car available in Rossland.
<b>Proposed Actions for Next Year</b>	Continue to lobby BC Transit for increase bus service to Red Mountain. Continue to implement Active Transportation Plan.

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>	Participated in the Water Smart Ambassador Program, and continue to implement the Water Smart Action Plan.
<b>Proposed Actions for Next Year</b>	Participate in the Water Smart Ambassador Program, and continue to implement the Water Smart Action Plan.

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

## 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>	<p>Completed two trails-one connecting downtown to the Museum and the other connecting upper and lower Rossland as identified in the 2009 Active Transportation Plan (ATP).</p> <p>Approved use of Resort Municipality Funding for a transit service to Red Mountain. Shuttle began in December 2013 with excellent ridership.</p> <p>Installed 4 Electric vehicle charging stations.</p>
<b>Proposed Actions for Next Year</b>	Complete 1km of trail connecting Pinewood subdivision with Downtown pending grant approval.

Action Type	Waste
<b>Actions Taken this Year</b>	Offered Spring and Fall cleanup program for organic waste to reduce individual vehicle traffic to the landfill in Trail and to reduce illegal dumping of waste.
<b>Proposed Actions for Next Year</b>	Continue to offer Spring and Fall cleanup program for organic waste to reduce individual vehicle traffic to the landfill in Trail and to reduce illegal dumping of waste.

Action Type	Water/Sewer
<b>Actions Taken this Year</b>	Reached 100% compliance in water meter installation with the Water Meter Incentive program.
<b>Proposed Actions for Next Year</b>	Establish adequate rate structuring system for water usage now that water meter compliance is 100%

Action Type	Green Space
<b>Actions Taken this Year</b>	Require parkland dedication from major subdivisions particularly focused on riparian areas.
<b>Proposed Actions for Next Year</b>	Continue to require parkland dedication from major subdivisions.

Action Type	Other Actions
<b>Actions Taken this Year</b>	Started Phase 2 of Energy Diet in association with Fortis BC. City invested \$1525 of CARIP funds to reduce cost of homeowner energy audits. 61 Homeowners participated in Phase 2 with pre assessments. 6 had post assessments prior to Dec 31, 2013 for reflections on 2013 reductions.
<b>Proposed Actions for Next Year</b>	Continue with Phase 2 of Energy Diet

<b>Question</b>	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>	

## 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>	In 2008, The Regional District of East Kootenay and the Regional District of Kootenay Boundary started the Carbon Neutral Kootenays project. Baseline data was collected for both Regional Districts and all the municipalities within those Districts. The City of Rossland's baseline inventory was compiled for the year 2008 at the time.

<b>Question</b>	What tool are you using to measure, track and report on your corporate emissions?
<b>Answer</b>	SMARTTool

### 2.2 Reduce

#### Supportive Corporate Actions

<b>Action Type</b>	Broad Planning
<b>Actions Taken this Year</b>	-
<b>Proposed Actions for Next Year</b>	-

<b>Action Type</b>	Building and Lighting
<b>Actions Taken this Year</b>	Used CARIP funds to complete building energy audits for City Hall and the Arena.
<b>Proposed Actions for Next Year</b>	Implement some recommendations from the energy audits.



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	Water/Sewer
<b>Actions Taken this Year</b>	Continuing to participate in Liquid Waste Management Plan-Stage 2 for a new regional sewer service.
<b>Proposed Actions for Next Year</b>	Continue to participate in Liquid Waste Management Plan-Stage 2 for a new regional sewer service.

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>	Use CARIP grant to conduct Energy Audits on 2 City buildings - City Hall and Arena
<b>Proposed Actions for Next Year</b>	Implement some recommendations from the energy audits.

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

Action Type	Fleet
<b>Actions Taken this Year</b>	Purchased a new pickup truck to replace an older one Purchased an excavator(more efficient) to replace a backhoe
<b>Proposed Actions for Next Year</b>	Purchase newer efficient skid steer and loader.

Action Type	Waste
<b>Actions Taken this Year</b>	Reduced paper use by encouraging double sided copying. Continued with internal recycling practices. Council continues to use laptops instead of printing Council Agendas.
<b>Proposed Actions for Next Year</b>	-

<b>Action Type</b>	<b>Water/Sewer</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>	-
<b>Proposed Actions for Next Year</b>	Investigate possibility of revitalising a wetland area to improve storm water runoff and reduce maintenance in City park.

<b>Action Type</b>	<b>Other Actions</b>
<b>Actions Taken this Year</b>	Direct CARIP grant to reserve fund for use directly on GHG reduction projects.
<b>Proposed Actions for Next Year</b>	

## 2.3 Corporate Innovation

<b>Question</b>	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>	

## 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>370</b>
<i>Emissions from services delivered directly by the local government</i>	344.58
<i>Emissions from contracted services</i>	25.1
<b>Less:</b>	<b>0</b>
GHG reductions being claimed for this reporting year from Option 1 - GHG reduction project	
<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>	<b>0</b>
GHG reductions being claimed for this reporting year from Option 2 - GHG reduction projects	
<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>370</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>	"Reduce emissions by completing building energy reduction projects recommended by energy audits completed in 2013. Investigate investing in low emission vehicle as part of the Kootenay Car Share program. Investigate investing in organics diversion as local reduction project if available through Regional District"

### 3.3 Offset Provider Information

**Question** Please Identify the name(s) of your offset provider(s) (Please answer below):

**Answer**

**Question** 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):

**Answer**

**Question** 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.

**Answer**