

Climate Action Revenue Incentive (CARIP) Public Report for 2011

City of Rossland



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Table of Contents

- [General Information](#)
- [Community Wide Actions](#)
 - 1.1 - [Measure](#)
 - 1.2 - [Plan](#)
 - 1.3 - [Reduce](#)
 - [Supportive](#)
 - [Direct](#)
 - 1.4 - [Community Wide Innovation](#)
- [Corporate Actions](#)
 - 2.1 - [Measure](#)
 - 2.2 - [Reduce](#)
 - [Supportive](#)
 - [Direct](#)
 - 2.3 - [Corporate Innovations](#)
- [Carbon Neutral Progress Reporting](#)

General Information

Name of Local Government	<i>City of Rossland</i>
Member of Regional District (RD)	<i>Kootenay Boundary RD</i>
Regional Growth Strategy (RGS) in region	<i>No</i>
Population	<i>3,554</i>

Community Wide Actions for 2011

1.1 Measure

Community Wide Measurement Actions

Question	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?
Answer	No
Additional Information	<i>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 Roseland's baseline inventory was compiled for the year 2008 at that time.</i>

1.2 Plan

Community Wide Targets

Question	Do your OCP(s) have targets, policies and actions to reduce GHG emissions, as per the requirements under the Local Governments Act (LGA)? If yes, please identify the targets set. If no or in progress, please comment.
Answer	Yes
Additional Information	<i>The City of Roseland amended the OCP early in 2010 to bring the municipality into compliance with Bill 27 and to set a GHG reduction target of 33% below Rosland's 2007 GHG emissions' levels by 2020.</i>

1.3 Reduce

Supportive Community Wide Actions

Action Type	Broad Planning (e.g. creation/revision of OCPs, CEPs, transportation plans)
Actions Taken this Year	<ul style="list-style-type: none"> - the Municipality supported the formation of the Rossland Energy Task Force to identify steps and develop programs that reduce energy consumption throughout the community - a new Zoning Bylaw has been adopted to encourage infill development, increased density downtown, housing diversity, limited building parcel coverage in all zones, increased riparian area setbacks & permeable parking/driveway surfaces - a new R-1 Infill Zone permits a reduced minimum lot size, house conversions to allow creation of up to 3 units within a detached dwelling and allows two-family detached dwellings (duplexes) on small lots.
Proposed Actions for Next Year	<ul style="list-style-type: none"> - Continue to support the work of the Energy Task Force - Continue to encourage development conforming to the new Zoning Bylaw.

Action Type	Building and Lighting (e.g. developed green building policy, increased density in the downtown)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Energy Generation (e.g. signed on to provincial 'solar ready' regulation, explored options for bioheating for buildings)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Green Space (e.g. developed urban forestry policy, adopted park acquisition policy)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Transportation (e.g. developed sustainable transportation plan, completed bicycle master plan)
Actions Taken this Year	- Continue to lobby BC Transit for increased bus service to Red Mountain.
Proposed Actions for Next Year	- Continue to lobby BC Transit for increased bus service to Red Mountain.

Action Type	Waste (e.g. introduced composting and recycling education programs)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Water/Sewer (e.g. participated in water smart initiatives, implemented Water Action Plan, introduced rebates on low flush toilets)
Actions Taken this Year	- Signed onto Water Smart Charter; drafted a Water Smart Action Plan and participated in the Water Smart Ambassador program
Proposed Actions for Next Year	- Continue to implement the Water Smart Action Plan and participate in the Water Smart Ambassador program.

Action Type	<i>Other Actions</i>
Actions Taken this Year	<ul style="list-style-type: none"> - <i>The municipality partnered with FortisBC and the Rossland branch of the Nelson & District Credit Union in a program developed by the Rossland Energy Task Force, "Rossland on an Energy Diet", whereby residents were able to have a FREE energy audit and assistance in obtaining grants and low interest loans to fund energy efficient upgrades. There were also light bulb exchanges, Christmas light exchanges, and free caulking, clotheslines and light bulbs were given out.</i>
Proposed Actions for Next Year	<ul style="list-style-type: none"> - <i>Wrap up "Rossland on an Energy Diet" and support FortisBC in energy conservation initiatives.</i> - <i>Continue to support the Energy Task Force in subsequent initiatives.</i>

Direct Community Wide Actions

Action Type	Buildings (e.g. implement use of sustainability checklists and development permit guidelines for new buildings)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Energy Generation (e.g. implement district energy, geothermal, solar)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Transportation (e.g. implement bike lanes, pedestrian paths, upgrade transit service and infrastructure, improve roads, parking fees etc.)
Actions Taken this Year	- Completed 3 more pedestrian trails to encourage less vehicle use and more walking and cycling within the City.
Proposed Actions for Next Year	- Complete 2 or 3 more pedestrian trails to encourage less vehicle use and more walking and cycling within the City.

Action Type	Waste (e.g. introduce composting and recycling programs)
Actions Taken this Year	- Offered spring & fall cleanup program for organic waste to reduce individual vehicle traffic to the landfill in Trail and reduce illegal dumping of waste.
Proposed Actions for	

Next Year	- Continue to offer spring & fall cleanup program for organic waste to reduce individual vehicle traffic to the landfill in Trail and reduce illegal dumping of waste.
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Action Type	Water/Sewer (e.g. implement water conservation and reduction initiatives)
Actions Taken this Year	<ul style="list-style-type: none"> - 3rd year of 3 year Water Meter Incentive program to provide water meters to residents in an effort to reduce water consumption and delay infrastructure upgrades. - 3rd year of 3 year Low Flush Toilet rebate for residents who install low flush toilets in their homes. - Hired a Water Smart Ambassador to educate the community on water conservation and provide irrigation audits for homes and businesses.
Proposed Actions for Next Year	<ul style="list-style-type: none"> - Wrap up Water Meter Incentive program and implement a plan for 100% compliance in installing water meters. - Continue the Water Smart Ambassador program with education and irrigation and fixture audits being provided to residents and businesses.

Action Type	Green Space (e.g. plant trees, conserve forest etc.)
Actions Taken this Year	- Require parkland dedication from major subdivisions particularly focused on riparian areas.
Proposed Actions for Next Year	- Continue to require parkland dedication from major subdivisions.

Action Type	Other Actions
Actions Taken this Year	
Proposed Actions for Next Year	

1.4 Community Wide 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	

Corporate Actions for 2011

2.1 Measure

Corporate Measurement Actions

Question	What steps has your local government taken toward completing its corporate emissions inventory (e.g. corporate assets gathered related to energy and fuel data and calculated GHG emissions from energy use)?
Answer	<i>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 that time.</i>

Question	What tool are you using to measure, track and report on your corporate emissions (e.g. SMARTtool, other tools including excel spreadsheets)?
Answer	<i>We currently track corporate emissions using Excel spreadsheets and the Carbon Neutral Kootenays template. However, we have signed up for SMARTtool and will be using it starting in 2012.</i>

2.2 Reduce

Supportive Corporate Actions

Action Type	Broad Planning (e.g. developed corporate climate action plan)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Building and Lighting (e.g. developed energy reduction plan for all corporate buildings)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Energy Generation (e.g. undertook feasibility study of green energy generation for civic buildings)
Actions Taken this Year	
Proposed Actions for Next Year	- Plan to investigate the possibility of power generation from water & waste water sources.

Action Type	Transportation (e.g. created anti-idling policy for city vehicles, bike to work week promotion)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Waste (e.g. completed waste audit of City Hall)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	<i>Water/Sewer (e.g. completed study of sewer and water energy use)</i>
Actions Taken this Year	<ul style="list-style-type: none"> - Completed a Water Use Assessment study to identify water use by customer categories and areas of high water use for future planning. - Completed a Water Source Assessment study to identify types of hazards to the City's water sources and how to mitigate those hazards in the future.
Proposed Actions for Next Year	

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

Direct Corporate Actions

Action Type	Building and Lighting (e.g. energy efficiency retrofits to municipal buildings)
Actions Taken this Year	<ul style="list-style-type: none"> - Participated in FortisBC FLIP program and had lighting changed in 3 City facilities to energy efficient fixtures & bulbs. - Changed lighting in City Hall & the Curling Risk to energy efficient bulbs. - Energy efficiency upgrades in Recreation Complex to reduce GHG emissions.
Proposed Actions for Next Year	<ul style="list-style-type: none"> - Incorporate energy efficient upgrades whenever regular building maintenance occurs. - Investigating retrofiting the street light grid to more energy efficient lighting.

Action Type	Energy Generation (e.g. implemented heat recovery systems, solar)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Fleet (e.g. anti-idling policies for fleet vehicles, purchasing of hybrid)
Actions Taken this Year	
Proposed Actions for Next Year	<ul style="list-style-type: none"> - Will continue to update Fleet with more energy efficient vehicles.

Action Type	Waste (e.g. introduction of composting and recycling programs and education)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Water/Sewer (e.g. initiated water conservation and reduction initiatives)
Actions Taken this Year	- <i>Installed water timers on water supply at City parks.</i>
Proposed Actions for Next Year	

Action Type	Green Space (e.g. planting of trees)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Other Actions
Actions Taken this Year	
Proposed Actions for Next Year	

2.3 Corporate Innovations

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 (Not Required for 2011)

Tonnes CO2e

Corporate emissions using SMARTTool or equivalent inventory tool	0
Emissions from services delivered directly by the local government	
<i>Emissions from contracted services</i>	
Less: GHG reductions being claimed for this reporting year from Option 1 - GHG reduction project	0
<i>Energy Efficient Building Retrofits and Fuel Switching</i>	
<i>Solar Thermal</i>	
Household Organic Waste Composting	
<i>Low Emissions Vehicles</i>	
Less: GHG reductions being claimed for this reporting year from Option 2 - GHG reduction projects Please list all Option 2 Projects Implemented (insert title of the projects(s) as per project plan template. If you have more than two Option 2 projects you can add more lines at the bottom of this sheet)	0
Less: Offsets purchased for this reporting year (Option 3)	
Balance of corporate emissions for this reporting year. <i>(If the corporate emissions balance is zero, your local government is carbon neutral for this reporting year)</i>	0

Making Progress on Your Carbon Neutral Commitment

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	