

Climate Action Revenue Incentive Plan (CARIP) Public Report

Climate Action Revenue Incentive (CARIP) Public Report for YEAR 2012

- *City of Grand Forks*
- *Regional District
Kootenay
Boundary*
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General Information

Name of Local Government

Member of Regional District (RD)

Regional Growth Strategy (RGS) in region

Population

City of Grand Forks

Regional District Kootenay

Boundary

In Progress

4036

Community-Wide Actions for 2012

1.1 Measure

Community-Wide Measurement Actions

Question	Have you been using the <i>Community Energy and Emissions Inventory (CEEI)</i> to measure progress? What else have you been using instead of/in addition to CEEI?
Answer	Yes
Additional Information	<i>The City of Grand Forks has been collecting data through our Municipal and Fortis utility billing information. The feet fuel and maintenance data has been collected through our fuel monitoring system and spreadsheets</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 <i>Local Governments Act (LGA)</i> ? If yes, please identify the targets set. If no or in progress, please comment.
Answer	Yes
Additional Information	<i>The City's (SCP) Sustainable Community Plan has set the GHG emissions reduction target of 33% below the 2007 levels to be achieved by 2030</i>

Question	If you are a Regional District, does your RGS 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.
Answer	No

Additional Information	<i>The data collected by the City only reflects consumption within the Municipal boundaries and does not include any of the data collected by the Regional District</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	<i>The City Council has adopted the (SCP) Sustainable Community Plan. The (BAQC) Boundary Air Quality Committee and the City have under taken an Air Quality study with a Nephelometer on loan to the City by the University of Victoria</i>
Proposed Actions for Next Year	<i>To complete the year long Nephelometer study of the overall Air Quality in Grand Forks, and also continue to work with the SCP to implement objectives and policies laid out within the plan in the coming years.</i>

Action Type	Building and Lighting (e.g. developed green building policy, increased density in the downtown)
Actions Taken this Year	<i>The City has partnered with the Carbon Neutral Kootenays to undertaken an energy and lighting audit on six of our major facilities.</i>
Proposed Actions for Next Year	<i>Once the audit report has been completed the City will then propose actions to start reducing emissions on our facilities.</i>

Action Type	Energy Generation (e.g. signed on to provincial 'solar ready' regulation, explored options for bio-heating for buildings)
Actions Taken this Year	<i>Solar initiatives are ongoing and being explored by the BAQC committee.</i>
Proposed Actions for Next Year	<i>The Solar Hot Water Plan for new construction is still in the ingestion and review stages at this time.</i>

Action Type	Green Space (e.g. developed urban forestry policy, adopted park acquisition policy)
Actions Taken this Year	<i>The City is also committed to the replacement and replanting of trees within our community.</i>
Proposed Actions for Next Year	<i>This practice will continue in the years to come.</i>

Action Type	Transportation (e.g. developed sustainable transportation plan, completed bicycle master plan)
Actions Taken this Year	<i>The City will continue to develop more pedestrian and cycling pathways as per the City's bicycle network plan as we move forward.</i>
Proposed Actions for Next Year	<i>Improvements and new areas will be developed as the operational budgets allow in 2013.</i>

Action Type	Waste (e.g. introduced composting and recycling education programs)
Actions Taken this Year	<i>The City and Regional District have been working together to develop and implement a Kitchen Waste recycling program in 2012 for our residential customers. (Green Bin Collection and Composting)</i>
Proposed Actions for Next Year	<i>The City will be working with the Regional District to investigate the possibility of this program to be adapted to the commercial business within our community.</i>

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	<i>The City is investigating the installation of water meters on our residential properties to help reduce water consumption and pumping costs.</i>

Proposed Actions for Next Year	<i>To continue with the investigation and the possible implementation of water meters. This program will depend on the budgetary implications in 2013</i>
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Action Type	Other Actions
Actions Taken this Year	
Proposed Actions for Next Year	

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	<i>Through the Sustainable Community Plan, the City plans to encourage the use of new green technologies in new building construction.</i>

Action Type	Energy Generation (e.g. implement district energy, geothermal, solar)
Actions Taken this Year	<i>One event is the Solar cars races. The students design and build solar cars and then gather to race the cars. Through this program they learn about the potential of the suns energy.</i>
Proposed Actions for Next Year	<i>The City is continuing to endorse solar events and promotional materials through the Economical Development Committee.</i>

Action Type	Transportation (e.g. implements bike lanes, pedestrian paths, upgrade transit service and infrastructure, improve roads, parking fees etc.)
Actions Taken this Year	<i>The City has adopted a new vehicle purchasing policy in 2012</i>
Proposed Actions for Next Year	<i>The proposed purchases for this year will be the most fuel efficient and correct size vehicle for the tasks that vehicles will be used for. The City will also be working with the Sustainable Community Plan for further development of pedestrian and cycling pathways within the City.</i>

Action Type	Waste (e.g. introduce composting and recycling programs)
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Actions Taken this Year	<i>The City and Regional District have been working to implement a Kitchen Waste recycling program in 2012 for our residential customers. (Green Bin Collection and Composting)</i>
Proposed Actions for Next Year	<i>The Green Bin Collection program has proven to be successful and the City will continue working with the Regional District to investigate the possibility of this program to be adapted to include collection for the commercial business within our community.</i>

Action Type	Water/Sewer (e.g. implement water conservation and reduction initiatives)
Actions Taken this Year	<i>The City has completed an Aquifer Nitrate Study. The City has also started a Source Water Protection Plan and a West Side Fire Protection study in 2012</i>
Proposed Actions for Next Year	<i>The objective is to complete both the Source Water Protection Plan and a West Side Fire Protection Study in 2013</i>

Action Type	Green Space (e.g. plant trees, conserve forest etc.)
Actions Taken this Year	<i>The City is also committed to the replacement and replanting of trees within our community.</i>
Proposed Actions for Next Year	<i>This practice will continue in the years to come.</i>

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 2012

2.1 Measure

Corporate Measurement Actions

Question	What steps has your local government taken toward completing its corporate emissions inventory (e.g. corporate assets identified related to energy and fuel data and calculated GHG emissions from energy use)?
Answer	<i>The City of Grand Forks has been collecting data through our Municipal and Fortis utility billing information. The Fleet Fuel and maintenance data has been collected through our fuel monitoring system and spreadsheets</i>

Question	What tool are you using to measure, track and report on your corporate emissions (e.g. SMART tool, other tools including excel spreadsheets)?
Answer	<i>In 2012 the City has incorporated the use of the Smart tool program to enter and submit the data that we have collected.</i>

2.2 Reduce

Supportive Corporate Actions

Action Type	Broad Planning (e.g. <i>developed corporate climate action plan</i>)
Actions Taken this Year	<i>The City of Grand Forks and Carbon Neutral Kootenays developed the Carbon Neutral Action Plan in 2012</i>
Proposed Actions for Next Year	<i>To continue with the implementation of actions listed in the Carbon Neutral Action Plan.</i>

Action Type	Building and Lighting (e.g. developed energy reduction plan for all corporate buildings)
Actions Taken this Year	The Energy Audits have been completed on the City Hall, Fire Hall, Public Works, Gallery 2, Library and Airport Terminal facilities in Grand Forks.
Proposed Actions for Next Year	To investigate and implement some of the recommendations that has been brought to our attention by the Buildings Energy Audit Report.

Action Type	Energy Generation (e.g. undertook feasibility study of green energy generation for civic buildings)
Actions Taken this Year	Due to budget restrains in 2012 some of the proposed plans had to be put on hold until the next fiscal year.
Proposed Actions for Next Year	In 2013 the City is planning to continue with investigations in to energy savings through solar initiatives.

Action Type	Transportation (e.g. created anti-idling policy for city vehicles, bike to work week promotion)
Actions Taken this Year	The City has adopted a new vehicle purchasing policy.
Proposed Actions for Next Year	Proposed purchases for this year will be the most fuel efficient and correct size of vehicle for their intend use.

Action Type	Waste(e.g. completed waste audit of City Hall)
Actions Taken this Year	The City and Regional District have joined forces to implement a Kitchen Waste recycling program in 2012 for our residential customers. (Green Bin Collection and Composting)

Proposed Actions for Next Year	<i>The City will be working with the Regional District to investigate the possibility of this program to be adapted to the commercial business within our community.</i>
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Action Type	<i>Water/Sewer (e.g. completed study of sewer and water energy use)</i>
Actions Taken this Year	<i>The City has completed an Aquifer Nitrate Study. The City has also started a Source Water Protection Plan and a West Side Fire Protection study both to be completed in 2013</i>
Proposed Actions for Next Year	<i>Is to complete both the Source Water Protection Plan and a West Side Fire Protection Study in 2013</i>

Action Type	Other Actions
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	<i>Several of the large equipment bay doors have been replaced with new doors with a high R value and improved weather stripping to prevent heat loss from the build.</i>
Proposed Actions for Next Year	<i>The plan is to replace another group of bay doors this year. To replace some of the aging inefficient gas furnaces in two of our facilities, and start with lighting upgrades at the Public Works facility and City Hall.</i>

Action Type	Energy Generation (e.g. implemented heat recovery systems, solar)
Actions Taken this Year	<i>The City has installed additional remote thermostats in the City Hall building to improve the balance of heat and cooling systems in an effort to reduce energy consumption</i>
Proposed Actions for Next Year	<i>The 2013 budget will reflect the City's commitment to improving our GHG emissions on other Municipal Facilities (Public Works and Fire Hall)</i>

Action Type	Fleet (e.g. anti-idling policies for fleet vehicles, purchasing of hybrid)
Actions Taken this Year	<i>The City has adopted a new vehicle purchasing policy.</i>
Proposed Actions for Next Year	<i>Proposed purchases for this year will be the most fuel efficient and correct size of vehicle for their intend use.</i>

Action Type	Waste (e.g. introduction of composting and recycling programs and education)
Actions Taken this Year	<i>This is a Regional District Function</i>

Proposed Actions for Next Year	<i>The will continue to work with the Regional District to improve collection of waste products.</i>
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Action Type	Water/Sewer (e.g. initiated water conservation and reduction initiatives)
Actions Taken this Year	<i>The City is investigating the installation of water meters on our residential properties to help reduce water consumption and pumping costs.</i>
Proposed Actions for Next Year	<i>To continue with the investigation and possible implementations of water meters. This program will depend on the budgetary implications in 2013</i>

Action Type	Green Space (e.g. planting of trees)
Actions Taken this Year	<i>The City is also committed to the replacement and replanting of trees within our community.</i>
Proposed Actions for Next Year	<i>This practice will continue in the years to come.</i>

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
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	describe and add links to additional information where possible.
Answer	

Carbon Neutral Progress Reporting

Tonnes CO2e

Annual corporate emissions using SMART Tool or equivalent inventory tool 325

Emissions from services delivered directly by the local government 300

Emissions from contracted services 0

0

Less:

GHG reductions being claimed for this reporting year from Option 1 - GHG reduction project

Energy Efficient Building Retrofits and Fuel Switching 0

Solar Thermal 0

Household Organic Waste Composting 0

Low Emissions Vehicles 0

0

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)

325

Less:

Offsets purchased for this reporting year (Option 3). Please identify your offset provider in the offset provider information section below.

0

Balance of corporate emissions for this reporting year.

(If the corporate emissions balance is zero, your local government is carbon neutral for this reporting year)

Making Progress on Your Carbon Neutral Commitment

Question	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>
Answer	

Offset Provider	
We have already purchased	
Or, will purchase by June 1, 2013	

