

# CLIMATE ACTION REVENUE INCENTIVE PROGRAM (CARIP) PUBLIC | For Reporting Year = 2013

GENERAL INFORMATION	Fill in the boxes below
Name of Local Government	City of White Rock
Member of Regional District (RD)	Metro Vancouver
Regional Growth Strategy (RGS) in region	
Population	19,339
Report Submitted by	
Name	Greg St. Louis
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# CLIMATE ACTION REVENUE INCENTIVE PROGRAM (CARIP) PUBLIC REPORT

## For Reporting Year = 2013

### Community-Wide Actions

1.1 MEASURE		
Community Wide Measurement Actions	ANSWER	ADDITIONAL INFORMATION
<b>QUESTION</b> Have you been using the <i>Community Energy and Emissions Inventory</i> (CEEI) to measure progress? What else have you been using instead of/in addition to CEEI?	No	In the Fall of 2013 implementation of a software based GHG emissions inventory reporting and energy management program began
1.2 PLAN		
Community Wide Targets	ANSWER	ADDITIONAL INFORMATION
<b>QUESTION</b> Do your OCP(s) have targets, policies and actions to reduce GHG emissions, as per the requirements under the <i>Local Governments Act</i> (LGA)? If yes, please identify the targets set. If no or in progress, please comment.	Yes	In accordance with the recommendations of the 2010 City of White Rock Community Climate Action Plan, the City will seek to reduce greenhouse gas (GHG) emissions 10% below 2007 levels by 2020 and 50% below 2007 levels by 2050
1.3 REDUCE		
<i>Supportive Community-Wide Actions</i>		
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<b>Broad Planning</b> (e.g. creation/revision of OCPs, CEPs, transportation plans) <b>Building and Lighting</b> (e.g. developed green building policy, increased density in the downtown)	<b>Actions Taken in 2013</b> Revised OCP to allow for increased density in White Rock Town Centre Adopted a new Zoning Bylaw that incorporates a Town Centre Plan with increased densities related to the Density Bonus Policy Promote energy efficiency and GHG reduction in the community Supported invasive plant removal project performed by community volunteers. Completed a rehabilitation of a portion of the ravine lands Completed school road safety reports for both schools in City	<b>Proposed Actions for 2014</b> Update the City's Strategic Transportation Plan Amend the Zoning Bylaw and OCP to provide increased densities in the Lower Town Centre area and the apartment areas bordering North Bluff Road Promote energy efficiency and GHG reduction in the community Expand the existing Ecosystem Enhancement Areas in the Tree Management Bylaw to include all of the RS-1 and RS-4 zoned properties Update the City's Strategic Transportation Plan
<b>Energy Generation</b> (e.g. signed on to provincial 'solar ready' regulation, explored options for bioheating for buildings) <b>Green Space</b> (e.g. developed urban forestry policy, adopted park acquisition policy)	Supported shoreline clean up projects performed by community groups by providing garbage bags and pick up of litter collected at the end of the day Worked on implementation of storm and sanitary master plans Ongoing support of the community garden	Under take a review with the goal of enhancements to solid waste collection program by including more items in the recycling stream Update Sewer Bylaw to reflect new regulations regarding grease interceptors and garburetors Updates to the Adopt A Park program
<b>Transportation</b> (e.g. developed sustainable transportation plan, completed bicycle master plan)		
<b>Waste</b> (e.g. introduced composting and recycling education programs)		
<b>Water/Sewer</b> (e.g. participated in water smart initiatives, implemented Water Action Plan, introduced rebates on low flush toilets) <b>Other Actions</b>		
<i>Direct Community-Wide Actions</i>		
<i>Community-Wide Direct Actions</i>		
<b>Buildings</b> (e.g. implement use of sustainability checklists and development permit guidelines for new buildings)	<b>Actions Taken in 2013</b> Adopted of Town Centre guidelines which include provisions for 'green' building practices including planted roofs, use of recycled materials, use of renewable energy sources, etc. Installed 2 electric vehicle charging stations on City property Installed traffic bulges in neighbourhood/school intersections to increase pedestrian safety	<b>Proposed Actions for 2014</b> Update Subdivision Bylaw with sustainability in mind. Develop Lower Town Centre guidelines with 'green' building practices Installation of 4 solar powered pedestrian signals Extension of pedestrian walking path along promenade and hillside walkway improvements to better connect pedestrian traffic Additional recyclables added to curbside collection
<b>Energy Generation</b> (e.g. implement district energy, geothermal, solar) <b>Transportation</b> (e.g. implement bike lanes, pedestrian paths, upgrade transit service and infrastructure, improve roads, parking fees etc.)	Continued backyard composter subsidy for residents Conducted point repairs on storm and sanitary sewers	Support Fraser Basin Council's Regional Flood Management Strategy Development of a vegetation management plan
<b>Waste</b> (e.g. introduce composting and recycling programs) <b>Water/Sewer</b> (e.g. implement water conservation and reduction initiatives) <b>Green Space</b> (e.g. plant trees, conserve forest etc.)	Approximately 135 replacement trees required for trees removed for construction purposes (not all replanted in 2013)	
<b>Other Actions</b>		
1.4 COMMUNITY-WIDE 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.	Answer	n/a

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## Corporate Actions

2.1 MEASURE																	
<p><b>Corporate Measurement Actions</b></p> <p><b>QUESTION</b>                      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)?                      What tool are you using to measure, track and report on your corporate emissions (e.g. SMARTtool, other tools including excel spreadsheets)?</p>	<p><b>Answer</b></p> <p>In late 2013 implementation of a new program for measuring corporate emissions began</p> <p>GHG Reporting SoFi Software</p>																
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<p><b>Supportive Corporate Actions</b></p> <p><b>Supportive Corporate Actions</b></p> <p><i><b>Broad Planning</b> (e.g. developed corporate climate action plan)</i></p> <p><i><b>Building and Lighting</b> (e.g. developed energy reduction plan for all corporate buildings, Energy Generation (e.g. undertook feasibility study of green energy generation for civic buildings)</i></p> <p><i><b>Transportation</b> (e.g. created anti-idling policy for city vehicles, bike to work week promotion)</i></p> <p><i><b>Waste</b> (e.g. completed waste audit of City Hall)</i></p> <p><i><b>Water/Sewer</b> (e.g. completed study of sewer and water energy use)</i></p> <p><i><b>Other Actions</b></i></p>	<table border="1"> <thead> <tr> <th>Actions Taken in 2013</th> <th>Proposed Actions for 2014</th> </tr> </thead> <tbody> <tr> <td>Reviewed progress of 2010 Community Climate Action Plan</td> <td>Develop plans for Lower Town Centre and the east and west apartment areas that include increased densities and design guidelines for 'green' building practices</td> </tr> <tr> <td>Implemented tool for analyzing energy use in City facilities</td> <td>Audit of energy use in City facilities</td> </tr> <tr> <td>Installed 2 electric vehicle charging stations at Operations Department</td> <td>Review locations and need for additional electric vehicle charging stations</td> </tr> <tr> <td>Purchased electric utility vehicle for staff use</td> <td>Consider more energy efficient vehicles in fleet vehicle replacements</td> </tr> <tr> <td>Calculated diversion rates and reviewed progress on meeting Metro Vancouver's diversion rates</td> <td>Develop an integrated solid waste management plan</td> </tr> <tr> <td>Conducted CCTV inspections of storm and sanitary sewers</td> <td>Develop a long term plan to reduce inflow and infiltration</td> </tr> </tbody> </table>	Actions Taken in 2013	Proposed Actions for 2014	Reviewed progress of 2010 Community Climate Action Plan	Develop plans for Lower Town Centre and the east and west apartment areas that include increased densities and design guidelines for 'green' building practices	Implemented tool for analyzing energy use in City facilities	Audit of energy use in City facilities	Installed 2 electric vehicle charging stations at Operations Department	Review locations and need for additional electric vehicle charging stations	Purchased electric utility vehicle for staff use	Consider more energy efficient vehicles in fleet vehicle replacements	Calculated diversion rates and reviewed progress on meeting Metro Vancouver's diversion rates	Develop an integrated solid waste management plan	Conducted CCTV inspections of storm and sanitary sewers	Develop a long term plan to reduce inflow and infiltration		
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<p><b>Direct Corporate Actions</b></p> <p><i><b>Building and Lighting</b> (e.g. energy efficiency retrofits to municipal buildings )</i></p> <p><i><b>Energy Generation</b> (e.g. implemented heat recovery systems, solar)</i></p> <p><i><b>Fleet</b> (e.g. anti-idling policies for fleet vehicles, purchasing of hybrid)</i></p> <p><i><b>Waste</b> (e.g. introduction of composting and recycling programs and education)</i></p> <p><i><b>Water/Sewer</b> (e.g. initiated water conservation and reduction initiatives)</i></p> <p><i><b>Green Space</b> (e.g. planting of trees )</i></p> <p><i><b>Other Actions</b></i></p>	<table border="1"> <thead> <tr> <th>Actions Taken in 2013</th> <th>Proposed Actions for 2014</th> </tr> </thead> <tbody> <tr> <td>Conducted seismic assessment of City Hall</td> <td>Energy retrofits include replacement of HVAC and windows with higher levels of energy efficiency in 2 City facilities and roof replacement at City Hall</td> </tr> <tr> <td>Reviewed various HVAC technology for implementation at City facilities</td> <td>Review incentive programs</td> </tr> <tr> <td>Reviewed alternative fuels for recycling truck purchases</td> <td>Consider purchasing electric utility vehicles instead of full size gas vehicles for City fleet</td> </tr> <tr> <td>Ongoing promotion of organics collection program</td> <td>Development of system for organic waste collection to multi-family and commercial locations</td> </tr> <tr> <td>Prepared business case for the possible purchase of water utility</td> <td>Review Bylaws to consider rainwater management practices</td> </tr> <tr> <td>Planted 45 trees and landscaping throughout the community</td> <td>Assess the City's tree canopy</td> </tr> <tr> <td>Did not support expansion of Fraser Surrey Docks coal handling facility</td> <td></td> </tr> </tbody> </table>	Actions Taken in 2013	Proposed Actions for 2014	Conducted seismic assessment of City Hall	Energy retrofits include replacement of HVAC and windows with higher levels of energy efficiency in 2 City facilities and roof replacement at City Hall	Reviewed various HVAC technology for implementation at City facilities	Review incentive programs	Reviewed alternative fuels for recycling truck purchases	Consider purchasing electric utility vehicles instead of full size gas vehicles for City fleet	Ongoing promotion of organics collection program	Development of system for organic waste collection to multi-family and commercial locations	Prepared business case for the possible purchase of water utility	Review Bylaws to consider rainwater management practices	Planted 45 trees and landscaping throughout the community	Assess the City's tree canopy	Did not support expansion of Fraser Surrey Docks coal handling facility	
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