Climate Action Revenue Incentive Plan (CARIP) Public Report

Climate Action Revenue Incentive (CARIP) Public Report for YEAR

City of Coquitlam

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Coquitlam

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General Information

Name of Local Government	*City of Coquitlam*
Member of Regional District (RD)	
Regional Growth Strategy (RGS) in region	*Yes*
Population	*129716*

Community-Wide Actions for 2012

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	**Yes**
Additional Information	**The CEEI was used to *support original Community GHG target setting in 2011 and is anticipated to be used to monitor progress moving forward. Other data for monitoring progress will include Census and spatial GIS analysis.***

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	**Work *in cooperation with senior levels of government to reduce the City's annual community-wide greenhouse gas emissions 15% below 2007 levels by 2031 and per capita greenhouse gas emissions 30% blow 2007 levels by 2021.***

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 *Local Governments Act* (LGA)? If yes, please identify the targets set. If no or in progress, please comment.**
Answer	

Additional Information	

1.3 Reduce

Supportive Community-Wide Actions

Action Type	**Broad Planning (e.g. creation/revision of OCPs, CEPs, transportation plans)**
Actions Taken this Year	**Prepared *and adopted Coquitlam's Transit-Oriented Development Strategy. Completed Coquitlam's Community GHG Reduction Strategy. Continued Progress on Neighbourhood Plan update/preparation for Maillardville and Partington creek Neighbourhood Plans.***
Proposed Actions for Next Year	**Complete *the Maillardville neighbourhood Plan Update. Complete the Partington Creek Neighbourhood Plan. Initiate the Burquitlam and Lougheed Neighbourhood Plan Updates.***

Action Type	**Building and Lighting (e.g. developed green building policy, increased density in the downtown)**
Actions Taken this Year	**Revised *apartment and mixed-use zones applicable to future Evergreen Line Station areas with more transit supportive densities.***
Proposed Actions for Next Year	**Review *and update, where applicable, land use and urban design provisions in Evergreen Line Station Areas through Neighbourhood and Area Plan updates.***

Action Type	**Energy Generation (e.g. signed on to provincial 'solar ready' regulation, explored options for bioheating for buildings)**
Actions Taken this Year	**Initiated *feasibility studies for District Energy systems in Maillardville, Partington Creek, Austin Heights, Burquitlam, and City Centre***
Proposed Actions for Next Year	**Review *study results and prepare plan for District Energy***

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	
Proposed Actions for Next Year	

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	
Proposed Actions for Next Year	

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	**Continued *Implementation of transit supportive mixed-use and aprtment residential development aroubd future Evergreen Line Station areas, including City Centre, Lougheed and Burquitlam.***
Proposed Actions for Next Year	**Continued *implementation of transit-oriented development in Evergreen Line station areas.***

Action Type	**Energy Generation (e.g. implement district energy, geothermal, solar)**
Actions Taken this Year	**Completed *feasibility study for City Centre Campus District Energy system.***
Proposed Actions for Next Year	**Begin *construction of City Centre Campus District Energy system based on economic viability of system.***

Action Type	**Transportation (e.g. implement bike lanes, pedestrian paths, upgrade transit service and infrastructure, improve roads, parking fees etc.)**
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	**Waste (e.g. introduce composting and recycling programs)**
Actions Taken this Year	**Encouraged *residents to participate in the Green Can program by educating through events, presentations to schools, newspaper advertising, brochures and door-to-door***

	visits. Conducted composting presentations to public during international Composting Week.
Proposed Actions for Next Year	

Action Type	**Water/Sewer (e.g. implement water conservation and reduction initiatives)**
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	**Green Space (e.g. plant trees, conserve forest etc.)**
Actions Taken this Year	
Proposed Actions for Next Year	

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	**Preparation** ***of the transit-oriented Development Strategy. This corridor-wide strategy will guide more detailed local area planning alignment with key transit-oriented development objectives.***

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	**The *City performs detailed tracking of all energy consumed in corporate assets annually.***

Question	**What tool are you using to measure, track and report on your corporate emissions (e.g. SMARTtool, other tools including excel spreadsheets)?**
Answer	**Internally *developed spreadsheets and software.***

2.2 Reduce

Supportive Corporate Actions

Action Type	**Broad Planning (e.g. *developed corporate climate action plan)***
Actions Taken this Year	**Followed *objectives in corporate climate action plan developed in 2007.***
Proposed Actions for Next Year	

Action Type	**Building and Lighting (e.g. *developed energy reduction plan for all corporate buildings)***

Actions Taken this Year	**Completed** ***Detailed Proposal for Energy efficiency retrofits of 15 largest buildings***
Proposed Actions for Next Year	**Develop** ***policy to regulate staff behaviour concerning energy, develop a culture of energy conservation and build expectations concerning staff use of behaviour into job functions***

Action Type	**Energy Generation (e.g.** ***undertook feasibility study of green energy generation for civic buildings)***
Actions Taken this Year	**Completed** ***District Energy Feasibility study for City Centre campus.***
Proposed Actions for Next Year	

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	**Conducted** ***a waste audit of Civic Facilitiesto estimate how much waste could be diverted with an improved recycling system.***
Proposed Actions for Next Year	

Action Type	**Water/Sewer (e.g.** ***completed study of sewer and water energy use)***

Actions Taken this Year	
Proposed Actions for Next Year	

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	**Installed *high-efficiency boilers, performed lighting retrofits, instituted controls and operational adjustments to reduce energy consumption and continued a staff education and awareness campaign to reduce energy use affected by staff behaviour***
Proposed Actions for Next Year	**Perform *energy-efficiency retrofits of 15 largest buildings and extend staff behavioural campaign.***

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	

Action Type	**Waste (e.g. introduction of composting and recycling programs and education)**
Actions Taken this Year	
Proposed Actions for Next Year	**Introduce *organics recycling to civic facilities, including food scraps, paper plates, and paper towels to be composted.***

Action Type	**Water/Sewer (e.g. initiated water conservation and reduction initiatives)**
Actions Taken this Year	
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	**Coquitlam** ***has a very progressive staff behavioural campaign that is achieving measurable reductions in energy consumption of 600,000 kWh annually and the City is currently expanding the program to achieve greater results.***

Carbon Neutral Progress Reporting

Tonnes CO2e

Annual corporate emissions using SMARTTool or equivalent inventory tool	**5064.8**
Emissions from services delivered directly by the local government	**5051**
Emissions from contracted services	**13.8**
	4429
Less:	
GHG reductions being claimed for this reporting year from Option 1 - GHG reduction project	
Energy Efficient Building Retrofits and Fuel Switching	
Solar Thermal	
Household Organic Waste Composting	
Low Emissions Vehicles	
	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)	
Less:	
Offsets purchased for this reporting year (Option 3). Please identify your offset provider in the offset provider information section below.	
	635.8
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.** ***(If the corporate emissions balance is zero, your local government is carbon neutral for this reporting year)***
Answer	

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