

Climate Action Revenue Incentive Plan (CARIP) Public Report

Climate Action Revenue Incentive (CARIP) Public Report for YEAR

*District of Central Saanich
Capital Regional District*

Reported by
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General Information

Name of Local Government	<i>District of Central Saanich</i>
Member of Regional District (RD)	<i>Capital Regional District</i>
Regional Growth Strategy (RGS) in region	<i>Yes</i>
Population	

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	Yes
Additional Information	<i>fill in response here</i> <i>(for the answer to the left, select from the pull down menu)</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>GHG emissions 33% below 2007 levels by 2020; 80% below by 2050. Also to incorporate goals of the Climate Action Plan</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 Local Governments Act (LGA)? If yes, please identify the targets set. If no or in progress, please comment.
Answer	

Additional Information	
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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>for rezonings for SF development, new buildigns are to achieve EnerGuide rating of at least 80 under NRC rating system.</i>
Proposed Actions for Next Year	

Action Type	Building and Lighting (e.g. developed green building policy, increased density in the downtown)
Actions Taken this Year	<i>Started Densification Study for the community; initiated LED light demo at Centennial Park; installed "pay as you go" lighting for new tennis courts, including automatic shut-off after park closing; Street light replacement program (standardizing the lights throughout the district over 100 replaced to date)</i>
Proposed Actions for Next Year	<i>Complete Densification study; begin implementation of recommendations. Continuation of Streetlight replacement program to all District owned streetlights.</i>

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	<i>Incentives for 3rd party operators of District facilities to encourage energy efficiencies in their operations</i>

Action Type	Green Space (e.g. developed urban forestry policy, adopted park acquisition policy)
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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	<i>Completon of Master Water Plan; begin implementation of Water Conservation paln inMt. Newton/Senanus area</i>

Action Type	Other Actions
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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	

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	<i>Constructed pedestrian pathways and bike lanes on East Saanich Rd south of Cultra</i>
Proposed Actions for Next Year	<i>Continuation of Bike Lane expansion to Wallace Drive;</i>

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

Action Type	Water/Sewer (e.g. implement water conservation and reduction initiatives)
Actions Taken this Year	<i>Prepared Water Conservation plan for Mt. Newton/Senanus Water area</i>
Proposed Actions for Next Year	

Action Type	Green Space (e.g. plant trees, conserve forest etc.)
Actions Taken this Year	<i>Use of native plantings in landscaping to reduce watering requirements; over 150 trees and 700 shrubs planted in 2011</i>
Proposed Actions for Next Year	<i>annual tree planting program to continue, arrange with local schools for classes to assist and learn about the value of green space</i>

Action Type	Other Actions
Actions Taken this Year	<i>Continued Implementation of Integrated Stormwater Management Plan</i>
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	<i>Award Winning Integrated Stormwater Management Plan, including establishment of Healthy Watershed Committee consisting of residents led by co-ordinator (Link: http://www.centrialsaanich.ca/hall/Departments/Engineering___Public_Works/Integrated_Stormwater_Management_Plan__ISMP__Study.htm)</i>

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>The District of Central Saanich has compiled emissions data from 2004 onward.</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 will be using the SMARTTool</i>

2.2 Reduce

Supportive Corporate Actions

Action Type	Broad Planning (e.g. developed corporate climate action plan)
Actions Taken this Year	<i>Continued implementation of actions recommended in the Community Energy Plan</i>
Proposed Actions for Next Year	<i>Continue with next steps in Community Energy Plan</i>

Action Type	Building and Lighting (e.g. developed energy reduction plan for all corporate buildings)
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Actions Taken this Year	<i>Continued Retrofitting of lighting fixtures in Municipal buildings; where feasible, existing municipal buildings are repaired/restored rather than replaced. Staff are encouraged to follow PowerSmart principles.</i>
Proposed Actions for Next Year	<i>Corporate commitment to construct new buildings to minimum of LEED silver (eg. proposed new main Firehall, Town Hall and satellite Fire Station).</i>

Action Type	<i>Energy Generation</i> (e.g. undertook feasibility study of green energy generation for civic buildings)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	<i>Transportation</i> (e.g. created anti-idling policy for city vehicles, bike to work week promotion)
Actions Taken this Year	<i>No-idle policy in place since 2009. Showers, changerooms, lockers and bicycle parking provided to encourage staff to cycle to/from work. Provide incentives to encourage staff to participate in annual Bike to Work Week; Marking of "small car" stalls near entrance to Municipal Hall.</i>
Proposed Actions for Next Year	

Action Type	<i>Waste</i> (e.g. completed waste audit of City Hall)
Actions Taken this Year	<i>Expansion of corporate recycling programme to include soft-plastics, styrofoam and small appliances. Recycling of batteries and paint products.</i>
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	
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	<i>Continued Retrofitting of lighting fixtures in Municipal buildings;</i>
Proposed Actions for Next Year	

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	<i>Enforcing Anti-idling policy for corporate vehicle; purchase of 7 hybrid vehicles to date. Synthetic bio Transmission oil for the heavy equipment (i.e. backhoes, lawn tractors) Synthetic bio hydraulic oil for the public works heavy equipment (i.e. backhoes, lawn tractors, loaders) Biodiesel fuel ongoing. All Public Works staff participated in a number of training sessions developed by the Federal government on an Eco-Energy Driver Smart Program and a driver safety training program</i>
Proposed Actions for Next Year	<i>Continue replacing gas/diesel vehicles with hybrid vehicles wherever possible.</i>

Action Type	Waste (e.g. introduction of composting and recycling programs and education)
Actions Taken this Year	<i>Total waste diverted from landfill = 226,260 KG</i>

	<p><i>Type of product recycled:</i> <i>Paper 1950 KG</i> <i>Wood 19610 KG</i> <i>General Waste 42540 KG</i> <i>Metal 12630 KG</i> <i>Dimensional lumber 9100 KG</i> <i>Yard waste 140,430 KG</i> <i>Total diverted from landfill = 226,260 KG</i> <i>The wood waste/lumber waste is used for bio-fuel for the mill up island.</i></p>
Proposed Actions for Next Year	

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	<i>Implemented forest stand management in Centennial Park, including increasing the species diversity and habitat value of the forest stand</i>
Proposed Actions for Next Year	

Action Type	Other Actions
Actions Taken this Year	<i>Steam generated weed control to reduce pesticide use. Brine Machine to reduce salt use and decrease environmental impact on the environment. Furnace cut-out switches have been installed on the overhead doors at Public Works. The furnace turns off when the doors remain open. Use of Citrus-based degreasers</i>
Proposed	

Actions for Next Year	
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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

Tonnes CO2e

Corporate emissions using SMARTTool or equivalent inventory tool 0
Emissions from services delivered directly by the local government

Emissions from contracted services 0

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)

Balance of corporate emissions for this reporting year. 0
(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	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	<i>enter your response here...</i>