

# Climate Action Revenue Incentive (CARIP) Public Report for 2011

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*Comox Valley Regional District*

Reported by  
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## General Information

Name of Local Government	<i>Comox Valley Regional District</i>
Member of Regional District (RD)	
Regional Growth Strategy (RGS) in region	<i>Yes</i>
Population	<i>60,288</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	Yes
Additional Information	<i>Have a staff position responsible for review of emissions inventory. Once updated 2010 inventory is available from province, will utilize internal resources to analyze CEEI and identify gaps.</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	<i>In Progress</i>
Additional Information	<i>Community GHG targets will reflect RGS and Comox Valley Sustainability Strategy targets and will include actions dictated by both documents. With adoption of RGS, staff are working towards incorporating GHG OCP policies.</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	Yes

Additional Information	<p><i>Measurable GHG emission reduction target: Overarching Target: 80% reduction in GHG emissions below 2007 levels by 2050, interim targets of 33% by 2020, 50% by 2030, and 65% by 2040. RGS includes specific targets, for reducing GHG emissions associated with solid waste, buildings and on-road transportation by 50% below 2007 levels by 2030; Additional policy targets for 2030 from RGS: 90% of new development within core settlement area, 2.5% mode share for transit, 20% bike/walk commuting, 75% solid waste diversion by 2030.</i></p>

## 1.3 Reduce

### Supportive Community Wide Actions

Action Type	<b>Broad Planning</b> (e.g. creation/revision of OCPs, CEPs, transportation plans)
Actions Taken this Year	<i>Adopted RGS which includes numerous targets/policies related to GHG reductions.</i>
Proposed Actions for Next Year	<i>Update OCP with GHG targets/policies, amend solid waste management plan, Mt. Washington IRCP.</i>

Action Type	<b>Building and Lighting</b> (e.g. developed green building policy, increased density in the downtown)
Actions Taken this Year	<i>Established electoral area green building program, incorporated green building policies in RGS. Green Building working group at CVRD hosted public education session.</i>
Proposed Actions for Next Year	<i>Implement electoral area green building program including rebates and education. Continue implementation of water efficiency plan.</i>

Action Type	<b>Energy Generation</b> (e.g. signed on to provincial 'solar ready' regulation, explored options for bioheating for buildings)
Actions Taken this Year	<i>Feasibility study of renewable energy demonstration projects.</i>
Proposed Actions for Next Year	<i>Solar hot water ready regulation, integrated resource recovery analysis.</i>

Action Type	<b>Green Space</b> (e.g. developed urban forestry policy, adopted park acquisition policy)
Actions Taken	

this Year	<i>Adopted parks and greenways plans in Comox Valley and Denman Island including acquisition strategy.</i>
Proposed Actions for Next Year	<i>Royston greenway 'greenshores' and trail extension design and public consultation. Denman Island ferry-ferry greenway.</i>

Action Type	<b>Transportation</b> (e.g. developed sustainable transportation plan, completed bicycle master plan)
Actions Taken this Year	<i>Participated in CV Cycling Task Force, incorporated transportation policies/targets in RGS, increased transit promotion.</i>
Proposed Actions for Next Year	<i>Provide public education on sustainable transit, undertake transit master plan, continue CV Cycling Task Force.</i>

Action Type	<b>Waste</b> (e.g. introduced composting and recycling education programs)
Actions Taken this Year	<i>Waste reduction activities and education, investigating increased diversion and waste-to-energy options.</i>
Proposed Actions for Next Year	<i>Continue waste reduction activities and education, amend solid waste management plan.</i>

Action Type	<b>Water/Sewer</b> (e.g. participated in water smart initiatives, implemented Water Action Plan, introduced rebates on low flush toilets)
Actions Taken this Year	<i>Participated in Convening for Action on Vancouver Island. Water efficiency plan implementation. Completed water and sewer master planning projects.</i>
Proposed Actions for Next Year	<i>Continue implementation of water efficiency plan. Participate in Convening for Action on Vancouver Island.</i>

### Direct Community Wide Actions

Action Type	<b>Buildings</b> (e.g. implement use of sustainability checklists and development permit guidelines for new buildings)
Actions Taken this Year	<i>Offered woodstove exchange and burn it smart program. Implementation of water efficiency plan including water meters in electoral areas.</i>
Proposed Actions for Next Year	<i>Implement electoral area green building program including rebates and education. Continue implementation of water efficiency plan.</i>

Action Type	<b>Energy</b> Generation (e.g. implement district energy, geothermal, solar)
Actions Taken this Year	
Proposed Actions for Next Year	<i>Home energy incentive program, energy demonstration projects</i>

Action Type	<b>Transportation</b> (e.g. implement bike lanes, pedestrian paths, upgrade <b>transit</b> service and infrastructure, improve roads, parking fees etc.)
Actions Taken this Year	<i>Ongoing transit improvements.</i>
Proposed Actions for Next Year	<i>Expand transit system by 1700 hours, ongoing transit improvements, develop online carpool resource, work with ministry of transportation and infrastructure on improved cycling amenities.</i>

Action Type	<b>Waste</b> (e.g. introduce composting and recycling programs )
Actions Taken this Year	<i>Waste reduction activities and education.</i>



Proposed Actions for Next Year	<i>Design and construction of biogas project to reduce GHG emissions.</i>
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Action Type	<b><i>Water/Sewer</i></b> (e.g. implement water conservation and reduction initiatives)
Actions Taken this Year	<i>Implementation of region wide water efficiency plan, including rebates for toilets and rainwater harvesting, and undertook water metering of electoral areas.</i>
Proposed Actions for Next Year	<i>Continued implementation of water efficiency plan.</i>

Action Type	<b><i>Green Space</i></b> (e.g. plant trees, conserve forest etc.)
Actions Taken this Year	<i>Improved and maintained regional parks system. Acquired and opened 161 acre Bear Creek Nature Park.</i>
Proposed Actions for Next Year	<i>Improve and maintain regional parks system. Acquire more property in line with greenways/parks strategy. Construct greenways along Hawkins Rd. and Brazier Rd.</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>Completed energy/GHG inventory and adopted corporate energy plan.</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>Currently using an excel based spreadsheet to collect and analyze energy/GHG data and to develop regular reports.</i>

### 2.2 Reduce

#### Supportive Corporate Actions

Action Type	<b>Broad Planning</b> (e.g. developed corporate climate action plan)
Actions Taken this Year	<i>Completed energy/GHG inventory and adopted corporate energy plan.</i>
Proposed Actions for Next Year	<i>Regular reporting of energy/GHG emissions.</i>

Action Type	<b>Building and Lighting</b> (e.g. developed energy reduction plan for all corporate buildings)
Actions Taken this Year	<i>Corporate energy plan includes direction to undertake energy audits and reduce GHG</i>

	<i>10% below 2009 by 2015. Undertook energy audit of water pollution control centre.</i>
Proposed Actions for Next Year	<i>Planning and analysis for the development of a regional office facility with green building features. Complete energy audits at recreation facilities.</i>

Action Type	<b><i>Energy Generation</i></b> (e.g. undertook feasibility study of green energy generation for civic buildings)
Actions Taken this Year	<i>Corporate energy plan includes direction to analyze renewable energy use/generation at civic facilities and with infrastructure. Evaluated wind, solar, and microhydro energy options at Courtenay River pump station, water system reservoirs, and recreation facilities.</i>
Proposed Actions for Next Year	<i>Complete integrated resource recovery analysis and additional analysis of renewable energy options.</i>

Action Type	<b><i>Transportation</i></b> (e.g. created anti-idling policy for city vehicles, bike to work week promotion)
Actions Taken this Year	<i>Promoted bike to work week for staff. Amended fleet policy to address GHG reductions.</i>
Proposed Actions for Next Year	<i>Continue to promote bike to work week. Adopt amended fleet policy.</i>

Action Type	<b><i>Waste</i></b> (e.g. completed waste audit of City Hall)
Actions Taken this Year	<i>Corporate energy plan accounts for solid waste generation at civic facilities. Promoted diversion programs to employees.</i>
Proposed Actions for Next Year	<i>Continue to promote diversion programs internally.</i>

Action Type	<b><i>Water/Sewer (e.g. completed study of sewer and water energy use)</i></b>
Actions Taken this Year	<i>Promoted water efficiency.</i>
Proposed Actions for Next Year	<i>Continue to promote water efficiency.</i>

### Direct Corporate Actions

Action Type	<b>Building</b> and Lighting (e.g. energy efficiency retrofits to municipal buildings )
Actions Taken this Year	
Proposed Actions for Next Year	<i>Based on energy audits, undertake feasible retrofits.</i>

Action Type	<b>Energy Generation</b> (e.g. implemented heat recovery systems, solar)
Actions Taken this Year	
Proposed Actions for Next Year	<i>Based on results of renewable energy studies, undertake feasible projects.</i>

Action Type	<b>Fleet</b> (e.g. anti-idling policies for fleet vehicles, purchasing of hybrid)
Actions Taken this Year	<i>Purchased more fuel efficient vehicles than would have prior to corporate energy plan. Approved funding of two bikes for staff use.</i>
Proposed Actions for Next Year	<i>Continue to optimize fleet composition for reduced GHG emissions. Undertake driver education program internally. Purchase bikes for staff use.</i>

Action Type	<b>Waste</b> (e.g. introduction of composting and recycling programs and education)
Actions Taken this Year	<i>Initiated kitchen compost trial project. Improved waste collection bins for improved diversion at recreation facilities.</i>
Proposed Actions for Next Year	<i>Formalize kitchen compost project.</i>

Action Type	<b><i>Water/Sewer</i></b> (e.g. initiated water conservation and reduction initiatives)
Actions Taken this Year	<i>At corporate office, undertook retrofit of 4 staff toilets with high efficiency/dual flush units and replaced staff showerheads with high efficiency units.</i>
Proposed Actions for Next Year	<i>Work with landscapers to use water efficient principles.</i>