

CARIP Report

Name of Local Government	Comox Valley Regional District
Member of Regional District (RD)	Comox Valley Regional District
Regional Growth Strategy (RGS) in region	In Progress, adoption spring 2011
Population	60,288 (2006 census)

Report Submitted by

Name	Michael Zbarsky
Title	Manager of Transit and Sustainability
Email	mzbarsky@comoxvalleyrd.ca
Phone	250 334-6000

Actions Taken to Reduce Energy Consumption and GHG Emissions in 2010**1.1. COMMIT**

The Comox Valley Regional District along with the Province of BC and the UBCM has signed the Climate Action Charter (CAC) pledging to achieve the following goals: Be carbon neutral in corporate operations by 2012; measure and report on our community greenhouse gas emission profile; and work to create compact, more energy efficient communities. In 2008, Premier Gordon Campbell announced that communities that have signed onto the CAC and agree to publicly report on their climate action progress would be eligible for the Climate Action Revenue Incentive Program (CARIP) grant. The following Report meets the CARIP requirements to publicly report on climate actions undertaken by this local government in the current year and intended climate actions for the following year.

1.2. MEASURE

Corporate Measurement	Answer	Additional information
Has your local government taken steps towards completing a corporate energy and emissions inventory? Please identify the steps taken.	Yes	<i>Have a staff position responsible for Climate Action projects and corporate engagement and action planning. Hired consultant to produce corporate inventory, identify emission sources and fuel consumption, and convert fuel consumption to GHG emission equivalents.</i>
Community-wide Measurement Actions	Answer	Additional information
Has your local government taken steps to review and consider your community-wide GHG emissions profile as provided by the Community Energy and Emissions Inventory (CEEI) or other data sources? Please identify the steps taken.	In progress	<i>Additional CEEI prepared for Comox Valley Regional District to reflect creation of our new Regional District. Have a staff position responsible for review of updated emissions inventory and have engaged internal resources to analyze updated CEEI and identify gaps.</i>

1.3. PLAN

	Answer	Additional information
Does your RGS 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. *This question is ONLY for Regional Districts with RGSs.	Yes	<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>
Does 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.	In progress	<i>Community GHG targets will reflect RGS and Comox Valley Sustainability Strategy targets and will include actions dictated by both documents. GHG OCP policies will be incorporated pending adoption of RGS in spring 2011.</i>

1.4. ACT**CORPORATE ACTIONS**

Please describe the corporate actions you have taken this year and propose for next year to reduce GHG emissions and energy consumption. Examples of tools you may have used include:

- a) Planning tools (e.g. Green Fleet Action Plan, Resource Management Plan, Corporate Climate Action Plan)
- b) Policy tools (e.g. Civic Building Policy, Fuel Efficiency Policy, Green Purchasing Policy, Green Infrastructure Policy)
- c) Other (e.g. corporate car share program, civic building retrofits, LED street lighting, building operator training, green driving education, other educational programs and staff awareness initiatives)

Corporate Actions	Actions Taken This Year	Proposed Actions for Following Year
To reduce GHG emissions and energy consumption	<i>Implemented computer desktop energy management software, continued efforts to reduce paper consumption from operations, utilized fuel efficiency and GHG reduction criteria in vehicle purchase, hired staff member responsible for climate action, committed to construct new facilities/buildings to green building standards, completed corporate energy action plan.</i>	<i>Analyze/audit energy use/GHG at recreation facilities and consider cost effective retrofits, undertake fleet management tasks, consider energy efficiency and alternative energy in construction of new facilities and capital projects, investigate potential for alternative energy generation from infrastructure, promote staff GHG/energy reduction initiatives and provide related education opportunities, develop green purchasing policy and green fleet management policy.</i>

COMMUNITY-WIDE ACTIONS

Please describe the community-wide actions you have taken this year and propose to take next year to reduce GHG emissions and energy consumption in the sectors below. Examples of tools you may have used include:

- a) Planning and Policy tools (e.g. Climate Action Plan, Energy Plan)
- b) Regulatory tools (e.g. Development Permit Areas, Zoning, Development Cost Charge adjustments)
- c) Incentive tools (e.g. energy audit rebate program, fast tracking green developments)
- d) Other (e.g. Sustainability checklists, development guidelines, educational programs, and public awareness initiatives)

Community-wide Actions	Actions Taken This Year	Proposed Actions for Following Year
To reduce transportation-related GHG emissions and energy consumption (i.e. through both transportation and land use actions)	<i>Engaged community and undertook climate action planning through Comox Valley Sustainability Strategy to determine goals, objectives, targets and actions required. Promoted public transit and improved/expanded service. Utilized sustainability checklist and incorporated climate action principles into landuse projects such as large rezonings. Participated in cycling task force and supported creation of cycling map.</i>	<i>Update OCP to include targets and stronger policies/requirements around GHG reductions. Align OCP with sustainability strategy and RGS. Undertake further improvements to public transit and increase promotion of this service. Undertake transit master plan. Develop and utilize improved sustainability checklist. Begin implementation of the Comox Valley Sustainability Strategy.</i>
To reduce building-related GHG emissions and energy consumption	<i>Engaged community and undertook climate action planning through Comox Valley Sustainability Strategy to determine goals, objectives, targets and actions required. Utilized sustainability checklist and incorporated climate action principles into landuse projects such as large rezonings. Formed a green buildings working group and promoted green building principles to residents. Implemented water efficiency plan.</i>	<i>Initiate woodstove exchange program. Begin implementation of Comox Valley Sustainability Strategy, including an expanded green building program and sustainability checklist. Align OCP with sustainability strategy and RGS. Continue implementation of water efficiency plan.</i>

To reduce water and waste-related GHG emissions and energy consumption	<i>Engaged community and undertook climate action planning through Comox Valley Sustainability Strategy to determine goals, objectives, targets and actions required. Utilized sustainability checklist and incorporated climate action principles into landuse projects such as large rezonings. Implemented water efficiency plan and undertook leak reduction. Undertook significant waste reduction activities and education. Supported and participated in Convening for Action on Vancouver Island learning lunch series.</i>	<i>Begin implementation of Comox Valley Sustainability Strategy, including an expanded green building program. Align OCP with sustainability strategy and RGS. Continue implementation and improvement of water efficiency plan and install meters in local service areas. Continue waste reduction activities and education. Investigate resource recovery opportunities to develop alternative energy. Continue to support and participate in Convening for Action on Vancouver Island learning lunch series.</i>
To enhance carbon sink capacity through natural resource protection and enhancement	<i>Engaged community and undertook climate action planning through Comox Valley Sustainability Strategy to determine goals, objectives, targets and actions required. Develop parks and greenways plan. Improved and maintained regional parks system.</i>	<i>Begin implementation of Comox Valley Sustainability Strategy, including an expanded green building program and sustainability checklist. Align OCP with sustainability strategy and RGS. Complete parks and greenways plan. Improve and maintain regional parks system.</i>