Climate Action Revenue Incentive Program (CARIP) Public Report

Climate Action Revenue Incentive (CARIP) Public Report for YEAR 2013

Town of Ladysmith

Cowichan Valley Regional District

Report Submitted by
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General Information

Name of Local Government	Town of Ladysmith
Member of Regional District (RD)	Cowichan Valley Regional District
Regional Growth Strategy (RGS) in region	
Population	7,921

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Community Wide Actions for 2013

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	"Utilize staff to monitor and understand the CEEI report. "

1.2 Plan

Community Wide Targets

Question	Does 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	"5% reduction in total community emissions by 2012 from 2007 levels 33% reduction in total community emissions by 2020 from 2007 levels 15% reduction in total community emissions by 2016 from 2007 levels"

1.3 Reduce

Supportive Community Wide Actions

Action Type	Broad Planning
Actions Taken this Year	Continue with Zoning Bylaw update.
Proposed Actions for Next Year	Master Transportation Plan. Conclude Zoning bylaw update. Continue to seek out green development and incentives for environmentally sensitive business practices.

Action Type	Building and Lighting
Actions Taken this Year	Encouraged low water usage in new developments. Individual home builders are achieving higher energy standards than required by BC Building Code.
Proposed Actions for Next Year	

Action Type	Energy Generation
Actions Taken this Year	Solar-ready community
Proposed Actions for Next Year	New single-family homes are required to be solar hot water ready.

Action Type	Green Space
Actions Taken this Year	Framework to encompass green spaces, such as continue to use Town owned properties for food production.
Proposed Actions for Next Year	Continue to use Town-owned properties for food production

Action Type	Transportation
Actions Taken this Year	Master Transportation Plan; joined BC Transit System
Proposed Actions for Next Year	Master Transportation Plan; Work with BC Transit for best routes

Action Type	Waste
Actions Taken this Year	"Examination of Municipal Bio-solids composting options, in conjunction with the secondary treatment plant upgrade scheduled to come online in 2015. Review multi-family composting options."

Proposed Actions for Next Year	

Action Type	Water/Sewer
Actions Taken this Year	Consideration of extending program to include high efficiency washing machines.
Proposed Actions for Next Year	Implement composting facility at Public Works Yard. Continue to offer low flush toilet rebates.

Action Type	Other Actions
Actions Taken this Year	
Proposed Actions for Next Year	

Direct Community Wide Actions

Action Type	Buildings
Actions Taken this Year	Updated Development Permit guidelines are in the process of being created which will consider the new Climate Change DPA opportunities in the LGA. Continue to use and report on sustainable development checklist as part of development application process. 2013 provided density bonus for high energy efficiency buildings.
Proposed Actions for Next Year	Complete new development permit guidelines. All new municipal buildings will be built using at minimum LEED Silver guidelines.

Action Type	Energy Generation
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Transportation
Actions Taken this Year	Transportation Plan; Joined BC Transit service
Proposed Actions for Next Year	Pedestrian walk ways

Action Type	Waste
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Water/Sewer
Actions Taken this Year	129 Low flush toilet rebates
Proposed Actions for Next Year	Consideration of extending program to include high efficiency washing machines.

Action Type	Green Space
Actions Taken this Year	Continue work on acquisition of watershed lands and framework for boundary expansion
Proposed Actions for Next Year	Continue work on acquisition of watershed lands and framework for boundary expansion

Action Type	Other Actions
Actions Taken this Year	Continue to donate produce to the local food bank.

Proposed Actions for Next Year	Continue to donate produce to the local food bank.

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	"Continue to provide information on our website on 'what you can do' http://www.ladysmith.ca/sustainability-green-living/overview Completed a Sustainability Action Plan. Featured twice on Shaw's Go Island regarding our 'green' initiatives and sustainability."

Corporate Actions for 2013

2.1 Measure

Corporate Measurement Actions

Question	What steps has your local government taken toward completing its corporate emissions inventory?
Answer	"Installing electric charging stations Master Transportation Plan Task staff to continue to monitor Town's corporate emissions"

Question	What tool are you using to measure, track and report on your corporate emissions?
Answer	SmartTool

2.2 Reduce

Supportive Corporate Actions

Action Type	Broad Planning
Actions Taken this Year	Conclude CSIP
Proposed Actions for Next Year	Continue implementing CSIP

Action Type	Building and Lighting
Actions Taken this Year	Continue energy reduction plans for all buildings. Solar sidewalk lights installed at community centre.
Proposed Actions for Next Year	Continue energy reduction plans for all buildings. Upgrade mechanical and electrical systems at Community Centre; install high efficiency boilers, LED lights and occupancy sensors, computerized controls system to manage building systems, also improved efficiency boiler installed at Public Works

Action Type	Energy Generation
Actions Taken this Year	Use of solar lighting in buildings, working with insurance provider to install in high priority areas
Proposed Actions for Next Year	Use of solar lighting in buildings, working with insurance provider to install in high priority areas

Action Type	Transportation
Actions Taken this Year	Promote bike/walk to work week for Town Staff and community.
Proposed Actions for Next Year	Promote bike/walk to work week for Town Staff and community.

Action Type	Water/Sewer
Actions Taken this Year	completion of liquid waste management plan
Proposed Actions for Next Year	Continue to abide by liquid waste management plan

Action Type	Other Actions
Actions Taken this Year	"Named one of Canada's' Top 100 Green Employers in Canada "
Proposed Actions for Next Year	"Apply for Canada's' Top 100 Green Employers in Canada "

Direct Corporate Actions

Action Type	Building and Lighting
Actions Taken this Year	"construction of sewer treatment plant complete water spray park resurfacing"

Proposed Actions for Next Year	Upgrade Community Centre to install DDC lighting controls, improved efficiency boilers. Install efficient boilers at Public Works

Action Type	Energy Generation
Actions Taken this Year	construction of energy recovery components in water and sewer projects
Proposed Actions for Next Year	

Action Type	Fleet
Actions Taken this Year	Purchased of municipal electric vehicle; investigating liquid natural gas vehicle conversion
Proposed Actions for Next Year	Continue investigating liquid natural gas vehicle conversion

Action Type	Waste
Actions Taken this Year	compost-multi-family and commercial
Proposed Actions for Next Year	compost-multi-family and commercial

Action Type	Water/Sewer
Actions Taken this Year	continue with construction of improvements to sewer treatment plant
Proposed Actions for Next Year	continue with construction of improvements to sewer treatment plant

Action Type	Green Space
Actions Taken this Year	tree program

Proposed Actions for Next Year	

Action Type	Other Actions
Actions Taken this Year	
Proposed Actions for Next Year	

2.3 Corporate 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	Top 100 Green Employers (see list of achievements on corporate website) Featured twice on Shaw's Go Island regarding our 'green' initiatives and sustainability.

Carbon Neutral Progress Reporting

3.1 Carbon Neutral Progress Reporting

Emissions/Offsets	Tonnes CO2e
Annual corporate emissions using SMARTTool or equivalent inventory tool	**390.14**
Emissions from services delivered directly by the local government	386.66
Emissions from contracted services	3.48
Less: GHG reductions being claimed for this reporting year from Option 1 - GHG reduction project	**99.48**
Energy Efficient Building Retrofits and Fuel Switching	
Solar Thermal	
Household Organic Waste Composting	99.48
Low Emissions Vehicles	
Less: *GHG reductions* being claimed for this reporting year from Option 2 - GHG reduction projects	**0**
Option 2 Project A	
Option 2 Project B	
Sum of Other Option 2 Projects (if you have added projects below)	**0**
Less: *Offsets purchased for this reporting year (Option 3). Please identify your offset provider in the offset provider information section below.*	291
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)*	**0**
Additional "Option 2" Projects	
Option 2 Project C	
Option 2 Project D	
Option 2 Project E	
Option 2 Project F	
Option 2 Project G	
Option 2 Project H	

3.2 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	

3.3 Offset Provider Information

Question	Please Identify the name(s) of your offset provider(s) (Please answer below):
Answer	Cowichan Energy Alternatives

Question	The offsets being claimed in this CARIP Report were purchased from the offset provider(s) indicated above prior to making this CARIP report public (please indicate yes or no):
Answer	Yes

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	