

# District of Lantzville

## Climate Action Revenue Incentive (CARIP) Public Report for 2012

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## General Information

**Name of Local Government**

***District of Lantzville***

Member of Regional District (RD)

*Nanaimo Regional District*

Regional Growth Strategy (RGS) in region

Yes

Population

3600

## Community-Wide Actions for 2012

### 1.1 Measure

#### Community-Wide Measurement Actions

Question	Have you been using the <i>Community Energy and Emissions Inventory (CEEI)</i> to measure progress? What else have you been using instead of/in addition to CEEI?
Answer	Yes
Additional Information	

### 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 <i>Local Governments Act (LGA)</i> ? If yes, please identify the targets set. If no or in progress, please comment.
Answer	Yes
Additional Information	<p><i>The District's OCP outlines intentions to address climate change and reduce greenhouse gases in the following ways:</i></p> <ul style="list-style-type: none"><li><i>&gt;To establish climate change as a factor in land use decision-making.</i></li><li><i>&gt;To support efforts and policies to help our community adapt to climate change impacts.</i></li></ul> <p><i>To work with others to support actions to limit emissions.</i></p> <p><i>To reduce greenhouse gas emissions by 33% by 2020 and by 85% by 2050 from 2007 levels.</i></p>

### 1.3 Reduce

#### Supportive Community-Wide Actions

Action Type	<b>Energy Generation (e.g. signed on to provincial 'solar ready' regulation, explored options for bioheating for buildings)</b>
Actions Taken this Year	<b><i>Participated in regional wood stove replacement program.</i></b>
Proposed Actions for Next Year	<b><i>Continue participation in regional wood stove replacement program.</i></b>

Action Type	<b>Transportation (e.g. developed sustainable transportation plan, completed bicycle master plan)</b>
Actions Taken this Year	<b><i>Began work on first Transportation Plan for the District.</i></b>
Proposed Actions for Next Year	<b><i>Completion of the Transportation Plan and communication of findings to residents.</i></b>

Action Type	<b>Waste (e.g. introduced composting and recycling education programs)</b>
Actions Taken this Year	<b><i>Participated in regional organics/food waste collection program.</i></b>
Proposed Actions for Next Year	<b><i>Continue participation in regional organics/food waste collection program.</i></b>

### Supportive Community-Wide Actions (continued)

Action Type	<b>Water/Sewer (e.g. participated in water smart initiatives, implemented Water Action Plan, introduced rebates on low flush toilets)</b>
Actions Taken this Year	<b>&gt;Became member of regional Drinking Water and Watershed Protection Program. &gt;Funded low flush toilet rebate program</b>
Proposed Actions for Next Year	<b>&gt;Continue participation in regional Drinking Water and Watershed Protection Program &gt;Provide funding for low flush toilet replacement rebate program</b>

## Direct Community-Wide Actions

Action Type	<b>Transportation (e.g. implement bike lanes, pedestrian paths, upgrade transit service and infrastructure, improve roads, parking fees etc.)</b>
Actions Taken this Year	<b>&gt;Parks and Recreation Commission working on implementation of Trails and Journeyways Plan &gt;Chip sealing of all unpaved roads in the District</b>
Proposed Actions for Next Year	<b>&gt;Construction of new trails identified in the Trails and Journeyways Plan</b>

Action Type	<b>Waste (e.g. introduce composting and recycling programs )</b>
Actions Taken this Year	<b>Asphalt reclamation during road construction, instead of disposing of old asphalt</b>
Proposed Actions for Next Year	

Action Type	<b>Water/Sewer (e.g. implement water conservation and reduction initiatives)</b>
Actions Taken this Year	<b>Water conservation through graduated water restrictions during summer months</b>
Proposed Actions for Next Year	<b>Continue with water conservation initiatives such as summer water restrictions</b>

## Corporate Actions for 2012

### 2.1 Measure

#### Corporate Measurement Actions

Question	<b>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)?</b>
Answer	<i>Energy and fuel data accumulated by finance staff throughout the year for GHG emissions calculation.</i>

Question	<b>What tool are you using to measure, track and report on your corporate emissions (e.g. SMARTtool, other tools including excel spreadsheets)?</b>
Answer	<i>SMARTtool and Excel spreadsheets</i>



## 2.2 Reduce

### Supportive Corporate Actions

Action Type	<b>Broad Planning (e.g. developed corporate climate action plan)</b>
Actions Taken this Year	<b>&gt;Attendance at regional meetings regarding climate action initiatives</b>
Proposed Actions for Next Year	<b>&gt;Continue attendance at regional meetings regarding climate action initiatives</b>

Action Type	<b>Other Actions</b>
Actions Taken this Year	<b>&gt;Established Reserve Fund for Carbon Neutral Initiatives to provide funds for investment in regional emission reduction projects</b>
Proposed Actions for Next Year	

## Direct Corporate Actions

Action Type	<b>Building and Lighting (e.g. energy efficiency retrofits to municipal buildings )</b>
Actions Taken this Year	<b><i>Replacement of lighting in Fire Hall apparatus bay with more efficient bulbs leading to reduction in energy usage and cost.</i></b>
Proposed Actions for Next Year	<b><i>Review lighting in municipal buildings (Costin Hall and Heritage Church)to consider replacement with more energy efficient bulbs. Consider upgrades to municipal buildings including roof replacement (Heritage Church) Replacement of windows in Fire Hall to reduce energy consumption</i></b>

Action Type	<b>Water/Sewer (e.g. initiated water conservation and reduction initiatives)</b>
Actions Taken this Year	
Proposed Actions for Next Year	<b><i>Replacement of toilets in municipal building with new low-flush models.</i></b>

Action Type	<b>Other Actions</b>
Actions Taken this Year	<b><i>Staff training via webinar rather than travel to a course. Reduce paper use by distribution of more documents electronically.</i></b>
Proposed Actions for Next Year	

# Carbon Neutral Progress Reporting

**Tonnes CO2e**

<b>Annual corporate emissions using SMARTTool or equivalent inventory tool</b>	<b>55</b>
<i>Emissions from services delivered directly by the local government</i>	<b>55</b>
<i>Emissions from contracted services</i>	<b>-</b>
	<b>55</b>
<b>Less:</b>	
<b>GHG reductions being claimed for this reporting year from Option 1 - GHG reduction project</b>	
<i>Energy Efficient Building Retrofits and Fuel Switching</i>	<b>-</b>
<i>Solar Thermal</i>	<b>-</b>
<i>Household Organic Waste Composting</i>	<b>55</b>
<i>Low Emissions Vehicles</i>	<b>-</b>
<b>Balance of corporate emissions for this reporting year.</b>	<b>0</b>

District of Lantzville is carbon neutral for 2012.

