

Climate Action Revenue Incentive Plan (CARIP) Public Report

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*City of Parksville
Regional District of Nanaimo*



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General Information

Name of Local Government

City of Parksville

Member of Regional District (RD)

Regional District of Nanaimo

Regional Growth Strategy (RGS) in region

Yes

Population

12,000

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	No
Additional Information	<i>The CEEI report has provided Parksville with a baseline year for emissions. We have not undertaken a community wide emissions program at this time. We recognize that transportation related emissions are the dominant source of emissions in Parksville and we will be undertaking future actions to respond through OCP targets.</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 <i>Local Governments Act (LGA)</i> ? If yes, please identify the targets set. If no or in progress, please comment.
Answer	In Progress
Additional Information	<i>OCP review underway and includes GHG emission targets as part of this process.</i>

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>Continued with the creation of the new OCP including public participation.</i>
Proposed Actions for Next Year	<i>OCP almost complete - revised target of May, 2013</i>

Action Type	Energy Generation (e.g. signed on to provincial 'solar ready' regulation, explored options for bioheating for buildings)
Actions Taken this Year	<i>Re-examined option to participate in solar ready regulation.</i>
Proposed Actions for Next Year	<i>Consider a bylaw to require new building construction to be solar ready.</i>

Action Type	Green Space (e.g. developed urban forestry policy, adopted park acquisition policy)
Actions Taken this Year	<i>Continued with tree planting, community flower beds, rain garden and community garden.</i>
Proposed Actions for Next Year	<i>Continue with tree planting, community flower beds, rain garden and community garden.</i>

Action Type	Transportation (e.g. developed sustainable transportation plan, completed bicycle master plan)
Actions Taken this Year	<i>Continued to design phase for trail development.</i>
Proposed Actions for Next Year	<i>Purchase property to facilitate trail development; work with provincial government to complete the process</i>

Action Type	Waste (e.g. introduced composting and recycling education programs)
Actions Taken this Year	<i>Continued to participate and enhance organic waste collection and recycling.</i>
Proposed Actions for Next Year	<i>Continue to participate and enhance organic waste collection and recycling.</i>

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	<i>Continued the rebate program on low flush toilets</i>
Proposed Actions for Next Year	<i>Complete rebate program on low flush toilets; continue with AquaStar water conservation program.</i>

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	<i>Provided sustainability check lists with all building and development permits including rain barrels, rain gardens and green building technologies.</i>
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>Continued to design phase for trail development.</i>
Proposed Actions for Next Year	<i>Purchase land for trail development; work with provincial government and DFO to meet regulatory requirements.</i>

Action Type	Waste (e.g. introduce composting and recycling programs)
Actions Taken this Year	<i>Continued to participate and enhance organic waste collection and recycling.</i>
Proposed Actions for Next Year	<i>Continue to participate and enhance organic waste collection and recycling.</i>

Action Type	Water/Sewer (e.g. implement water conservation and reduction initiatives)
Actions Taken this Year	<i>Continued rebate program for low flush toilets and continued to participate in regional outreach initiatives.</i>
Proposed Actions for Next Year	<i>Complete rebate program on low flush toilets; continue with AquaStar water conservation program.</i>

Action Type	Green Space (e.g. plant trees, conserve forests etc.)
Actions Taken this Year	<i>Continued with tree planting, community flower beds, rain garden and community garden.</i>
Proposed Actions for Next Year	<i>Continue with tree planting, community flower beds, rain garden and community garden.</i>

Corporate Actions for 2012

2.1 Measure

Corporate Measurement Actions

Question	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)?
Answer	All in-scope corporate energy costs and consumption are monitored through the City of Parksville's finance department. All in-scope sources of corporate emissions are measured and quantified using methods and emission factors outlined in the <i>2012 BC Best Practices Methodology for Quantifying Greenhouse Gas Emissions</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	Initial steps undertaken to integrate corporate energy uses by source and sector into SMARTtool, in collaboration with the RDN and Carbon Measurement and Reporting Branch of Shared Services BC. Also by using excel spreadsheets developed by the Regional District of Nanaimo for the purpose of converting energy use to emission, based on methods and emission factors recommended in the <i>2012 BC Best Practices Methodology for Quantifying Greenhouse Gas Emissions</i>.

2.2 Reduce

Supportive Corporate Actions

Action Type	Broad Planning (e.g. <i>developed corporate climate action plan</i>)
Actions Taken this Year	<i>Formalized tracking & monitoring of energy purchases; considered collaborative approach to climate change management with the RDN.</i>
Proposed Actions for Next Year	<i>Continue to develop tracking and monitoring of energy purchases; formalize agreement with RDN for managing climate change management</i>

Action Type	Building and Lighting (e.g. developed energy reduction plan for all corporate buildings)
Actions Taken this Year	Continued optimization for energy performance for all facilities as part of ongoing maintenance.
Proposed Actions for Next Year	Install energy saving lighting in all municipal facilities.

Action Type	Energy Generation (e.g. undertook feasibility study of green energy generation for civic buildings)
Actions Taken this Year	Continued education for building inspection staff with respect to solar hot water heating systems.
Proposed Actions for Next Year	Consider adoption of a bylaw to require fittings for solar panels in new residential construction.

Action Type	Transportation (e.g. created anti-idling policy for city vehicles, bike to work week promotion)
Actions Taken this Year	City continued to explore uses of smart car and hybrid technologies for fleet vehicles.
Proposed Actions for Next Year	Downsize vehicle fleet where possible to more energy efficient vehicles. Add bike lanes to new road infrastructure. Add public electric vehicle charging stations.

Action Type	Waste (e.g. completed waste audit of City Hall)
Actions Taken this Year	Continued to investigate waste reduction initiatives for all City facilities.
Proposed Actions for Next Year	Continue to investigate waste reduction initiatives for all City facilities.

Action Type	Water/Sewer (e.g. completed study of sewer and water energy use)
Actions Taken this Year	RDN has undertaken detailed studies for energy use.
Proposed Actions for Next Year	Pursue <i>Aquifer Storage Recovery</i> program to balance water provision throughout the year.

Direct Corporate Actions

Action Type	Building and Lighting (e.g. energy efficiency retrofits to municipal buildings)
Actions Taken this Year	<i>Continued optimization for energy performance for all facilities as part of ongoing maintenance and facility management.</i>
Proposed Actions for Next Year	<i>Continue optimization for energy performance for all facilities as part of ongoing maintenance and facility management.</i>

Action Type	Energy Generation (e.g. implemented heat recovery systems, solar)
Actions Taken this Year	
Proposed Actions for Next Year	<i>Consider adoption of a bylaw to require fittings for solar panels in new residential construction.</i>

Action Type	Fleet (e.g. anti-idling policies for fleet vehicles, purchasing of hybrid)
Actions Taken this Year	<i>Considered future smart car and hybrid technology for fleet purposes</i>
Proposed Actions for Next Year	<i>Consider future smart car and hybrid technology for fleet purposes</i>

Action Type	Waste (e.g. introduction of composting and recycling programs and education)
Actions Taken this Year	<i>Continued to participate in and enhance organic waste collection and recycling.</i>
Proposed Actions for Next Year	<i>Continue to participate in and enhance organic waste collection and recycling.</i>

Action Type	Water/Sewer (e.g. initiated water conservation and reduction initiatives)
Actions Taken this Year	<i>Continued to work with AquaStar program to further reduce community water consumption</i>
Proposed Actions for Next Year	<i>Implement new tiered water rates to further promote conservation; work toward implementing aquifer storage recovery system</i>

Action Type	Green Space (e.g. planting of trees)
Actions Taken this Year	<i>Implemented new tree management bylaw to more strongly protect trees.</i>
Proposed Actions for Next Year	<i>Continue to plan boulevard trees and more stringently manage tree removal permits.</i>

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	<i>Developing the Aquifer Storage and Recovery system to provide environmentally sustainable storage of water for release during dry months to ensure a balanced supply of water to the community.</i>

Carbon Neutral Progress Reporting

Tonnes CO2e

Annual corporate emissions using SMARTool or equivalent inventory tool 430.7

Emissions from services delivered directly by the local government 430.7

Emissions from contracted services 0

430.7

Less:

GHG reductions being claimed for this reporting year from Option 1 - GHG reduction project

Energy Efficient Building Retrofits and Fuel Switching 0

Solar Thermal 0

Household Organic Waste Composting 430.7

Low Emissions Vehicles 0

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)

0

Less:

Offsets purchased for this reporting year (Option 3). Please identify your offset provider in the offset provider information section below.

0

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)

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
Answer	n/a

Offset Provider	RDN - Household Organic Waste Composting
We have already purchased	Yes
Or, will purchase by June 1, 2013	--