

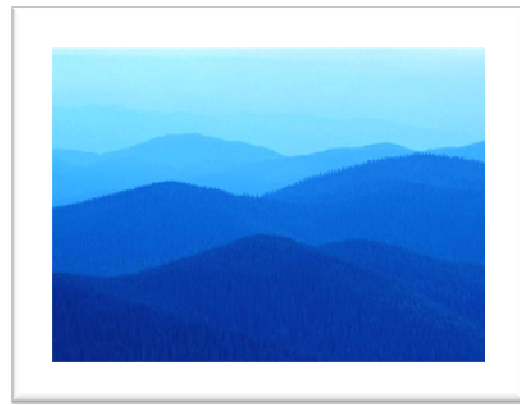
Climate Action Revenue Incentive Program (CARIP) Public Report

Climate Action Revenue Incentive (CARIP)

Public Report for YEAR 2013

District of West Vancouver

Metro Vancouver



Report Submitted by

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General Information

Name of Local Government	District of West Vancouver
Member of Regional District (RD)	Metro Vancouver
Regional Growth Strategy (RGS) in region	Yes
Population	45,000

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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	A Community Energy and Emissions Plan study is being considered

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 <i>Local Governments Act (LGA)</i> ? If yes, please identify the targets set. If no or in progress, please comment.
Answer	Yes
Additional Information	Reduce greenhouse gas emissions by at least 33% below 2007 levels by 2020 and at least 80% below 2007 levels by 2050

1.3 Reduce

Supportive Community Wide Actions

Action Type	Broad Planning
Actions Taken this Year	Hired a Manager of Sustainability & Environment The District gathered public feedback on proposed policies and regulations for coach houses as part of the investigation of potentially allowing for coach houses to become permitted as detached secondary suites
Proposed Actions for Next Year	The District's Regional Context Statement is being revised to identify how the Official Community Plan works toward achieving the goals and strategies set out in The (Metro)

Regional Growth Strategy

Seek public input on a purpose-built rental housing infill proposal, which would potentially increase residential density near transit routes and amenities while enabling a large rental tower to remain viable and less at risk for redevelopment

Action Type **Building and Lighting**

**Actions
Taken this
Year**

**Proposed
Actions for
Next Year**

Action Type **Energy Generation**

**Actions
Taken this
Year**

**Proposed
Actions for
Next Year**

Action Type **Green Space**

**Actions
Taken this
Year**

Upper Lands Study Review Working Group compiled and reviewed relevant environmental information and other data, plus commenced public outreach for their work on The Upper Lands

**Proposed
Actions for
Next Year**

Upper Lands Study Review Working Group will complete their main community outreach, prepare a report, and present to the Council

Continued implementation of the Parks Master Plan

Work to develop an invasive species strategy

Action Type **Transportation**

**Actions
Taken this
Year**

**Proposed
Actions for
Next Year**

Further consultation on Horseshoe Bay portion of Spirit Trail

Action Type	Waste
Actions Taken this Year	Upper Lands Study Review Working Group compiled and reviewed relevant environmental information and other data, plus commenced public outreach for their work on The Upper Lands
Proposed Actions for Next Year	

Action Type	Water/Sewer
Actions Taken this Year	
Proposed Actions for Next Year	

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

Direct Community Wide Actions

Action Type	Buildings
Actions Taken this Year	District has supported Cool North Shore's home audit program by providing thermal scanning to identify heat loss
Proposed Actions for Next Year	

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

Action Type	Transportation
Actions Taken this Year	Signs for Phase 1 priority bike routes as identified by staff, consultants, and technical committee Installed Level 2 electric vehicle dual charging stations at each community centre
Proposed Actions for Next Year	Marking and signage of Phase 2 priority bike routes as identified by staff, consultants, and technical committee. Share The Road arrow markings for Phase 1 priority bike routes Post wayfinding signs for existing Spirit Trail

Action Type	Waste
Actions Taken this Year	Single family home garbage pickup reduced to bi-weekly in support of weekly food scraps pickup
Proposed Actions for Next Year	

Action Type	Water/Sewer
Actions Taken this Year	Outreach to North Shore lawn care and irrigation companies to increase awareness on water conservation
Proposed Actions for Next Year	

Action Type	Green Space
Actions Taken this Year	District has supported Cool North Shore's home audit program by providing thermal scanning to identify heat loss
Proposed Actions for Next Year	Dedicate area around Whyte Lake as a park

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.

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	An inventory of utility meters was completed and loaded into the corporate GIS to aid in identifying where energy is used in buildings and infrastructure Sustainability tracking software has been obtained to assist with corporate emissions tracking

Question	What tool are you using to measure, track and report on your corporate emissions?
Answer	Excel, RETScreen Plus, and SoFi (enterprise sustainability software) for tracking and reporting of GHG emissions

2.2 Reduce

Supportive Corporate Actions

Action Type	Broad Planning
Actions Taken this Year	Purchased software to help track and report on corporate greenhouse emissions
Proposed Actions for Next Year	Include GHG quantities with respect to corporate targets and utility reports and energy saving projects

Action Type	Building and Lighting
Actions Taken this Year	Corporate Strategic Energy Management Plan completed by Energy Manager
Proposed Actions for Next Year	

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

Action Type	Transportation
Actions Taken this Year	Completed staff Travel Smart survey to better understand staff commuting habits
Proposed Actions for Next Year	

Action Type	Waste
Actions Taken this Year	
Proposed Actions for Next Year	Develop strategic waste management plan for corporate facilities

Action Type	Water/Sewer
Actions Taken this Year	
Proposed Actions for Next Year	

Direct Corporate Actions

Action Type	Building and Lighting
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Actions Taken this Year	<p>Numerous upgrades to more energy efficient lighting at Civic Site</p> <p>Enhanced building control software at Civic Site to allow for better tracking of equipment and associated energy use</p>
Proposed Actions for Next Year	<p>Continue to upgrade to more energy efficient lighting at Civic Site, Operations Centre, and Gleneagles Community Centre</p> <p>Install programmable thermostats in a number of buildings to reduce energy use related to heating and air conditioning</p>

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

Action Type	Fleet
Actions Taken this Year	<p>Replaced several Tier 2 construction vehicles with new Tier 4, lower emission vehicles</p> <p>Replaced 2 V-8 Police Interceptor with more gas efficient V-6 cylinder vehicles</p> <p>Replaced older fire department pumper truck and light duty vehicle with new, more efficient models</p>
Proposed Actions for Next Year	<p>Bikes purchased for "Bike Pool" will allow Community Services staff to travel by bike for short trips to reduce parking time and save on gas</p> <p>Replace 2 V-8 Police Interceptor with more gas efficient V-6 cylinder vehicles</p>

Action Type	Waste
Actions Taken this Year	<p>Introduction of food waste pickup at Library and Civic Site</p> <p>Addition of recycling services to Operations Centre and Municipal Hall</p>

**Proposed
Actions for
Next Year**

Action Type **Water/Sewer**

**Actions
Taken this
Year** Three park irrigation systems were upgraded to centralized control to improve water conservation

**Proposed
Actions for
Next Year**

Action Type **Green Space**

**Actions
Taken this
Year**

**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

Carbon Neutral Progress Reporting

3.1 Carbon Neutral Progress Reporting – to be completed for final June report

Emissions/Offsets	Tonnes CO2e
Annual corporate emissions using SMARTTool or equivalent inventory tool	3,183
<i>Emissions from services delivered directly by the local government</i>	
<i>Emissions from contracted services</i>	
Less: GHG reductions being claimed for this reporting year from Option 1 - GHG reduction project	
<i>Energy Efficient Building Retrofits and Fuel Switching</i>	
<i>Solar Thermal</i>	
<i>Household Organic Waste Composting</i>	361
<i>Low Emissions Vehicles</i>	
Less: GHG reductions being claimed for this reporting year from Option 2 - GHG reduction projects	
<i>Vancouver Landfill Gas Capture Optimization project</i>	2300
<i>Option 2 Project B</i>	
<i>Sum of Other Option 2 Projects (if you have added projects below)</i>	0
Less: <i>Offsets purchased for this reporting year (Option 3). Please identify your offset provider in the offset provider information section below.</i>	
Balance of corporate emissions for this reporting year. <i>(If the corporate emissions balance is zero, your local government is carbon neutral for this reporting year)</i>	522
Additional "Option 2" Projects	
<i>Option 2 Project C</i>	
<i>Option 2 Project D</i>	
<i>Option 2 Project E</i>	
<i>Option 2 Project F</i>	
<i>Option 2 Project G</i>	
<i>Option 2 Project H</i>	

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	We are applying for funding for a Community Energy and Emissions Plan (CEEP) study

3.3 Offset Provider Information

Question Please Identify the name(s) of your offset provider(s) (Please answer below):

Answer

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

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