

# Climate Action Revenue Incentive Program (CARIP) Public Reporting - Climate Actions Survey 2014 –City of White Rock

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## Broad Planning

### BROAD PLANNING

Broad Planning refers to the high level, strategic planning that sets the stage for GHG reductions. Land use planning that focuses on Smart Growth principles (compact, complete, connected and centred) plays an especially important role in energy and GHG reduction. Plans that relate to a certain sector should be included in that sector, e.g. transportation plans in the 'Transportation' sector. In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

	Yes	No	Please specify or comment
Since initially establishing OCP targets, policies, and actions for the reduction of greenhouse gas (GHG) emissions, as required by the Local Government Act, has your local government updated those targets, policies and actions?	False	True	Scheduled for OCP update in 2015

Variable	Response
Does your local government use the Community Energy and Emissions Inventory (CEEI) to measure progress?	No
Has your local government established Development Permit Areas (DPAs) for climate action (i.e. energy conservation, water conservation and/or GHG emission reduction)?	No

### CORPORATE - Broad Planning

Actions taken in 2014

Actions proposed for 2015

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Feasibility Studies, Research, Analysis	(No response)	(No response)
Plans, Policies, Regulations	Review Development Cost Charges Bylaw	Update Development Cost Charges Bylaw
Policy Implementation	(No response)	(No response)
Employee Training, Awareness	(No response)	(No response)
Committees, Staffing	East Beach Waterfront Improvements Task Force	(No response)
Funding	(No response)	(No response)

## COMMUNITY-WIDE - Broad Planning

	Actions taken in 2014	Actions proposed for 2015
Feasibility Studies, Research, Analysis	(No response)	(No response)
Plans, Policies, Regulations	Revised Tree Management Bylaw to include entire City until new Urban Forest Management Plan is implemented	Complete Urban Forest Management Plan, Waterfront Plan terms of reference to be completed
Policy Implementation	(No response)	(No response)
Community Education, Engagement	(No response)	(No response)
Committees, Staffing	(No response)	(No response)
Funding	(No response)	(No response)

## Buildings

### BUILDINGS

Low-carbon buildings use the minimum amount of energy needed to provide comfort and safety for their inhabitants, and tap into renewable energy sources for heating, cooling and power. These buildings can save money, especially viewed over the long term. In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Variable	Response
Does your local government have green building/construction policies, plans or programs?	Yes

## CORPORATE - Buildings

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Energy efficient HVAC and roof replacement at City Hall	Complete energy efficient window replacement at City Hall, energy efficient hot water tank replacement in Operations building and energy efficient lighting replacement at Seniors Activity Centre
Feasibility Studies, Research, Analysis	(No response)	Review lighting replacement in all civic facilities
Plans, Policies, Regulations	(No response)	(No response)
Policy Implementation	(No response)	(No response)
Employee Training, Awareness	(No response)	(No response)
Committees, Staffing	(No response)	(No response)
Funding	(No response)	(No response)

## COMMUNITY-WIDE - Buildings

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Energy efficient HVAC and window replacement at Library	(No response)
Feasibility Studies, Research, Analysis	(No response)	Update OCP policies to consider green building requirements
Plans, Policies, Regulations	(No response)	Update best practices for stormwater for new developments to encourage environmental stewardship
Policy Implementation	(No response)	(No response)
Community Education, Engagement	(No response)	(No response)

Committees, Staffing	(No response)	(No response)
Funding	(No response)	(No response)

## Energy Generation

### ENERGY GENERATION

A transition to renewable or low-emission energy sources for heating, cooling and power supports large, long-term GHG emissions reductions. Renewable energy including waste heat recovery (e.g. from biogas and biomass), geo-exchange, micro hydroelectric, solar thermal and solar photovoltaic, heat pumps, tidal, wave, and wind energy can be implemented at different scales, e.g. in individual homes, or integrated across neighbourhoods through district energy or co-generation systems. In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Variable	Response
Has your local government undertaken district energy projects in 2014?	No
Has your local government undertaken renewable energy projects 2014?	No
Are you aware of the integrated resource recovery (IRR) guidance page on the BC Climate Action Toolkit? ( <a href="http://www.toolkit.bc.ca/tool/integrated-resource-recovery-irr">http://www.toolkit.bc.ca/tool/integrated-resource-recovery-irr</a> )	Yes

### CORPORATE - Energy Generation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Replaced 3 City vehicles with more fuel efficient models	Add electric vehicles to City fleet
Feasibility Studies, Research, Analysis	(No response)	(No response)
Plans, Policies, Regulations	(No response)	(No response)
Policy Implementation	(No response)	(No response)
Employee Training, Awareness	(No response)	(No response)
Committees, Staffing	(No response)	(No response)
Funding	(No response)	(No response)

## COMMUNITY-WIDE - Energy Generation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Installed 4 solar powered pedestrian walk signals	(No response)
Feasibility Studies, Research, Analysis	(No response)	(No response)
Plans, Policies, Regulations	(No response)	Update of OCP may include policies related to energy generation
Policy Implementation	(No response)	(No response)
Community Education, Engagement	(No response)	(No response)
Committees, Staffing	(No response)	(No response)
Funding	Solar powered pedestrian signals (ICBC)	(No response)

## Greenspace

### GREENSPACE

Greenspace refers to parks and greenways, boulevards, community forests, urban agriculture, riparian areas, gardens, recreation/school sites, and other green spaces, such as remediated brownfield/contaminated sites. Greenspaces support climate change mitigation (reducing emissions by absorbing and sequestering GHG) and adaptation (providing shade, cooling, deflecting strong wind, and improving air quality). In the appropriate boxes below, please record all community-wide actions taken in 2014 and proposed for 2015 (Note: the 'Greenspace' sector only has a community-wide actions section). Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Variable

Response

Does your local government have urban forest policies, plans or programs?

No

## COMMUNITY-WIDE - Greenspace

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements,	Enhanced local parks and planted over	Centennial Park trail

Construction	125 trees	improvements
Feasibility Studies, Research, Analysis	(No response)	OCP review will address parkland, research for Urban Forestry Management Plan
Plans, Policies, Regulations	Revised Tree Management Bylaw to include entire City until new Urban Forest Management Plan is implemented	Review Parks Master Plan
Policy Implementation	Develop signage standard	Install new park signage
Community Education, Engagement	Ongoing support of community gardens	(No response)
Committees, Staffing	Centre Street Walkway Improvements Task Force, Johnston Road Reconstruction & Beautification Task Force	(No response)
Funding	(No response)	(No response)

## Solid Waste

### SOLID WASTE

Reducing, reusing, recycling, recovering and managing the disposal of the residual solid waste minimizes environmental impacts and supports sustainable environmental management, greenhouse gas reductions, and improved air and water quality. In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Variable	Response
Does your local government have construction and demolition waste reduction policies, plans or programs?	Yes
Does your local government have organics reduction/diversion policies, plans or programs?	Yes

### CORPORATE - Solid Waste

Actions taken in

Actions proposed for 2015

2014

Physical Improvements, Construction	(No response)	Update waste receptacles in public spaces
Feasibility Studies, Research, Analysis	(No response)	Solid waste receptacle pilot study
Plans, Policies, Regulations	(No response)	(No response)
Policy Implementation	(No response)	(No response)
Employee Training, Awareness	(No response)	(No response)
Committees, Staffing	(No response)	(No response)
Funding	(No response)	(No response)

**COMMUNITY-WIDE - Solid Waste**

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Additional recyclables added to collection stream	Support shoreline clean up projects
Feasibility Studies, Research, Analysis	Solid waste review/audit completed	(No response)
Plans, Policies, Regulations	(No response)	Implementation of solid waste utility
Policy Implementation	(No response)	(No response)
Community Education, Engagement	Continued composter subsidy for residents	New solid waste app added to City website
Committees, Staffing	East Beach Task Force review of waste receptacles	Public information session on multi-family solid waste collections
Funding	(No response)	(No response)

**Transportation**

**TRANSPORTATION**

Transportation actions that increase transportation system efficiency, emphasize the movement of people and goods, and give priority to more efficient modes, e.g. walking, cycling, ridesharing, and public transit, can contribute to reductions in greenhouse gas emissions and more livable communities. In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Variable	Response
Does your local government have policies, plans or programs to support alternative modes and technologies of transportation (e.g. walking, cycling, transit, electric vehicles)	Yes
Does your local government have a transportation demand management (TDM) strategy? ( <a href="http://www.toolkit.bc.ca/resource/transportation-demand-management-small-and-mid-sized-communities-toolkit">http://www.toolkit.bc.ca/resource/transportation-demand-management-small-and-mid-sized-communities-toolkit</a> )	No
Does your local government have policies, plans or programs to support local food production (thus reducing transportation emissions)?	No

## CORPORATE - Transportation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	(No response)	Update transit shelters
Feasibility Studies, Research, Analysis	(No response)	(No response)
Plans, Policies, Regulations	Provided pedestrian safety fencing along railway tracks	Upgrade existing pedestrian railway crossing and installation of 2 new pedestrian railway crossings
Policy Implementation	(No response)	(No response)
Employee Training, Awareness	(No response)	(No response)
Committees, Staffing	Planning for transit (Translink)	(No response)
Funding	(No response)	Application to Building Canada Fund for Johnston Road improvements

## COMMUNITY-WIDE - Transportation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Improved bike lane on Marine Drive and pedestrian safety improvements in 2 school zones	Improve hillside walkways for pedestrian walking and install additional bike racks at civic facilities and public locations
Feasibility Studies, Research, Analysis	Traffic safety review on Johnston Road	(No response)
Plans, Policies, Regulations	Strategic Transportation Plan updated	Sidewalk improvements to improve walkability



Policy Implementation	(No response)	(No response)
Community Education, Engagement	(No response)	(No response)
Committees, Staffing	(No response)	(No response)
Funding	Roadsafety/pedestrian improvements (ICBC)	Marine Drive bike lane improvements (Translink)

## Water and Wastewater

### WATER and WASTEWATER

Managing and reducing water consumption and wastewater is an important aspect of developing a sustainable built environment that supports healthy communities, protects ecological integrity, and reduces greenhouse gas emissions. In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Variable	Response
Does your local government have water conservation policies, plans or programs?	No

### CORPORATE - Water and Wastewater

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	(No response)	(No response)
Feasibility Studies, Research, Analysis	(No response)	(No response)
Plans, Policies, Regulations	(No response)	Update Sewer Bylaw to reflect new regulations regarding grease interceptors and garbeurators
Policy Implementation	(No response)	(No response)
Employee Training, Awareness	(No response)	(No response)

Committees, Staffing	(No response)	(No response)
Funding	(No response)	(No response)

## COMMUNITY-WIDE - Water and Wastewater

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	(No response)	Various local road capital improvements
Feasibility Studies, Research, Analysis	(No response)	Review I&I and CCTV program for sewers
Plans, Policies, Regulations	Review best practices for stormwater	Update best practices for stormwater
Policy Implementation	(No response)	(No response)
Community Education, Engagement	(No response)	(No response)
Committees, Staffing	(No response)	(No response)
Funding	(No response)	(No response)

## Other Climate Actions

### OTHER CLIMATE ACTIONS

This section is intended to give local governments a chance to record other climate actions that could not be captured in the above sectors, including climate change adaptation actions and air quality actions. In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Variable	Response
Has your local government begun to integrate the impacts of a changing climate (adaptation) into its planning and operations?	Yes
Are you aware of the climate change adaptation guidance page on the BC Climate Action Toolkit? ( <a href="http://www.toolkit.bc.ca/adaptation-challenges-and-opportunities">http://www.toolkit.bc.ca/adaptation-challenges-and-opportunities</a> )	Yes

## CORPORATE - Other Climate Action

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	(No response)	(No response)
Feasibility Studies, Research, Analysis	Mobile air unit testing for air quality analysis with Metro Vancouver	(No response)
Plans, Policies, Regulations	(No response)	(No response)
Policy Implementation	(No response)	(No response)
Employee Training, Awareness	(No response)	(No response)
Committees, Staffing	Continued opposition of Fraser Surrey Docks expansion of coal handling facility	(No response)
Funding	(No response)	(No response)

## COMMUNITY-WIDE - Other Climate Action

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	(No response)	(No response)
Feasibility Studies, Research, Analysis	(No response)	(No response)
Plans, Policies, Regulations	(No response)	Review and update of OCP including development permit guideline to address climate action
Policy Implementation	(No response)	(No response)
Community Education, Engagement	(No response)	(No response)
Committees, Staffing	Environmental Advisory Committee	(No response)
Funding	(No response)	(No response)

## Innovation

### INNOVATION

This section is intended to give your local government an opportunity to describe any energy and GHG emission reduction activities that have been undertaken over the past year(s) that your local government is particularly proud of and would like to share with other local governments.

## CORPORATE - Innovation

Please describe any innovative corporate actions taken in 2014 and add links to additional information where possible.

(No response)

## COMMUNITY-WIDE - Innovation

Please describe any innovative community-wide actions taken in 2014 and add links to additional information where possible.

(No response)

## Local Government Information

### LOCAL GOVERNMENT INFORMATION

Variable	Response
LOCAL GOVERNMENT INFORMATION   Name of Local Government	White Rock, The Corporation of the City of
LOCAL GOVERNMENT INFORMATION   Name of member Regional District (RD)	Greater Vancouver (Metro)
LOCAL GOVERNMENT INFORMATION   Regional Growth Strategy (RGS) in your region	Yes
LOCAL GOVERNMENT INFORMATION   Population	10,000-49,999

### Submitted by:

Variable	Response
Submitted by:   Name	Greg St. Louis
Submitted by:   Position	Director, Engineering and Municipal Operations
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**This year we replaced the CARIP Public Reporting Template with two online surveys to streamline and improve the reporting process. We would like to know what you think.**

Please check the answer that best describes your thoughts on how the Climate Actions Survey and the new survey process compares to the previous year's process.

Neutral

**Before submitting your survey, please ensure that it is your local government's complete and final 2014 Climate Actions Survey. Please submit this survey only once.**

Is this your local government's complete and final 2014 Climate Actions Survey?

Yes

**Once you have submitted your survey, be sure to download your survey report from the 'Thank You' page and use it as your public report.**