



# Climate Action Revenue Incentive Program (CARIP) Public Reporting - Climate Actions Survey 2014

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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	(No response)

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

[Type text]

## CORPORATE - Broad Planning

	Actions taken in 2014	Actions proposed for 2015
Feasibility Studies, Research, Analysis	Action Plan for Carbon Neutral Reserve Fund Developed	Analysis of performance of solar hot water systems planned
Plans, Policies, Regulations	Annual Carbon Neutral Reporting	Annual Carbon Neutral Reporting
Policy Implementation		
Employee Training, Awareness	Green Team hosts energy conservation events and campaigns for staff	Green Team is promoting Earth Hour; hosting Earth Week Film Festival; promoting energy conservation among employees
Committees, Staffing	Corporate Green Team Manager Long Range Planning & Sustainability	Corporate Green Team Manager Long Range Planning & Sustainability
Funding	\$40,000 contributed to Corporate Carbon Neutral Reserve (in lieu of offsets)	\$40,000 allocated for Corporate Carbon Neutral Reserve (in lieu of offsets)

## COMMUNITY-WIDE - Broad Planning

	Actions taken in 2014	Actions proposed for 2015
Feasibility Studies, Research, Analysis	Plan development for community energy retrofit program - Phase 2 Power Down Campbell River	Develop detailed work plan for community energy retrofit program
Plans, Policies, Regulations	Review of building sector targets/actions in Community Energy and Emissions Plan	
Policy Implementation		
Community Education, Engagement	Promotion of Earth Hour through press release/social media	Promotion of Earth Hour through press release/social media
Committees, Staffing	Manager Long Range Planning and Sustainability continues to have a focus on energy and emissions planning as one area of work plan	Manager Long Range Planning and Sustainability continues to have a focus on energy and emissions planning as one area of work plan
Funding	City provides funding for staff position, which includes energy and emissions as one area of portfolio	City provides funding for staff position, which includes energy and emissions as one area of portfolio

[Type text]

## 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	initiation of upgrade to HVAC system at Maritime Heritage Centre	completion of upgrade to HVAC system at Maritime Heritage Centre
Feasibility Studies, Research, Analysis	Assessment of feasibility of solar PV/wind energy at Discovery Fishing Pier	
Plans, Policies, Regulations	Bicycle infrastructure planning with Youth Advisory Committee to compliment the City's Master Transportation Plan	Bicycle infrastructure planning with Youth Advisory Committee to compliment the City's Master Transportation Plan
Policy Implementation	Promotion of downtown tax revitalization exemption for LEED buildings	Promotion of downtown tax revitalization exemption for LEED buildings
Employee Training, Awareness		
Committees, Staffing	Liaison with City's Advisory Planning and Environment Commission on energy related issues as they arise	Liaison with City's Advisory Planning and Environment Commission on energy related issues as they arise
Funding	CARIP; Community Works Fund	CARIP; Secured funding for a COOP student to work on energy reduction initiatives; Community Works Fund

[Type text]

## COMMUNITY-WIDE - Buildings

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	New BC Building Code will increase building energy efficiency. Promoted awareness of code changes through Builder and Developers Forum and workshops.	Builders and Developers workshops on new code changes.
Feasibility Studies, Research, Analysis		
Plans, Policies, Regulations		
Policy Implementation	All new single family homes are built solar ready	Continue to require all new single family homes to be built solar ready
Community Education, Engagement	Promotion of Fortis BC/BC Hydro Hero Program (energy incentives)	Continued Promotion of Fortis BC/BC Hydro Hero Program (energy incentives)
Committees, Staffing	Green Team/Youth Action Committee/Advisory Planning and Environment Commission all address energy conservation initiatives and policies as they emerge	Green Team/Youth Action Committee/Advisory Planning and Environment Commission all address energy conservation initiatives and policies as they emerge
Funding	CARIP	CARIP/PICS funding for a COOP student available to work on energy conservation awareness

## 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.

[Type text]

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		
Feasibility Studies, Research, Analysis	feasibility assessment of potential for solar PV/wind energy generation at Discovery Fishing Pier	assessment of solar hot water potential at Centennial Pool
Plans, Policies, Regulations		
Policy Implementation		
Employee Training, Awareness		
Committees, Staffing		
Funding		

## COMMUNITY-WIDE - Energy Generation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction		
Feasibility Studies, Research, Analysis		
Plans, Policies, Regulations		
Policy Implementation		
Community Education, Engagement		
Committees, Staffing		
Funding		

[Type text]

## 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?	Yes

### COMMUNITY-WIDE - Greenspace

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Invasive Species removal in environmentally sensitive areas, Baikie Island and along the foreshore	Continued invasive species removal in environmentally sensitive areas, Baikie Island and along the foreshore
Feasibility Studies, Research, Analysis	Study of options for shoreline restoration in Robert Ostler Park	Restoration to Robert Ostler Park foreshore
Plans, Policies, Regulations	Initiated phase 2 of the Urban Forest Management Plan Developed an Environmental Protection Bylaw Initiated Invasive Species Management Plan	Completion of Urban Forest Management Plan Completion of the Invasive Species Management Plan
Policy Implementation	Continue to implement Foreshore Management Plan through Development Permit Guidelines	Continue to implement Foreshore Management Plan through Development Permit Guidelines
Community Education, Engagement	Produced 'Ask Luke' Cartoons for local newspapers highlighting key environmental protection measures	Produced 'Ask Luke' Cartoons for local newspapers highlighting key environmental protection measures
Committees,	Urban Forest Management Plan Steering	Urban Forest Management Plan

[Type text]

Staffing	Committee; City's Environmental Coordinator	Steering Committee; City's Environmental Coordinator
Funding	Community Works Fund; PICS	Community Works Fund

## 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?	No
Does your local government have organics reduction/diversion policies, plans or programs?	Yes

### CORPORATE - Solid Waste

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction		
Feasibility Studies, Research, Analysis	Issued RFP for Organics Facility Development	Applying for funding for Organics Facility Development
Plans, Policies, Regulations		
Policy Implementation		
Employee Training, Awareness	Implement Green Event Guide for City functions/Canada Day	Implement Green Event Guide for City functions/Canada Day
Committees, Staffing	Green Team/Environmental Coordinator/Manager Long Range	Green Team/Environmental Coordinator/Manager Long Range

[Type text]

	Planning and Sustainability	Planning and Sustainability
Funding		

## COMMUNITY-WIDE - Solid Waste

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction		
Feasibility Studies, Research, Analysis		
Plans, Policies, Regulations	Expanded recycling service to accept more products at the curbside (MMBC)	
Policy Implementation		
Community Education, Engagement	Carried out extensive education about the expanded recycling program (MMBC) education - video clips on Shaw TV, media interviews, cartoons, communication materials	Continue expanded recycling program (MMBC) education - video clips on Shaw TV, media interviews, cartoons, communication materials
Committees, Staffing	Part of Regional Solid Waste Management Board/Staff Advisory Committee	Part of Regional Solid Waste Management Board/Staff Advisory Committee
Funding	MMBC	MMBC

## 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.



[Type text]

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> )	Yes
Does your local government have policies, plans or programs to support local food production (thus reducing transportation emissions)?	Yes

## CORPORATE - Transportation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction		
Feasibility Studies, Research, Analysis		
Plans, Policies, Regulations	Continued implementation of actions in the Master Transportation Plan	Continued implementation of actions in the Master Transportation Plan
Policy Implementation		
Employee Training, Awareness	Promotion of Bike to Work Week	Promotion of Bike to Work Week
Committees, Staffing		
Funding		

## COMMUNITY-WIDE - Transportation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	800 metres of new bike lanes; 1500 metres of new sidewalk; new traffic signal (LED lights); new way finding signage for new cycling lane	continue bike lane/sidewalk upgrades; install bike racks throughout the community. Applied for funding for highway upgrades along the oceanfront, which would include pedestrian/cycling improvements
Feasibility Studies, Research, Analysis	Youth Action Committee surveyed young people on transit improvement ideas and presented recommendations to Council	Youth Action Committee is undertaking a community survey on cycling infrastructure improvements/hosting a focus group

[Type text]

Plans, Policies, Regulations		
Policy Implementation		
Community Education, Engagement	Promotion of Bike to Work Week; Youth Action Committee developed a video encouraging people to take transit	Promotion of Bike to Work Week
Committees, Staffing	Transportation Department; Youth Action Committee	Transportation Department; Youth Action Committee
Funding	community business donations for Bike to Work Week; Community Works Fund	community business donations for Bike to Work Week; Community Works Fund

## 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?	Yes

### CORPORATE - Water and Wastewater

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction		
Feasibility Studies, Research, Analysis		
Plans, Policies,		

[Type text]

Regulations		
Policy Implementation		
Employee Training, Awareness	Water Conservation Tips provides through employee newsletter and on internal staff web	Water Conservation Tips provides through employee newsletter and on internal staff web
Committees, Staffing	Utilities Department; Green Team	Utilities Department; Green Team
Funding		

## COMMUNITY-WIDE - Water and Wastewater

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction		
Feasibility Studies, Research, Analysis	Considering opportunity for composting biosolids	
Plans, Policies, Regulations		
Policy Implementation		
Community Education, Engagement	Water Conservation Education through summer months	Water Conservation Education through summer months
Committees, Staffing	Utilities Department	Utilities Department
Funding	General Revenue (City)	General Revenue (City)

### 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	Yes

[Type text]

(adaptation) into its planning and operations?

Are you aware of the climate change adaptation guidance page on the BC Climate Action Toolkit? (<http://www.toolkit.bc.ca/adaptation-challenges-and-opportunities>)

Yes

## CORPORATE - Other Climate Action

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	continued implementation of soft shores restoration along the marine foreshore (approx. 150 metres/year)	continued implementation of soft shores restoration along the marine foreshore; potential foreshore (approx. 150 metres/year)
Feasibility Studies, Research, Analysis		
Plans, Policies, Regulations		
Policy Implementation	Air Quality reporting in annual report; implementing Agriculture Plan through local food initiatives and development of an online Food Map to promote locally available products and land for food growing	Air Quality reporting in annual report
Employee Training, Awareness		
Committees, Staffing	staff participation in Provincial Sea Level Rise Planning Committee (Environmental Coordinator)	staff participation in Provincial Sea Level Rise Planning Committee (Environmental Coordinator)
Funding	General Revenue (City); Community Works Fund	General Revenue (City); Province of BC; Community Works Fund

## COMMUNITY-WIDE - Other Climate Action

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction		
Feasibility Studies, Research, Analysis		
Plans, Policies, Regulations		

[Type text]

Policy Implementation	Woodstove Exchange Program offered to assist in improving air quality
Community Education, Engagement	
Committees, Staffing	
Funding	Province

## 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.

The City, in partnership with the Comox Strathcona Waste Management service is working on the development of an organics facility that has the potential to meet the regional needs for organics diversion.

#### COMMUNITY-WIDE - Innovation

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

The City is seeking to promote the benefits of soft shore restoration along our ocean front, which will help the community to adapt to a changing climate, increased storms and sea level rise.

The City implemented an online Food Map promoting local food and land available for community gardens and other food growing initiatives. The Food Map is a web-based resource that identifies retailers, restaurants and farms selling Campbell River, Strathcona Region, Vancouver Island, and Gulf & Discovery Island-sourced agricultural products. As well, an inventory of City land has been posted on the Food Map so that organizations interested in community garden development have potential sites to consider and guidelines. [www.foodmap.campbellriver.ca](http://www.foodmap.campbellriver.ca)

[Type text]

## Local Government Information

### LOCAL GOVERNMENT INFORMATION

Variable	Response
LOCAL GOVERNMENT INFORMATION   Name of Local Government	Campbell River, City of
LOCAL GOVERNMENT INFORMATION   Name of member Regional District (RD)	Strathcona
LOCAL GOVERNMENT INFORMATION   Regional Growth Strategy (RGS) in your region	No
LOCAL GOVERNMENT INFORMATION   Population	10,000-49,999

### Submitted by:

Variable	Response
Submitted by:   Name	Amber Zirnhelt
Submitted by:   Position	Manager Long Range Planning & Sustainability
Submitted by:   Email	amber.zirnhelt@campbellriver.ca
Submitted by:   Telephone # (ten digit)	250-286-5742

**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.

Somewhat improved

**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