

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

<http://fluidsurveys.com/surveys/irpb/carip/a66b8a92295a923006d452f69a43b41492a8bdac/>

*Filled Thursday, March 05, 2015*

## 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

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
Feasibility Studies, Research, Analysis	Use SMARTtool measure, track & report on corporate emissions.	Continue to use SMARTtool.
Plans, Policies, Regulations	Use the 2012 Corporate Energy & Emissions Plan to guide GHG emissions reduction initiatives	(No response)
Policy Implementation	Continue to implement recommendations from the 2012 Corporate and Emissions Plan.	Continue to implement recommendations from the 2012 Corporate and Emissions Plan.
Employee Training, Awareness	(No response)	(No response)
Committees, Staffing	(No response)	(No response)
Funding	(No response)	(No response)

## COMMUNITY-WIDE - Broad Planning

	Actions taken in 2014	Actions proposed for 2015
Feasibility Studies, Research, Analysis	Successful monitoring of the "second avenue parking lot pilot project" where climate appropriate plant material was used.	(No response)
Plans, Policies, Regulations	Zoning Bylaw amended to reduce required parking for retail uses on Main Street. Zoning Bylaw amended to permit carriage houses (increase residential density; affordability; infill development).	Complete a Downtown Residential Strategy to encourage a greater density of residential development in downtown Smithers. Update standard drawings in the Subdivision Servicing & Development Standards Bylaw to incorporate Alternative Design Standards, where appropriate.
Policy Implementation	Refer to the Community Energy and Emissions Plan to guide reduction initiatives. Refer to the Official Community Plan to guide future growth and development.	Continue to refer to the Community Energy and Emissions Plan to guide reduction initiatives. Continue to refer to the Official Community Plan to guide future growth and development.
Community Education, Engagement	Created user-friendly homeowner guides on carriage houses. Staff hosted a Public Downtown Charrette Tour highlighted past downtown plans, initiatives completes and	Continue to consult with the community on future community planning projects.

	future projects.
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	Fire Hall: New energy efficient hot water heater.	Central Park Building: Install solar reflective window blinds on all windows.
Feasibility Studies, Research, Analysis	(No response)	Investigate the feasibility of solar lighting retrofit at Ranger Park. Determine the best heating system upgrade for the Public Library; either air to air or ground source heat pump.
Plans, Policies, Regulations	Continue to update the Facilities Maintenance Plan to ensure it is current.	Continue to update and use the Facilities Maintenance Plan to guide Town building improvements.
Policy Implementation	(No response)	(No response)
Employee Training,	(No response)	(No response)

Awareness		
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	(No response)	(No response)
Feasibility Studies, Research, Analysis	(No response)	(No response)
Plans, Policies, Regulations	(No response)	(No response)
Policy Implementation	(No response)	(No response)
Community Education, Engagement	Encourage builders to incorporate SaferHome design elements to increase accessibility of a home.	Continue to support educational initiatives.
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	Conducted the Town's first LED Pilot Project. Installed 17 LED street lights along the new Fulton Multi-Use Pathway.	Install LED lights on the remaining section of the Fulton Multi-Use Pathway.
Feasibility Studies, Research, Analysis	(No response)	Work with the Regional District of Bulkley-Nechako for engineering and design of a heat recovery system from the new arena to the BV Pool.
Plans, Policies, Regulations	(No response)	Develop an LED Streetlight Replacement Program to transition all Town streetlights from high pressure sodium to LED lights. Amend Subdivision Servicing & Development Standards Bylaw to require that all new street lights are to a new LED standard.
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	(No response)	(No response)
Feasibility Studies, Research, Analysis	(No response)	(No response)
Plans, Policies, Regulations	(No response)	(No response)
Policy Implementation	(No response)	(No response)
Community Education, Engagement	(No response)	(No response)

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

### COMMUNITY-WIDE - Greenspace

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Ongoing improvements to Bovill Square (remediated & redeveloped site that was purchased by the Town). Town approved (in-principle) the relocation of Smithers Community Services Association 8 x 12 greenhouse on Town property. Work with Smithers Community Services Association to plant trees and interpretive signage along a section of the Town's Perimeter Trail.	Continue to work with energy companies (i.e. Husky Energy, Imperial Oil, etc) to redevelop vacant former service station sites for interim community/park uses.
Feasibility Studies, Research, Analysis	(No response)	(No response)
Plans, Policies, Regulations	(No response)	Develop a Plan for Central Park
Policy	(No response)	(No response)

Implementation		
Community Education, Engagement	(No response)	Work with the community to encourage the continued use of Bovill Square.
Committees, Staffing	Town continues to jointly hold the Community Forest tenure with the Village of Telkwa.	Continue Community Forest Partnership.
Funding	(No response)	Continue to look for funding and partnership opportunities to improve green space areas.

## 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?	No

### CORPORATE - Solid Waste

	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)	(No response)
Policy Implementation	(No response)	(No response)

Employee Training, Awareness	(No response)	(No response)
Committees, Staffing	Continue workplace composting program.	(No response)
Funding	(No response)	(No response)

## COMMUNITY-WIDE - Solid Waste

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Acquisition and distribution of recycling carts (\$130,000 obtained with Gas Tax Funds).	(No response)
Feasibility Studies, Research, Analysis	(No response)	(No response)
Plans, Policies, Regulations	Launch of the Multi-Material BC Society (MMBC) program. Final phase-in for mandatory Town garbage carts (initiated in 2011).	(No response)
Policy Implementation	(No response)	(No response)
Community Education, Engagement	Town hired a Recycling Liaison who successfully launched a public education campaign.	Continue to provide recycling information to the public.
Committees, Staffing	(No response)	(No response)
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	New more energy efficient loader, sweeper and truck purchased at the Smithers Airport. 1.5 m wide recycled rubber walking track installed around the new second arena (183 m).	Continue to replace corporate fleet in accordance with Vehicle Purchasing Policy ADM-020, which considers emissions, life cycle costs, efficiency & environmental impact.
Feasibility Studies, Research, Analysis	(No response)	(No response)
Plans, Policies, Regulations	(No response)	(No response)
Policy Implementation	Adherence to the Anti-Idling Policy ADM-003.	(No response)
Employee Training, Awareness	(No response)	(No response)
Committees, Staffing	Town staff continues to use the corporate bicycles, where appropriate.	(No response)
Funding	(No response)	(No response)

## COMMUNITY-WIDE - Transportation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Construction of a 556 m extension of the Fulton Multi-Use Pathway. This is a 3-m wide concrete surface that accommodates multi-modes of non-motorized transportation. \$177,000 allocated to sidewalk repairs. \$25,000 budgeted towards accessibility curb cuts/letdowns. New Turner Way pedestrian bridge installed connecting the Willowvale neighbourhood to the	Install signage on the Fulton Pathway indicating all non-motorized transportation permitted. Construct new section of concrete sidewalk along Princess Street to connect Princess Crescent with the Fulton Pathway.

	Perimeter Trail network. Additional playground equipment installed at Riverside Municipal Campground. New 4-way stop installed at 3rd Ave and Queen Street to encourage use of the 3rd Ave Bike Route. Installed bike route signage along the 3rd Avenue Bike Route.	
Feasibility Studies, Research, Analysis	Report to Council on sidewalk costs, materials and financing options.	Investigate the use of recycled rubber sidewalk material.
Plans, Policies, Regulations	Implemented recommendations from the Bike Friendly Task Force (see construction).	(No response)
Policy Implementation	(No response)	(No response)
Community Education, Engagement	\$500 donation to Bike-to-Work-Week Creation and distribution of a Smithers Bike Route Map as part of the implementation of the Bike Friendly Initiatives identified in 2012.	Continue to support community education/outreach initiatives.
Committees, Staffing	Town representative on Access Smithers Committee to improve local accessibility.	Continue to work with local groups to improve accessibility.
Funding	Funding partner of the Smithers and District Transit System.	Continue to sponsor the Smithers and District Transit System.

**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	New sewage treatment plant bar screen. Princess Street watermain looping project completed to increase fire flows.	High efficiency wash system addition to new bar screen.
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)	Submit grant application for Airport water improvements.

## COMMUNITY-WIDE - 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)	(No response)
Policy Implementation	(No response)	(No response)
Community Education, Engagement	Participated in Drinking Water Awareness Week.	Continue to participate in Drinking Water Awareness Week.
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	(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 - 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)	(No response)
Policy Implementation	(No response)	(No response)
Community Education, Engagement	(No response)	(No response)
Committees, Staffing	(No response)	(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	Smithers, Town of
LOCAL GOVERNMENT INFORMATION   Name of member Regional District (RD)	Bulkley-Nechako
LOCAL GOVERNMENT INFORMATION   Regional Growth Strategy (RGS) in your region	No
LOCAL GOVERNMENT INFORMATION   Population	5,000-9,999

### Submitted by:

Variable	Response
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