

# 2015 CARIP Climate Action/Carbon Neutral Progress Survey

Created Friday, May 27, 2016

Updated Wednesday, June 01, 2016

<http://fluidsurveys.com/surveys/irpb/2015-carip-survey/30c285d0b721ce23eb94b21eb009b104f7e834d0/>

---

## Introduction

### Welcome to the 2015 CARIP Climate Action/Carbon Neutral Progress Survey

This year's CARIP reporting process consists of a single online survey – the 2015 CARIP Climate Action/Carbon Neutral Progress Survey – that combines the two surveys from last year into one. The 2015 online survey has been simplified to make reporting easier.

### **Local governments are required to submit the 2015 Climate Action/Carbon Neutral Progress Survey on or before June 1, 2016.**

Local governments are also required to publicly report the information submitted in the 2015 CARIP Climate Action/Carbon Neutral Progress Survey. There are three ways a local government can report to the public. These include using:

the report generated by the online survey (*FluidSurveysTM* software),

a report based on the populated supporting Word Template provided to local governments, or,

a report in another format that contains the information submitted in the 2015 CARIP Climate Action/Carbon Neutral Progress Survey.

The supporting Word Template has been created to assist with collecting information for the online 2015 Climate Action/Carbon Neutral Progress Survey. The Word Template is available on the CARIP webpage. It follows the same organization as the 2015 CARIP Climate Action/Carbon Neutral Progress Survey. Responses entered into the Word Template can be cut and pasted into the online survey.

Use of the Word Template is **optional**. Local governments may choose to edit the populated Word Template and use it for their public report, as an alternative to the report generated by the 2015 CARIP Climate Action/Carbon Neutral Progress Survey.

## **Information Highlights**

Deadline for submitting the 2015 CARIP Climate Action/Carbon Neutral Progress Survey: **June 1, 2016**

Detailed Instructions and FAQs can be found here:

[http://www.cscd.gov.bc.ca/lgd/library/2015\\_CARIP\\_Survey\\_Instructions.pdf](http://www.cscd.gov.bc.ca/lgd/library/2015_CARIP_Survey_Instructions.pdf)

Supporting Word Template can be found here:

[http://www.cscd.gov.bc.ca/lgd/library/2015\\_CARIP\\_Survey\\_Template.doc](http://www.cscd.gov.bc.ca/lgd/library/2015_CARIP_Survey_Template.doc)

**Community-Wide Actions:** Actions undertaken to reduce GHG emissions in the community at-large, i.e. not related to corporate operations.

**Corporate Actions:** Actions undertaken to reduce GHG emissions produced as a result of a local government's delivery of "traditional services", including fire protection, solid waste

management, recreational/cultural services, road and traffic operations, water and wastewater management, and local government administration.

**Please keep answers brief and avoid duplication by entering each action into a single category.**

## Broad Planning

### **BROAD PLANNING ACTIONS**

Broad planning refers to high level planning that sets the stage for GHG emissions reductions, including plans such as Official Community Plans, Integrated Community Sustainability Plans, Climate Action Plans or Community Energy Emissions Plans. Land use planning that focuses on Smart Growth principles (compact, complete, connected, centred) plays an especially important role in energy and GHG reduction.

### **COMMUNITY-WIDE**

### **COMMUNITY-WIDE BROAD PLANNING - 2015 ACTIONS**

In the following section, please identify up to five community-wide Broad Planning actions taken in 2015 (one action per box). There is a separate box for additional actions that you wish to report.

#### 2015 Community-Wide Broad Planning Actions

2015 Community-Wide Broad Planning Actions	Urban Forest Strategy Phase I - High level review and goal setting of the City's urban forest.
2015 Community-Wide Broad Planning Actions	Community Forest Management Plan for 300 acre forest/park
2015 Community-Wide Broad Planning Actions	Zoning bylaw amendments to permit Cluster housing and innovate new form of density on our city
2015 Community-Wide Broad Planning Actions	Overview of our DCC Reduction Program (Development Cost Charges reductions for energy efficient buildings / projects)
2015 Community-Wide Broad Planning Actions	(No response)

#### **Additional Community-Wide Actions Taken in 2015**

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional community-wide Broad Planning actions in the boxes below **(optional)**.

*(No response)*

### **COMMUNITY-WIDE BROAD PLANNING - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five community-wide Broad Planning actions proposed for 2016 (one action per box).

#### 2016 Community-Wide Broad Planning Proposed Actions

2016 Community-Wide Broad Planning Proposed Actions	Zoning Bylaw Update
2016 Community-Wide Broad Planning Proposed Actions	Penticton Creek Revitalization Master Plan
2016 Community-Wide Broad Planning Proposed Actions	Solid Waste, Recycling and Yard Waste Cart System Conversion

2016 Community-Wide Broad Planning Proposed Actions	Continuation of Urban Forest Strategy
2016 Community-Wide Broad Planning Proposed Actions	OCP review and scoping for 2017 revision

**CORPORATE**

**CORPORATE BROAD PLANNING - 2015 ACTIONS**

In the following section, please identify up to five corporate Broad Planning actions taken in 2015 (one action per box). There is a separate box for additional actions that you wish to report.

2015 Corporate Broad Planning Actions

2015 Corporate Broad Planning Actions	LED light replacement (street light program)
2015 Corporate Broad Planning Actions	Facilities Master Plan implementation and beginning of Phase II review
2015 Corporate Broad Planning Actions	(No response)
2015 Corporate Broad Planning Actions	(No response)
2015 Corporate Broad Planning Actions	(No response)

**Additional Corporate Actions Taken in 2015**

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional corporate Broad Planning actions in the boxes below **(optional)**.

*(No response)*

**CORPORATE BROAD PLANNING - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five community-wide Broad Planning actions proposed for 2016 (one action per box).

2016 Corporate Broad Planning Proposed Actions

2016 Corporate Broad Planning Proposed Actions	Asset Management Study
2016 Corporate Broad Planning Proposed Actions	Facilities Master Plan Phase II
2016 Corporate Broad Planning Proposed Actions	Investment in GIS system for electrical and water utilities
2016 Corporate Broad Planning Proposed Actions	(No response)
2016 Corporate Broad Planning Proposed Actions	(No response)

**SNAPSHOT QUESTIONS**

**Does your local government set aside funds in a climate reserve fund or something similar?**

*Yes*

**Does your local government have a corporate GHG reduction plan?**

Yes

**What is your current GHG reduction target (s) as identified in your OCP or RGS?**

*5% overall community reduction in GHG emissions from 2007 levels by 2020 (This represents a 20% reduction per person). 10% overall community reduction in GHG emissions by 2030 (This represents a 35% reduction per person). Our Corporate reduction goals are to reduce GHG emissions by 20% by 2020.*

**Has your local government used the Community Energy and Emissions Inventory (CEEI) to measure progress?**

No

**What plans, policies or guidelines govern the implementation of climate mitigation in your community?**

- Community-Wide Action Plan
- OCP
- Other, please specify...: Corporate Action Plan

## Building and Lighting

### **BUILDING AND LIGHTING ACTIONS**

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 when calculated over the long term. This category also includes reductions realized from energy efficient street lights and lights in parks or other public spaces.

### **COMMUNITY-WIDE**

#### **COMMUNITY-WIDE BUILDING AND LIGHTING - 2015 ACTIONS**

In the following section, please identify up to five community-wide Building and Lighting actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

##### 2015 Community-Wide Building and Lighting Actions

2015 Community-Wide Building and Lighting Actions	LED Street light replacement program which replaced 2,272 lights
2015 Community-Wide Building and Lighting Actions	Development Cost Charge reduction program: 4 eligible buildings
2015 Community-Wide Building and Lighting Actions	Home Energy Loan Program
2015 Community-Wide Building and Lighting Actions	(No response)
2015 Community-Wide Building and Lighting Actions	(No response)

#### **Additional Community-Wide Building and Lighting Actions Taken in 2015**

For those communities that would like to provide additional actions - please list, separated by a “/”, any additional community-wide Building and Lighting actions in the boxes below **(optional)**.

*(No response)*

#### **COMMUNITY-WIDE BUILDING AND LIGHTING - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five community-wide Building and Lighting actions proposed for 2016 (one action per box).

##### 2016 Community-Wide Building and Lighting Proposed Actions

2016 Community-Wide Building and Lighting Proposed Actions	Continuation and strengthening of the DCC reduction program for sustainable building
2016 Community-Wide Building and Lighting Proposed Actions	Home Energy Loan Program
2016 Community-Wide Building and Lighting Proposed Actions	(No response)
2016 Community-Wide Building and Lighting Proposed Actions	(No response)

## **CORPORATE**

### **CORPORATE BUILDING AND LIGHTING - 2015 ACTIONS**

In the following section, please identify up to five corporate Building and Lighting actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

#### 2015 Corporate Building and Lighting Actions

2015 Corporate Building and Lighting Actions	City Hall renovation
2015 Corporate Building and Lighting Actions	New Blower for Waste Water Treatment Plant
2015 Corporate Building and Lighting Actions	LED bulb replacement program for City buildings and arenas
2015 Corporate Building and Lighting Actions	Identified and fixed problems with the geothermal system for the soccer bubble
2015 Corporate Building and Lighting Actions	Installation of electrical sub-metering to identify peaks at the waste water treatment plan

#### **Additional Building and Lighting Corporate Actions Taken in 2015**

For those communities that would like to provide additional actions - please list, separated by a “/”, any additional corporate Building and Lighting actions in the boxes below (**optional**).

*(No response)*

### **CORPORATE BUILDING AND LIGHTING - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five corporate Broad Planning actions proposed for 2016 (one action per box).

#### 2016 Building and Lighting Proposed Actions

2016 Building and Lighting Proposed Actions	Replacement of old light fixtures with LED fixtures at curling rink
2016 Building and Lighting Proposed Actions	Installation of high efficiency packaged furnace (air handling unit) for the soccer bubble
2016 Building and Lighting Proposed Actions	Installed new infrared, tube heater system in the garage at the City Yards
2016 Building and Lighting Proposed Actions	Installation of a new dog pound designed for high energy efficiency
2016 Building and Lighting Proposed Actions	Installation of dissolved oxygen probes to better control aeration at the waste water treatment plan

## Energy Generation

### **ENERGY GENERATION ACTIONS**

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.

### **COMMUNITY-WIDE**

#### **COMMUNITY-WIDE ENERGY GENERATION - 2015 ACTIONS**

In the following section, please identify up to five community-wide Energy Generation actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

##### 2015 Community-Wide Energy Generation Actions

2015 Community-Wide Energy Generation Actions	(No response)
2015 Community-Wide Energy Generation Actions	(No response)
2015 Community-Wide Energy Generation Actions	(No response)
2015 Community-Wide Energy Generation Actions	(No response)
2015 Community-Wide Energy Generation Actions	(No response)

#### **Additional Community-Wide Energy Generation Actions Taken in 2015**

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional community-wide Energy Generation actions in the boxes below **(optional)**.

*(No response)*

#### **COMMUNITY-WIDE ENERGY GENERATION - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five community-wide Energy Generation actions proposed for 2016 (one action per box).

##### 2016 Community-Wide Energy Generation Proposed Actions

2016 Community-Wide Energy Generation Proposed Actions	Promoting net metering through our electrical utility to assist those who wish to have on site energy generation
2016 Community-Wide Energy Generation Proposed Actions	(No response)
2016 Community-Wide Energy Generation Proposed Actions	(No response)

2016 Community-Wide Energy Generation Proposed Actions	(No response)
2016 Community-Wide Energy Generation Proposed Actions	(No response)

**CORPORATE**

**CORPORATE ENERGY GENERATION - 2015 ACTIONS**

In the following section, please identify up to five corporate Energy Generation actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

2015 Corporate Energy Generation Actions

2015 Corporate Energy Generation Actions	(No response)
2015 Corporate Energy Generation Actions	(No response)
2015 Corporate Energy Generation Actions	(No response)
2015 Corporate Energy Generation Actions	(No response)
2015 Corporate Energy Generation Actions	(No response)

**Additional Corporate Energy Generation Actions Taken in 2015**

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional corporate Energy Generation actions in the boxes below **(optional)**.

*(No response)*

**CORPORATE ENERGY GENERATION - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five community-wide Energy Generation actions proposed for 2016 (one action per box).

2016 Energy Generation Proposed Actions

2016 Energy Generation Proposed Actions	Looking into feasibility for energy generation at City's irrigation water dam
2016 Energy Generation Proposed Actions	(No response)
2016 Energy Generation Proposed Actions	(No response)
2016 Energy Generation Proposed Actions	(No response)
2016 Energy Generation Proposed Actions	(No response)

**SNAPSHOT QUESTIONS**

**Is your local government developing or constructing...**

- None of the above

**Is your local government operating...**

---

- None of the above
- 

**Is your local government connected to a district energy system that is operated by another energy provider?**

*No*

**Are you aware of the Integrated Resource Recovery guidance page on the BC Climate Action Toolkit? <http://www.toolkit.bc.ca/tool/integrated-resource-recovery-irr>**

*Yes*

## Greenspace

### **GREENSPACE ACTIONS**

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.

### **COMMUNITY-WIDE**

### **COMMUNITY-WIDE GREENSPACE - 2015 ACTIONS**

In the following section, please identify up to five community-wide Greenspace actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

#### 2015 Community-Wide Greenspace Actions

2015 Community-Wide Greenspace Actions	Urban Forest Strategy development Phase I
2015 Community-Wide Greenspace Actions	Adoption of the SS Sicamous Park Master Plan
2015 Community-Wide Greenspace Actions	Penticton Creek Restoration project that naturalized the stream and focused on the planting of native species and enhancing habitat for kokanee and rainbow trout
2015 Community-Wide Greenspace Actions	Dedication of 300 Acre Park
2015 Community-Wide Greenspace Actions	Installation of water bottle filling and bike repair station along the KVR Trail

#### **Additional Community-Wide Greenspace Actions Taken in 2015**

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional community-wide Greenspace actions in the boxes below **(optional)**.

*Expansion of the Vancouver Avenue Community Garden to 51 spots / Launch of the Community Gardens Website / Changes to the zoning bylaw permitting 'urban agriculture' in any zone in the city*

### **COMMUNITY-WIDE GREENSPACE - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five community-wide Greenspace actions proposed for 2016 (one action per box).

#### 2016 Community-Wide Greenspace Proposed Actions

2016 Community-Wide Greenspace Proposed Actions	Parks and Recreation Master Plan
2016 Community-Wide Greenspace Proposed Actions	Phase II of the Urban Forest Strategy
2016 Community-Wide Greenspace Proposed Actions	Tree Planting Program
2016 Community-Wide Greenspace Proposed Actions	Penticton Creek Master Plan

**CORPORATE****CORPORATE GREENSPACE - 2015 ACTIONS**

In the following section, please identify up to five corporate Greenspace actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

**2015 Corporate Greenspace Actions**

2015 Corporate Greenspace Actions	Street Tree Replacement and Installation Program
2015 Corporate Greenspace Actions	(No response)
2015 Corporate Greenspace Actions	(No response)
2015 Corporate Greenspace Actions	(No response)
2015 Corporate Greenspace Actions	(No response)

**Additional Corporate Greenspace Actions Taken in 2015**

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional corporate Greenspace actions in the boxes below (**optional**).

*(No response)*

**CORPORATE GREENSPACE - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five corporate Greenspace actions proposed for 2016 (one action per box).

**2016 Greenspace Proposed Actions**

2016 Greenspace Proposed Actions	Asset Management Program
2016 Greenspace Proposed Actions	GIS inventory of City owned trees
2016 Greenspace Proposed Actions	(No response)
2016 Greenspace Proposed Actions	(No response)
2016 Greenspace Proposed Actions	(No response)

**SNAPSHOT QUESTION**

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

*Yes*

## Solid Waste

### **SOLID WASTE ACTIONS**

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.

### **COMMUNITY-WIDE**

### **COMMUNITY-WIDE SOLID WASTE - 2015 ACTIONS**

In the following section, please identify up to five community-wide Solid Waste actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

#### 2015 Community-Wide Solid Waste Actions

2015 Community-Wide Solid Waste Actions	Planning for the conversion of Penticton households from regular curbside collection to an automated cart program
2015 Community-Wide Solid Waste Actions	Ran a successful curbside garbage, recycling and yard waste collection program
2015 Community-Wide Solid Waste Actions	Demolition and construction waste bulletin created to be handed out to demolition permit applicants educating about hazardous waste at time of demolition
2015 Community-Wide Solid Waste Actions	(No response)
2015 Community-Wide Solid Waste Actions	(No response)

#### **Additional Community-Wide Solid Waste Actions Taken in 2015**

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional community-wide Solid Waste actions in the boxes below **(optional)**.

*(No response)*

### **COMMUNITY-WIDE SOLID WASTE - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five community-wide Solid Waste actions proposed for 2016 (one action per box).

#### 2016 Community-Wide Solid Waste Proposed Actions

2016 Community-Wide Solid Waste Proposed Actions	Implementation of automated garbage, recycling, and yard waste Cart Program
2016 Community-Wide Solid Waste Proposed Actions	New regulations for garbage and recycling collection
2016 Community-Wide Solid Waste Proposed Actions	Educational program

2016 Community-Wide Solid Waste Proposed Actions	Conducting curbside recycling audits for single and multifamily residences
2016 Community-Wide Solid Waste Proposed Actions	(No response)

**CORPORATE**

**CORPORATE SOLID WASTE - 2015 ACTIONS**

In the following section, please identify up to five corporate Solid Waste actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

2015 Corporate Solid Waste Actions

2015 Corporate Solid Waste Actions	(No response)
2015 Corporate Solid Waste Actions	(No response)
2015 Corporate Solid Waste Actions	(No response)
2015 Corporate Solid Waste Actions	(No response)
2015 Corporate Solid Waste Actions	(No response)

**Additional Solid Waste Actions Taken in 2015**

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional corporate Solid Waste actions in the boxes below **(optional)**.

*(No response)*

**CORPORATE SOLID WASTE - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five corporate Solid Waste actions proposed for 2016 (one action per box).

2016 Solid Waste Proposed Actions

2016 Solid Waste Proposed Actions	(No response)
2016 Solid Waste Proposed Actions	(No response)
2016 Solid Waste Proposed Actions	(No response)
2016 Solid Waste Proposed Actions	(No response)
2016 Solid Waste Proposed Actions	(No response)

**SNAPSHOT QUESTIONS**

**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*

## Transportation

### **TRANSPORTATION ACTIONS**

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.

### **COMMUNITY-WIDE**

### **COMMUNITY-WIDE TRANSPORTATION - 2015 ACTIONS**

In the following section, please identify up to five community-wide Transportation actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

#### 2015 Community-Wide Transportation Actions

2015 Community-Wide Transportation Actions	Installation of water bottle filling and bike repair station on bike commuting route (KVR Trail)
2015 Community-Wide Transportation Actions	Installation of a DC fast charge car charging station in the downtown
2015 Community-Wide Transportation Actions	Installation of 2 km of new sidewalks along Pineview Avenue
2015 Community-Wide Transportation Actions	Transit Master Plan adoption
2015 Community-Wide Transportation Actions	Designation of Penticton as part of a bicycle precinct

#### **Additional Community-Wide Transportation Actions Taken in 2015**

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional community-wide Transportation actions in the boxes below **(optional)**.

*(No response)*

### **COMMUNITY-WIDE TRANSPORTATION - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five community-wide Transportation actions proposed for 2016 (one action per box).

#### 2016 Community-Wide Transportation Proposed Actions

2016 Community-Wide Transportation Proposed Actions	Widening of sidewalks and installation of bike racks on the 200 block of Main Street as part of the downtown revitalization project
2016 Community-Wide Transportation Proposed Actions	Pay parking program extended along waterfront and further through the downtown

2016 Community-Wide Transportation Proposed Actions	Investment in feasibility study of bike lane from Penticton to Summerland along Highway 97
2016 Community-Wide Transportation Proposed Actions	Carpool program launched for City owned parking lots in the downtown
2016 Community-Wide Transportation Proposed Actions	Investigation into bringing a car-share program to Penticton (Ogo Car Co-OP)

## **CORPORATE**

### **CORPORATE TRANSPORTATION - 2015 ACTIONS**

In the following section, please identify up to five corporate Transportation actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

#### 2015 Corporate Transportation Actions

2015 Corporate Transportation Actions	Promotion of Bike to Work Week and Carpool Month
2015 Corporate Transportation Actions	Wellness points program which gives incentives for taking alternatives to single occupant vehicles to work
2015 Corporate Transportation Actions	(No response)
2015 Corporate Transportation Actions	(No response)
2015 Corporate Transportation Actions	(No response)

#### **Additional Corporate Transportation Actions Taken in 2015**

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional corporate Transportation actions in the boxes below **(optional)**.

*(No response)*

### **CORPORATE TRANSPORTATION - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five corporate Transportation actions proposed for 2016 (one action per box).

#### 2016 Transportation Proposed Actions

2016 Transportation Proposed Actions	Promotion of Bike to Work Week and Carpool Month
2016 Transportation Proposed Actions	Wellness points program which gives incentives for taking alternatives to single occupant vehicles to work
2016 Transportation Proposed Actions	(No response)

2016 Transportation Proposed Actions (No response)

|

2016 Transportation Proposed Actions (No response)

|

## SNAPSHOT QUESTIONS

**Does your local government have policies, plans or programs to support:**

• Walking

• Cycling

• Transit

• Electric Vehicles

**Does your local government have a Transportation Demand Management (TDM) strategy (e.g. to reduce single-vehicle occupancy trips, increase travel options, provide incentives to encourage individuals to modify travel behavior)?**

*No*

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

*Yes*

## Water and Wastewater

### **WATER AND WASTEWATER ACTIONS**

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.

### **COMMUNITY-WIDE**

#### **COMMUNITY-WIDE WATER AND WASTEWATER - 2015 ACTIONS**

In the following section, please identify up to five community-wide Water and Wastewater actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

#### 2015 Community-Wide Water and Wastewater Actions

2015 Community-Wide Water and Wastewater Actions	Implementation of stage I water restrictions (30% reduction in water consumption) during Stage 3 and 4 droughts in the summer
2015 Community-Wide Water and Wastewater Actions	Promotion of 'Drinking Water Week' events
2015 Community-Wide Water and Wastewater Actions	Irrigation meter program investigation
2015 Community-Wide Water and Wastewater Actions	Utility review done on water and sewer utilities with the recommendation to begin setting up a storm water utility
2015 Community-Wide Water and Wastewater Actions	Public education regarding water smart practices which aimed at increasing water use efficiency and lowering consumption rates

#### **Additional Community-Wide Water and Wastewater Actions Taken in 2015**

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional community-wide Water and Wastewater actions in the boxes below (**optional**).

*(No response)*

#### **COMMUNITY-WIDE WATER AND WASTEWATER - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five community-wide Water and Wastewater actions proposed for 2016 (one action per box).

#### 2016 Community-Wide Water and Wastewater Proposed Actions

2016 Community-Wide Water and Wastewater Proposed Actions	Irrigation system metering program implementation
2016 Community-Wide Water and Wastewater Proposed Actions	Public education regarding water smart practices which will aim at increasing water use efficiency and lowering consumption rates

2016 Community-Wide Water and Wastewater Proposed Actions	Implementation of the utility rate review to incentivize water conservation
2016 Community-Wide Water and Wastewater Proposed Actions	(No response)
2016 Community-Wide Water and Wastewater Proposed Actions	(No response)

**CORPORATE**

**CORPORATE WATER AND WASTEWATER - 2015 ACTIONS**

In the following section, please identify up to five corporate Water and Wastewater actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

**2015 Corporate Water and Wastewater Actions**

2015 Corporate Water and Wastewater Actions	Continue energy improvements to Waste Water and Water Treatment plants
2015 Corporate Water and Wastewater Actions	Water line leak detection program
2015 Corporate Water and Wastewater Actions	Utility rate review to make water and sewer utilities sustainable
2015 Corporate Water and Wastewater Actions	(No response)
2015 Corporate Water and Wastewater Actions	(No response)

**Additional Corporate Water and Wastewater Actions Taken in 2015**

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional corporate Water and Wastewater actions in the boxes below **(optional)**.

*(No response)*

**CORPORATE WATER AND WASTEWATER - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five corporate Water and Wastewater actions proposed for 2016 (one action per box).

**2016 Water and Wastewater Proposed Actions**

2016 Water and Wastewater Proposed Actions	Utility rate review implementation
2016 Water and Wastewater Proposed Actions	Continue improvements to the water treatment plants
2016 Water and Wastewater Proposed Actions	(No response)
2016 Water and Wastewater Proposed Actions	(No response)
2016 Water and Wastewater Proposed Actions	(No response)

**SNAPSHOT QUESTION**

**Does your local government have water conservation policies, plans or programs?**



## Adaptation

### **CLIMATE CHANGE ADAPTATION ACTIONS**

For local governments, adaptation to a changing climate can take the form of changes in policy, management, technology and behaviour that minimize negative impacts or exploit opportunities. It can involve both “hard” and “soft” solutions, including: changes in infrastructure engineering, planning, zoning, bylaws and public education.

### **COMMUNITY-WIDE**

#### **COMMUNITY-WIDE ADAPTATION - 2015 ACTIONS**

In the following section, please identify up to five community-wide Adaptation actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

##### 2015 Community-Wide Adaptation Actions

2015 Community-Wide Adaptation Actions	Community forest project - forest management plan
2015 Community-Wide Adaptation Actions	(No response)
2015 Community-Wide Adaptation Actions	(No response)
2015 Community-Wide Adaptation Actions	(No response)
2015 Community-Wide Adaptation Actions	(No response)

#### **Additional Community-Wide Adaptation Actions Taken in 2015**

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional community-wide Adaptation actions in the boxes below **(optional)**.

*(No response)*

#### **COMMUNITY-WIDE ADAPTATION - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five community-wide Adaptation actions proposed for 2016 (one action per box).

##### 2016 Community-Wide Adaptation Proposed Actions

2016 Community-Wide Adaptation Proposed Actions	Begin an Official Community Plan review
2016 Community-Wide Adaptation Proposed Actions	Hired a Community Sustainability Co-ordinator
2016 Community-Wide Adaptation Proposed Actions	Review of "Community Climate Action Plan" implementation
2016 Community-Wide Adaptation Proposed Actions	(No response)
2016 Community-Wide Adaptation Proposed Actions	(No response)

## **CORPORATE**

## CORPORATE ADAPTATION - 2015 ACTIONS

In the following section, please identify up to five corporate Adaptation actions taken in 2015. One action per box. There is a separate box for optional additional 2015 actions your community may want to report.

### 2015 Corporate Adaptation Actions

2015 Corporate Adaptation Actions	Hired a new building and facilities manager to implement Facilities Master Plan
2015 Corporate Adaptation Actions	(No response)
2015 Corporate Adaptation Actions	(No response)
2015 Corporate Adaptation Actions	(No response)
2015 Corporate Adaptation Actions	(No response)

### Additional Corporate Adaptation Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional corporate Adaptation actions in the boxes below (**optional**).

*(No response)*

## CORPORATE ADAPTATION - ACTIONS PROPOSED FOR 2016

In the following section, please identify up to five corporate Adaptation actions proposed for 2016 (one action per box).

### 2016 Adaptation Proposed Actions

2016 Adaptation Proposed Actions	Continue on with Community Sustainability Advisory Committee work
2016 Adaptation Proposed Actions	Review of "Corporate Climate Action Plan" implementation
2016 Adaptation Proposed Actions	(No response)
2016 Adaptation Proposed Actions	(No response)
2016 Adaptation Proposed Actions	(No response)

## SNAPSHOT QUESTIONS

**Are you familiar with the Plan2Adapt guidance located on the Climate Action Toolkit Website? <http://www.toolkit.bc.ca/Resource/Plan2Adapt>**

*No*

**Are you familiar with "Preparing for Climate Change - An Implementation Guide for Local Governments in BC?" <http://www.toolkit.bc.ca/Resource/Preparing-Climate-Change-Implementation-Guide-Local-Gov>**

*No*

**Have you visited the climate change adaptation guidance page on the BC Climate Action Toolkit? <http://www.toolkit.bc.ca/adaptation-challenges-and-opportunities>**

*No*

## Other

### **OTHER CLIMATE ACTIONS**

This section provides local governments the opportunity to report other climate actions that are not captured in the categories above.

### **COMMUNITY-WIDE**

#### **COMMUNITY-WIDE OTHER - 2015 ACTIONS**

In the following section, please identify up to five community-wide Other actions taken in 2015 (one action per box).

##### 2015 Community-Wide Other Actions

2015 Community-Wide Other Actions	(No response)
2015 Community-Wide Other Actions	(No response)
2015 Community-Wide Other Actions	(No response)
2015 Community-Wide Other Actions	(No response)
2015 Community-Wide Other Actions	(No response)

#### **COMMUNITY-WIDE OTHER - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five community-wide Other actions proposed for 2016 (one action per box).

##### 2016 Community-Wide Other Proposed Actions

2016 Community-Wide Other Proposed Actions	(No response)
2016 Community-Wide Other Proposed Actions	(No response)
2016 Community-Wide Other Proposed Actions	(No response)
2016 Community-Wide Other Proposed Actions	(No response)
2016 Community-Wide Other Proposed Actions	(No response)

## **CORPORATE**

### **CORPORATE OTHER - 2015 ACTIONS**

In the following section, please identify up to five corporate Other actions taken in 2015 (one action per box).

##### 2015 Corporate Other Actions

2015 Corporate Other Actions	(No response)
2015 Corporate Other Actions	(No response)

2015 Corporate Other Actions	(No response)
2015 Corporate Other Actions	(No response)
2015 Corporate Other Actions	(No response)

## **CORPORATE OTHER - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five corporate Other actions proposed for 2016 (one action per box).

### **2016 Other Proposed Actions**

2016 Other Proposed Actions	Development of Guiding Mandate for Council and corporate decision making
2016 Other Proposed Actions	(No response)
2016 Other Proposed Actions	(No response)
2016 Other Proposed Actions	(No response)
2016 Other Proposed Actions	(No response)

## Innovation/Peer Learning

### INNOVATION AND PEER LEARNING

#### **Innovation**

This section provides the opportunity to showcase an innovative Corporate and/or Community-wide reduction or adaptation activity that your local government has undertaken and that has had a significant impact or has the potential to have a significant impact. You are welcome to repeat an action that has already been listed.

Projects included here may be featured as success stories on the B.C. Climate Action Toolkit and/or shared with other local governments to inspire further climate action. Please add links to additional information where possible.

#### Community-Wide Innovation

*Penticton Creek revitalization project: This innovative project removes concrete dykes installed in the 1950s to rehabilitate a natural habitat. This first phase, a 90m showcase project, was completed in 2015 with the master plan for the rest of the channelized creek to be designed in 2016, with works continuing in 2017*

*(<http://www.penticton.ca/EN/main/community/vibrant-penticton/our-downtown/penticton-creek.html>).*

*Implementation of a solid waste, recycling and yard waste cart program*

*(<http://www.penticton.ca/EN/main/departments/public-works/Cart.html>)*

*Continuation of the development of an interconnected cycling precinct*

*(<http://www.penticton.ca/EN/main/community/bike-penticton.html>).*

*Installation of a DC fast charge electric vehicle charging station*

*[http://www.penticton.ca/EN/meta/city-news/news-archives/2015\\_Archives/electric-vehicle-charging-station.html](http://www.penticton.ca/EN/meta/city-news/news-archives/2015_Archives/electric-vehicle-charging-station.html)).*

*Continuing the development of an Urban Forest Strategy*

#### Corporate Innovation

*LED Street Light Replacement Program: replaced all of the existing street lights in the City with high efficiency LED lights, saving money and energy (<http://www.penticton.ca/assets/City~News/Press~Releases/2015/2015-09-10%20LED%20streetlights.pdf>)*

*Utility rate review to ensure our water, sewer and electrical utilities are sustainable*

*([http://www.penticton.ca/EN/meta/city-news/news-archives/2015\\_Archives/utility-rate-review.html](http://www.penticton.ca/EN/meta/city-news/news-archives/2015_Archives/utility-rate-review.html)).*

*Irrigation system metering program*

*Completion of the dedication of lands for a community forest in-line with the requirements of the 'avoided forest conversion program'*

#### **Programs, Partnerships and Funding Opportunities**

Local governments often rely on programs, partnerships and funding opportunities to achieve their climate action goals. Please share the names of programs and organizations that have supported your local government's climate actions by listing each entry in the appropriate box below separated by a forward slash / (e.g. program1/program2/...).

#### Programs, Partnerships and Funding

*Habitat Conservation Trust Foundation, TD Friends of the Environment (Penticton Creek Rehabilitation) / BC Hydro Clean Energy Program (DC Fast Charge Electric Vehicle Implementation) / Fortis BC (LED Light Installation) / Multi Material BC (Cart Program) / CARIP Program (Urban Forest Strategy Development)*

## Emissions

### **2015 Carbon Neutral Progress Reporting**

Local governments are required to report on their progress in achieving their carbon neutral goal under the Climate Action Charter. Working with B.C. local governments, the joint Provincial-UBCM Green Communities Committee has established a common approach to determining carbon neutrality for the purposes of the Climate Action Charter, including a Carbon Neutral Framework and supporting guidance for local governments on how to become carbon neutral.

Prior to completing this survey, please ensure that you are familiar with guidance available on the B.C. Climate Action Toolkit website, especially *Becoming Carbon Neutral: A Guide for Local Governments in British Columbia*.

#### **Did you measure your local government's corporate GHG emissions in 2015?**

No

**If your local government measured 2015 corporate GHG emissions, please report the number of corporate GHG emissions from services delivered directly by your local government:**

(in tonnes of carbon dioxide equivalent)

(No response)

**If your local government measured 2015 corporate GHG emissions, please report the number of corporate GHG emissions from contracted services:**

(in tonnes of carbon dioxide equivalent)

(No response)

**Total Corporate GHG Emissions for 2015: 0.0 tCO<sub>2</sub>e**

## Reductions and Offsets

### **Reporting Reductions and Offsets**

To be carbon neutral, a local government must balance their TOTAL corporate GHG emissions by one or a combination of the following actions:

undertake Option 1 Projects (Green Communities Committee (GCC)-supported)

undertake Option 2 Projects (alternative) community GHG emissions reduction projects that meet project eligibility requirements

purchase carbon offsets from a credible offset provider

### **Reductions**

**If applicable, please report the 2015 GHG emissions reductions being claimed from Option 1 GHG Reduction Projects:**

#### **Energy Efficient Retrofits**

(in tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e))

*(No response)*

#### **Solar Thermal**

(in tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e))

*(No response)*

#### **Household Organic Waste Composting**

(in tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e))

*(No response)*

#### **Low Emission Vehicles**

(in tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e))

*(No response)*

#### **Avoided Forest Conversion**

(in tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e))

325

**2015 OPTION 1 REDUCTIONS = 325.0 tCO<sub>2</sub>e**

**If applicable, please report the names and 2015 GHG emissions reductions being claimed from Option 2 GHG Reduction Projects:**

Option 2 Project Name	GHGs Reduced (tCO <sub>2</sub> e)

**2015 OPTION 2 REDUCTIONS = 0.0 tCO<sub>2</sub>e**

**Offsets**

**If applicable, please report the number of offsets purchased from an offset provider for the 2015 reporting year.**

**Note: Please do not include funds set aside in a climate action reserve fund.**

(in tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e))

*(No response)*

If your local government purchased offsets , please identify the name of the offset provider:

*(No response)*

**2015 OFFSETS = tCO<sub>2</sub>e**

**2015 REDUCTIONS AND OFFSETS = 325.0 tCO<sub>2</sub>e**

**Corporate GHG Emissions Balance for 2015**

Your local government's Corporate GHG Emissions Balance is the difference between total corporate GHG emissions (direct + contracted emissions) and the GHG emissions reduced through GCC Option 1 and Option 2 projects and/or the purchase of offsets.

**2015 CORPORATE GHG EMISSIONS BALANCE: -325.0 tCO<sub>2</sub>e**

**If your Corporate GHG Emissions Balance is negative or zero,  
your local government is carbon neutral.**

**CONGRATULATIONS!**

## Recognition

### **Green Communities Committee (GCC) Climate Action Recognition Program**

The joint Provincial-UBCM Green Communities Committee (GCC) is pleased to be continuing the Climate Action Recognition Program again this year. This multi-level program provides the GCC with an opportunity to review and publicly recognize the progress and achievements of each Climate Action Charter (Charter) signatory.

Recognition is provided on an annual basis to local governments who demonstrate progress on their Charter commitments, according to the following:

**Level 1 - Progress on Charter Commitments:** for local governments who demonstrate progress on fulfilling one or more of their Charter commitments

**Level 2 - Measurement:** for local governments who have measured their Corporate GHG Emissions for the reporting year and demonstrate that they are familiar with the Community Energy and Emissions Inventory (CEEI)

**Level 3 - Achievement of Carbon Neutrality:** for local governments who achieve carbon neutrality in the reporting year.

**Based on your local government's 2015 Climate Action/Carbon Neutral Progress Survey, please check the GCC Climate Action Recognition Program level that best applies:**

*Level 1 - Progress on Charter Commitments*

### **Email Address**

An email confirming that the survey was successfully submitted will be sent to the address provided in the box below.

*(No response)*

### **Other Opportunities for Awards and Recognition**

In addition to the GCC's Climate Action Recognition Program, your local government may be eligible for other award and recognition programs that recognize a range of aspects related to climate action. Here is a list of some award programs, submission timelines and web links.

**Climate Energy Action (CEA) Awards** – The CEA awards are offered annually to a municipality or regional district implementing a project or program best integrating energy / climate planning into community planning and development, corporate operations and collaboration with public service organizations. **Submission:** May.  
<http://communityenergy.bc.ca/apply-now-for-2014-climate-energy-action-awards/>

**UBCM Community Excellence Awards** – The UBCM Community Excellence Awards program is an opportunity to showcase municipalities and regional districts who "lead the pack", take risks to innovate, establish new partnerships, question established ways of doing business and pioneer new customer service practices. One of the five categories recognized in 2015, "Leadership Innovation, Green Initiatives", related to climate action. **Submission:** July.  
<http://www.ubcm.ca/EN/main/convention/Awards/15021/community-excellence-awards-application.ht>



## LG Info

### LOCAL GOVERNMENT INFORMATION

LOCAL GOVERNMENT INFORMATION   Name of Local Government	Penticton, The Corporation of the City of
LOCAL GOVERNMENT INFORMATION   Name of member Regional District (RD)	Okanagan-Similkameen
LOCAL GOVERNMENT INFORMATION   Regional Growth Strategy (RGS) in your region	Yes
LOCAL GOVERNMENT INFORMATION   Population	10,000-49,999

### Submitted by:

Submitted by:   Name	Blake Laven
Submitted by:   Position	Planning Manager
Submitted by:   Telephone # (123-456-7890)	250-490-2528
Submitted by:   Email Address	blake.laven@penticton.ca

**This year we comined two online surveys with one in addition to other changes 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 new survey process compares to last year's process.

*Neutral*

**Before submitting your survey, please ensure that it is your local government's complete and final 2015 Climate Actions Survey. Please submit this survey only once.**

Is this your local government's complete and final 2015 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.**