

2015 CARIP Climate Action/Carbon Neutral Progress Survey

<http://fluidsurveys.com/surveys/irpb/2015-carip-survey/fc6c2d97605632e5d8715a88f085b785a11237a1/>

Filled Monday, May 09, 2016

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 (FluidSurveys™ 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 Supporting Word Template can be found here:

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

Variable	Response
2015 Community-Wide Broad Planning Actions	Council amended the Amenity Contribution Policy to reduce the required amenity contribution for new multi-family, mixed use, affordable housing and rental housing projects with a height of at least 4 stories in the downtown core by 35-75%, in order to incentivize growth where there is easy access to frequent transit, services, and amenities within walking distance.
2015 Community-Wide Broad Planning Actions	Council reduced required fees for development permit, rezoning and building permit applications for the same types of projects within the downtown core by 35-75%, to provide further incentive for new development in downtown Langford.
2015 Community-Wide Broad Planning Actions	
2015 Community-Wide Broad Planning Actions	
2015 Community-Wide Broad Planning Actions	

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).

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

Variable	Response
2016 Community-Wide Broad Planning Proposed Actions	n/a
2016 Community-Wide Broad Planning Proposed Actions	n/a
2016 Community-Wide Broad Planning Proposed Actions	n/a
2016 Community-Wide Broad Planning Proposed Actions	n/a
2016 Community-Wide Broad Planning Proposed Actions	n/a

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

Variable	Response
2015 Corporate Broad Planning Actions	n/a
2015 Corporate Broad Planning Actions	n/a
2015 Corporate Broad Planning Actions	n/a
2015 Corporate Broad Planning Actions	n/a
2015 Corporate Broad Planning Actions	n/a

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).

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

Variable	Response
2016 Corporate Broad Planning Proposed Actions	n/a
2016 Corporate Broad Planning Proposed Actions	n/a
2016 Corporate Broad Planning Proposed Actions	n/a
2016 Corporate Broad Planning Proposed Actions	n/a
2016 Corporate Broad Planning Proposed Actions	n/a

SNAPSHOT QUESTIONS

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

No

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?

33% reduction by 2050

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

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

Variable	Response
2015 Community-Wide Building and Lighting Actions	Installed LED streetlights as part of several capital improvement projects
2015 Community-Wide Building and Lighting Actions	Installed LED traffic lights
2015 Community-Wide Building and Lighting Actions	Installed solar powered speed alert signs
2015 Community-Wide Building and Lighting Actions	n/a
2015 Community-Wide Building and Lighting Actions	n/a

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).

n/a

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

Variable	Response
2016 Community-Wide Building and Lighting Proposed Actions	Continue to install LED streetlights as part of capital projects, in new subdivisions, and replace existing stock with LED over time
2016 Community-Wide Building and Lighting Proposed Actions	Continue to install LED traffic lights as necessary
2016 Community-Wide Building and Lighting Proposed Actions	Continue to install solar powered speed alert signs as necessary
2016 Community-Wide Building and Lighting Proposed Actions	n/a
2016 Community-Wide Building and Lighting Proposed Actions	n/a

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

Variable	Response
2015 Corporate Building and Lighting Actions	Four HVAC systems and 2 boilers were replaced in City Hall

2015 Corporate Building and Lighting Actions	LED lighting upgrades were completed at the RCMP detachment
2015 Corporate Building and Lighting Actions	LED lighting was installed in the North Langford Recreation Centre pool
2015 Corporate Building and Lighting Actions	New recycled rubber flooring was installed in the Westhills Stadium and City Centre Park Playzone
2015 Corporate Building and Lighting Actions	n/a

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).

n/a

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

Variable	Response
2016 Building and Lighting Proposed Actions	Lighting upgrades are planned for City Hall and other City facilities
2016 Building and Lighting Proposed Actions	2 additional HVAC systems at both City Hall and the RCMP detachment are planned for replacement
2016 Building and Lighting Proposed Actions	Construction of a new energy and heat efficient Rugby Canada building on City property is expected to commence in 2016
2016 Building and Lighting Proposed Actions	n/a
2016 Building and Lighting Proposed Actions	n/a

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

Variable	Response
2015 Community-Wide Energy Generation Actions	A new YMCA which incorporates a waste heat recovery district energy system was constructed throughout 2015 and will become operational in 2016
2015 Community-Wide Energy Generation Actions	n/a
2015 Community-Wide Energy Generation Actions	n/a
2015 Community-Wide Energy Generation Actions	n/a
2015 Community-Wide Energy Generation Actions	n/a

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).

n/a

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

Variable	Response
2016 Community-Wide Energy Generation Proposed Actions	The new YMCA which incorporates a waste heat recovery district energy system will become operational
2016 Community-Wide Energy Generation Proposed Actions	n/a
2016 Community-Wide Energy Generation Proposed Actions	n/a
2016 Community-Wide Energy Generation Proposed Actions	n/a
2016 Community-Wide Energy Generation Proposed Actions	n/a

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

Variable	Response
2015 Corporate Energy Generation Actions	Continued operating the waste heat recovery system at City Centre Park
2015 Corporate Energy Generation Actions	n/a
2015 Corporate Energy Generation Actions	n/a
2015 Corporate Energy Generation Actions	n/a
2015 Corporate Energy Generation	n/a

Actions |

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).

n/a

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

Variable	Response
2016 Energy Generation Proposed Actions	Continue operating the waste heat recovery system at City Centre Park
2016 Energy Generation Proposed Actions	n/a
2016 Energy Generation Proposed Actions	n/a
2016 Energy Generation Proposed Actions	n/a
2016 Energy Generation Proposed Actions	n/a

SNAPSHOT QUESTIONS

Is your local government developing or constructing...

n/a

Is your local government operating...

- A district energy system

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

Variable	Response
2015 Community-Wide Greenspace Actions	Approximately 15 Development Permits were issued to designate and protect riparian areas and other environmentally sensitive and/or greenspace areas
2015 Community-Wide Greenspace Actions	Approximately 75 new boulevard trees were planted in new subdivisions
2015 Community-Wide Greenspace Actions	A new dog park was developed in downtown Langford
2015 Community-Wide Greenspace Actions	More than 100 seedlings were given out to the public as part of an Earth Day celebration
2015 Community-	Interpretive signage was installed around a sensitive wetland within a

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).

An open house for lakefront residents was held to provide information regarding lake stewardship

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

Variable	Response
2016 Community-Wide Greenspace Proposed Actions 	Continue to protect riparian areas and environmentally sensitive areas as part of the development permit process
2016 Community-Wide Greenspace Proposed Actions 	Continue to secure greenspace and parkland in new developments, and look for other opportunities to acquire strategic greenspace
2016 Community-Wide Greenspace Proposed Actions 	Continue to require new boulevard trees to be planted in new subdivisions
2016 Community-Wide Greenspace Proposed Actions 	n/a
2016 Community-Wide Greenspace Proposed Actions 	n/a

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

Variable	Response
2015 Corporate Greenspace Actions	Parks assets were entered into asset management software to effectively and efficiently track inventory age and maintenance requirements
2015 Corporate Greenspace Actions	n/a
2015 Corporate Greenspace Actions	n/a
2015 Corporate Greenspace Actions	n/a
2015 Corporate Greenspace Actions	n/a

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).

n/a

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

Variable	Response
2016 Greenspace Proposed Actions	Continue to operate and improve the asset management system
2016 Greenspace Proposed Actions	n/a
2016 Greenspace Proposed Actions	n/a
2016 Greenspace Proposed Actions	n/a
2016 Greenspace Proposed Actions	n/a

SNAPSHOT QUESTION

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

No

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

Variable	Response
2015 Community-Wide Solid Waste Actions	n/a
2015 Community-Wide Solid Waste Actions	n/a
2015 Community-Wide Solid Waste Actions	n/a
2015 Community-Wide Solid Waste Actions	n/a
2015 Community-Wide Solid Waste Actions	n/a

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).

n/a

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

Variable	Response
2016 Community-Wide Solid Waste Proposed Actions	n/a
2016 Community-Wide Solid Waste Proposed Actions	n/a
2016 Community-Wide Solid Waste Proposed Actions	n/a
2016 Community-Wide Solid Waste Proposed Actions	n/a
2016 Community-Wide Solid Waste Proposed Actions	n/a

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

Variable	Response
2015 Corporate Solid Waste Actions	City Hall operates as a zero waste facility
2015 Corporate Solid Waste Actions	n/a
2015 Corporate Solid Waste Actions	n/a
2015 Corporate Solid Waste Actions	n/a
2015 Corporate Solid Waste Actions	n/a

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).

n/a

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

Variable	Response
2016 Solid Waste Proposed Actions	Continue operating City Hall as a zero waste facility
2016 Solid Waste Proposed Actions	n/a
2016 Solid Waste Proposed Actions	n/a
2016 Solid Waste Proposed Actions	n/a
2016 Solid Waste Proposed Actions	n/a

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?

Yes

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

Variable	Response
2015 Community-Wide Transportation Actions	3.6 km of new roads were constructed to improve the efficiency of the transportation network
2015 Community-Wide Transportation Actions	1.3 km of new bike lanes were constructed
2015 Community-Wide Transportation Actions	4.3km of new sidewalks were constructed
2015 Community-Wide Transportation Actions	Received grant to construct the remainder of the West Shore Parkway, to connect the Trans Canada Highway to Sooke Road
2015 Community-Wide Transportation Actions	Improved road pavement longevity by undertaking annual crack sealing

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).

New transit shelters were installed

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

Variable	Response
2016 Community-Wide Transportation Proposed Actions	Atkins Ave bike lane project

2016 Community-Wide Transportation Proposed Actions	McCallum Road extension will be completed, providing a critical transportation network efficiency and bike lane/sidewalk connection
2016 Community-Wide Transportation Proposed Actions	Continue construction of the West Shore Parkway
2016 Community-Wide Transportation Proposed Actions	Continue to fill gaps in bike lane/sidewalk network, and extend bike lanes/sidewalks in new developments
2016 Community-Wide Transportation Proposed Actions	Continue to improve road pavement longevity by undertaking annual crack sealing

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

Variable	Response
2015 Corporate Transportation Actions	Utilize asset management software to effectively and efficiently track inventory age and maintenance requirements
2015 Corporate Transportation Actions	Continued staff alternative transportation incentive program
2015 Corporate Transportation Actions	Participate in Bike to Work week
2015 Corporate Transportation Actions	n/a
2015 Corporate Transportation Actions	n/a

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).

n/a

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

Variable	Response
2016 Transportation Proposed Actions	Continue to utilize asset management software to effectively and efficiently track inventory age and maintenance requirements
2016 Transportation Proposed Actions	Continue staff alternative transportation incentive program
2016 Transportation Proposed Actions	Participate in Bike to Work week
2016 Transportation Proposed Actions	n/a
2016 Transportation Proposed Actions	n/a

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)?

Yes

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

No

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

Variable	Response
2015 Community-Wide Water and Wastewater Actions	n/a
2015 Community-Wide Water and Wastewater Actions	n/a
2015 Community-Wide Water and Wastewater Actions	n/a
2015 Community-Wide Water and Wastewater Actions	n/a
2015 Community-Wide Water and Wastewater Actions	n/a

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).

n/a

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

Variable	Response
2016 Community-Wide Water and Wastewater Proposed Actions	n/a
2016 Community-Wide Water and Wastewater Proposed Actions	n/a
2016 Community-Wide Water and Wastewater Proposed Actions	n/a
2016 Community-Wide Water and Wastewater Proposed Actions	n/a
2016 Community-Wide Water and Wastewater Proposed Actions	n/a

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

Variable	Response
2015 Corporate Water and Wastewater Actions	Continued utilizing alternate sources of water for irrigation where possible
2015 Corporate Water and Wastewater Actions	n/a
2015 Corporate Water and Wastewater Actions	n/a
2015 Corporate Water and Wastewater Actions	n/a
2015 Corporate Water and Wastewater Actions	n/a

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).

n/a

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

Variable	Response
2016 Water and Wastewater Proposed Actions	Continue utilizing alternate sources of water for irrigation where possible
2016 Water and Wastewater Proposed Actions	n/a
2016 Water and Wastewater Proposed Actions	n/a
2016 Water and Wastewater Proposed Actions	n/a
2016 Water and Wastewater Proposed Actions	n/a

SNAPSHOT QUESTION

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

Yes

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

Variable	Response
2015 Community-Wide Adaptation Actions	Several stormwater management upgrades were completed, including the construction of a new detention pond and replacement of several culverts
2015 Community-Wide Adaptation Actions	n/a
2015 Community-Wide Adaptation Actions	n/a
2015 Community-Wide Adaptation Actions	n/a
2015 Community-Wide Adaptation Actions	n/a

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).

n/a

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

Variable	Response
2016 Community-Wide Adaptation Proposed Actions	n/a
2016 Community-Wide Adaptation Proposed Actions	n/a

2016 Community-Wide Adaptation Proposed Actions |
 2016 Community-Wide Adaptation Proposed Actions |
 2016 Community-Wide Adaptation Proposed Actions |

n/a
n/a
n/a

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

Variable	Response
2015 Corporate Adaptation Actions	n/a
2015 Corporate Adaptation Actions	n/a
2015 Corporate Adaptation Actions	n/a
2015 Corporate Adaptation Actions	n/a
2015 Corporate Adaptation Actions	n/a

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).

n/a

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

Variable	Response
2016 Adaptation Proposed Actions	n/a
2016 Adaptation Proposed Actions	n/a

2016 Adaptation Proposed Actions |
2016 Adaptation Proposed Actions |
2016 Adaptation Proposed Actions |

n/a
n/a
n/a

SNAPSHOT QUESTIONS

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

Yes

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-Governments-British-Columbia>

Yes

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

Yes

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

Variable	Response
2015 Community-Wide Other Actions	n/a
2015 Community-Wide Other Actions	n/a
2015 Community-Wide Other Actions	n/a
2015 Community-Wide Other Actions	n/a
2015 Community-Wide Other Actions	n/a

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

Variable	Response
2016 Community-Wide Other Proposed Actions	n/a
2016 Community-Wide Other Proposed Actions	n/a
2016 Community-Wide Other Proposed Actions	n/a
2016 Community-Wide Other Proposed Actions	n/a
2016 Community-Wide Other Proposed Actions	n/a

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

Variable	Response
2015 Corporate Other Actions	n/a
2015 Corporate Other Actions	n/a
2015 Corporate Other Actions	n/a

2015 Corporate Other Actions	n/a
2015 Corporate Other Actions	n/a

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

Variable	Response
2016 Other Proposed Actions	n/a
2016 Other Proposed Actions	n/a
2016 Other Proposed Actions	n/a
2016 Other Proposed Actions	n/a
2016 Other Proposed Actions	n/a

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

n/a

Corporate Innovation

n/a

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

n/a

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?

Yes

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)

286.3

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)

943.5

Total Corporate GHG Emissions for 2015: 1229.8 tCO₂e

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 2014 GHG emissions reductions being claimed from Option 1 GHG Reduction Projects:

Energy Efficient Retrofits

(in tonnes of carbon dioxide equivalent (tCO₂e))

n/a

Solar Thermal

(in tonnes of carbon dioxide equivalent (tCO₂e))

n/a

Household Organic Waste Composting

(in tonnes of carbon dioxide equivalent (tCO₂e))

282.8

Low Emission Vehicles

(in tonnes of carbon dioxide equivalent (tCO₂e))

n/a

Avoided Forest Conversion

(in tonnes of carbon dioxide equivalent (tCO₂e))

n/a

2015 OPTION 1 REDUCTIONS = 282.8 tCO₂e

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 ₂ e)
n/a	n/a
n/a	n/a
n/a	n/a

2015 OPTION 2 REDUCTIONS = 0.0 tCO₂e

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 (tCO₂e))

n/a

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

n/a

2015 OFFSETS = tCO₂e

2015 REDUCTIONS AND OFFSETS = 282.8 tCO₂e

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: 947.0 tCO₂e

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 2 - Measurement

Email Address

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

lstohmann@cityoflangford.ca

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.html>

LG Info

LOCAL GOVERNMENT INFORMATION

Variable	Response
LOCAL GOVERNMENT INFORMATION Name of Local Government	Langford, City of
LOCAL GOVERNMENT INFORMATION Name of member Regional District (RD)	Capital
LOCAL GOVERNMENT INFORMATION Regional Growth Strategy (RGS) in your region	Yes
LOCAL GOVERNMENT INFORMATION Population	10,000-49,999