

2015 CARIP Climate Action/Carbon Neutral Progress Survey

<http://fluidsurveys.com/surveys/irpb/2015-carip-survey/eb18be644c395eb7897fc22862368b2d5f46f294/>

Filled Monday, June 06, 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 	Integrated Community Sustainability Plan (ICSP) adopted July 2014 and Community Energy and Emissions Plan (CEEP) was adopted in 2012. These are ongoing.
2015 Community-Wide Broad Planning Actions 	OCP GHG Reduction Targets and Development Permit Areas established for Greenhouse Gas Reduction and Energy Conservation. These are ongoing.
2015 Community-Wide Broad Planning Actions 	Ongoing issuance of GHG Reduction and Energy Conservation Development Permits.
2015 Community-Wide Broad Planning Actions 	Transportation for Tomorrow Plan adopted and funding strategy approved. This plan seeks to improve road renewal and includes provisions for active transportation upgrades within the community
2015 Community-Wide Broad Planning Actions 	The District uses money put into reserves (from hydroelectric plant) for projects that reduce GHG's.

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

Variable	Response
2016 Community-Wide Broad Planning Proposed Actions	Continued implementation of ICSP. Continued implementation of CEEP
2016 Community-Wide Broad Planning Proposed Actions	Continued progress towards meeting OCP targets and continued issuance of Development Permits.
2016 Community-Wide Broad Planning Proposed Actions	Continued issuance of GHG Reduction and Energy Conservation Development Permits
2016 Community-Wide Broad Planning Proposed Actions	Continued implementation of "Transportation for Tomorrow".
2016 Community-Wide Broad Planning Proposed Actions	Continued funding will be used from the Climate Action Reserve Fund where required and appropriate. Opportunities for grant funding will be pursued where found to exist for any particular project.

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	Completed Carbon Neutral Action Plan (CNAP) in 2011. The plan is updated annually and sets out the parameters for measuring GHG's and subsequent amount of be put into reserves for offsets.
2015 Corporate Broad Planning Actions	Development Permit for GHG Reduction and Energy Conservation and Environmental Protection.
2015 Corporate	The District uses money put into reserves (from hydroelectric plant) for

Broad Planning Actions	projects that reduce GHG's.
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

Variable	Response
2016 Corporate Broad Planning Proposed Actions	Continued compliance to the Carbon Neutral Action Plan as adopted in 2011 and updated annually.
2016 Corporate Broad Planning Proposed Actions	Continued issuance of DP's for GHG Reduction and Energy Conservation, as well as, Environmental protection.
2016 Corporate Broad Planning Proposed Actions	Continued funding will be used from this fund where required and appropriate.
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?

33% reduction below 2007 levels by 2020 and 80% by 2050.

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

Yes

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

- Energy and Emissions Plan
- Integrated Community Sustainability 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	Continue to focus density within Growth Areas outlined within the OCP. Continuation of Green Building Rebates to incentivize energy efficient development. Focus on Main Street development nodes.
2015 Community-Wide Building and Lighting Actions	OCP through Development Permits (Natural Environment, as well as, GHG Reduction and Energy Conservation).
2015 Community-Wide Building and Lighting Actions	Pamphlets provided with Development Permit and Building Permit applications regarding utility EDM programs.
2015 Community-Wide Building and Lighting Actions	Multiple staff responsible for spheres of influence i.e. planner's DP's, Infrastructure Services - waste water etc.
2015 Community-Wide Building and Lighting Actions	The District seeks grant opportunities for projects where they may be available.

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

Variable	Response
2016 Community-Wide Building and Lighting Proposed Actions	Continued growth management through the OCP.
2016 Community-Wide Building and Lighting Proposed Actions	Continued issuance of DP's
2016 Community-Wide Building and Lighting Proposed Actions	Continued support for utility EDM programs.
2016 Community-Wide Building and Lighting Proposed Actions	Continued staff teamwork towards goals.
2016 Community-Wide Building and Lighting Proposed Actions	The District will continue to seek grant funding opportunities on a case by case basis.

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	Research and analyze options for energy efficient design for replacement and where appropriate.
2015 Corporate Building and Lighting Actions	Policies involve ensuring energy efficiency is considered on all renewal and new construction projects.
2015 Corporate Building and Lighting Actions	(No response)
2015 Corporate Building and Lighting Actions	(No response)
2015 Corporate Building and Lighting Actions	(No response)

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

Variable	Response
2016 Building and Lighting Proposed Actions	Continued research and analysis for green options for corporate building upgrades where applicable.
2016 Building and Lighting Proposed Actions	Continue to ensure energy efficiency considered on all renewal and new construction projects.
2016 Building and Lighting Proposed Actions	(No response)
2016 Building and Lighting Proposed Actions	(No response)
2016 Building and Lighting Proposed Actions	(No response)

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	Continued operation of municipal hydroelectric generation facility.
2015 Community-Wide Energy Generation Actions	Continued communication regarding the project and the community benefits.
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

Variable	Response
2016 Community-Wide Energy Generation Proposed Actions	Continued maintenance of existing hydroelectric generation plant.
2016 Community-Wide Energy Generation	Continued communication regarding the project and

Proposed Actions	the community benefits.
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

Variable	Response
2015 Corporate Energy Generation Actions	Continued maintenance of existing hydroelectric generation plant.
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

Variable	Response
2016 Energy Generation Proposed Actions	Continued maintenance of existing hydroelectric generation plant.
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...

- A renewable 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>

No

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 	Continued maintenance of existing parks. Continued tree planting. Communities in Bloom
2015 Community-Wide Greenspace Actions 	Continued work in securing Pelmewash Parkway as greenspace and active transportation corridor. Proposal to acquire 17km's of linear rail corridor for future recreation/transportation corridor
2015 Community-Wide Greenspace Actions 	5% parkland dedication as part of subdivisions (legislated). Parks and Recreation Master Plan to be conducted in 2015
2015 Community-Wide Greenspace Actions 	Continued adherence to landscape guidelines for DP's. *Continue tree replacement program.*Continue planting drought tolerant plants as part of park development.
2015 Community-Wide Greenspace Actions 	(No response)

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).

(No response)

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	Continued maintenance of existing parks. Continued tree planting. Communities in Bloom
2016 Community-Wide Greenspace Proposed Actions	Continued work in securing Pelmewash Parkway as greenspace and active transportation corridor.
2016 Community-Wide Greenspace Proposed Actions	Okanagan Rail Trail acquired and plans to use as multi-modal transportation underway.
2016 Community-Wide Greenspace Proposed Actions	5% parkland dedication as part of subdivisions (legislated). Parks and Recreation Master Plan contract awarded to be completed.
2016 Community-Wide Greenspace Proposed Actions	Continued adherence to landscape guidelines for DP's. *Continue tree replacement program.*Continue planting drought tolerant plants as part of park development.

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	Continued maintenance of existing parks. Continued tree planting. Communities in Bloom
2015 Corporate Greenspace Actions	Continued discussion with province regarding acquisition of Pelmewash Parkway as an active transportation corridor and greenspace.
2015 Corporate Greenspace	Okanagan Rail Trail acquired and plans to use as multi-modal

Actions	transportation and greenspace underway.
2015 Corporate Greenspace Actions	5% parkland dedication as part of subdivisions (legislated). Parks and Recreation Master Plan contract awarded to be completed.
2015 Corporate Greenspace Actions	Continued adherence to landscape guidelines for DP's. *Continue tree replacement program.*Continue planting drought tolerant plants as part of park development.

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

Variable	Response
2016 Greenspace Proposed Actions	Continued maintenance of existing parks. Continued tree planting. Communities in Bloom
2016 Greenspace Proposed Actions	Continued discussion with province regarding acquisition of Pelmewash Parkway as an active transportation corridor and greenspace.
2016 Greenspace Proposed Actions	Okanagan Rail Trail acquired and plans to use as multi-modal transportation and greenspace underway.
2016 Greenspace Proposed Actions	5% parkland dedication as part of subdivisions (legislated). Parks and Recreation Master Plan contract awarded to be completed.
2016 Greenspace Proposed Actions	Continued adherence to landscape guidelines for DP's. *Continue tree replacement program.*Continue planting drought tolerant plants as part of park development.

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	Solid Waste in partnership with the Regional District of the Central Okanagan.
2015 Community-Wide Solid Waste Actions	(No response)
2015 Community-Wide Solid Waste Actions	(No response)
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

Variable	Response
2016 Community-Wide Solid Waste Proposed Actions	Solid Waste in partnership with the Regional District of the Central Okanagan.
2016 Community-Wide Solid Waste Proposed Actions	(No response)
2016 Community-Wide Solid Waste Proposed Actions	(No response)
2016 Community-Wide Solid Waste Proposed Actions	(No response)
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

Variable	Response
2015 Corporate Solid Waste Actions	Solid Waste in partnership with the Regional District of the Central Okanagan.
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

Variable	Response
2016 Solid Waste Proposed Actions	Solid Waste in partnership with the Regional District of the Central Okanagan.
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

Variable	Response
2015 Community-Wide Transportation Actions	Completion and funding strategy for Transportation for Tomorrow - for road renewal and active transportation networks.
2015 Community-Wide Transportation Actions	Anti-idling policy
2015 Community-Wide Transportation Actions	(No response)
2015 Community-Wide Transportation Actions	(No response)
2015 Community-Wide Transportation Actions	(No response)

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

Variable	Response
2016 Community-Wide Transportation Proposed Actions	Continued work towards Transportation for Tomorrow Plan - road renewal and construction of active transportation networks.
2016 Community-Wide Transportation Proposed Actions	Anti-idling policy
2016 Community-Wide Transportation Proposed Actions	(No response)
2016 Community-Wide Transportation Proposed Actions	(No response)
2016 Community-Wide Transportation Proposed Actions	(No response)

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	Continued fleet replacement as per E3 fleet Management Program.
2015 Corporate Transportation Actions	Continued work towards Transportation for Tomorrow Plan - road renewal and construction of active transportation networks.
2015 Corporate Transportation Actions	Anti-idling policy
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

Variable	Response
2016 Transportation Proposed Actions	Continued fleet replacement as per E3 fleet Management Program.
2016 Transportation Proposed Actions	Continued work towards Transportation for Tomorrow Plan - road renewal and construction of active transportation networks.
2016 Transportation Proposed Actions	Anti-idling policy
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

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)?

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

Variable	Response
2015 Community-Wide Water and Wastewater Actions	New Waste Water Treatment Plan completed includes:- Switch in fuel source from propane to natural gas-Heat reclamation system from sewage used to heat buildings.-Construction of more efficient operations building. Currently using trailers.-Use of high efficiency technology for infrastructure to treat sewage (i.e. high efficiency bioreactors).
2015 Community-Wide Water and Wastewater Actions	Continued liquid waste management plan.
2015 Community-Wide Water and Wastewater Actions	Continued installation of water meters.
2015 Community-Wide Water and Wastewater Actions	Water master Plan (WMP) adopted 2013.
2015 Community-Wide Water and	Watering restrictions enforced.

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

Variable	Response
2016 Community-Wide Water and Wastewater Proposed Actions	New Waste Water Treatment Plan completed includes:- Switch in fuel source from propane to natural gas-Heat reclamation system from sewage used to heat buildings.-Construction of more efficient operations building. Currently using trailers.-Use of high efficiency technology for infrastructure to treat sewage (i.e. high efficiency bioreactors).
2016 Community-Wide Water and Wastewater Proposed Actions	Continued liquid waste management plan.
2016 Community-Wide Water and Wastewater Proposed Actions	Continued installation of water meters.
2016 Community-Wide Water and Wastewater Proposed Actions	Water master Plan (WMP) adopted 2013.
2016 Community-Wide Water and Wastewater Proposed Actions	Watering restrictions enforced.

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 	New Waste Water Treatment Plan completed includes:- Switch in fuel source from propane to natural gas-Heat reclamation system from sewage used to heat buildings.-Construction of more efficient operations building. Currently using trailers.-Use of high efficiency technology for infrastructure to treat sewage (i.e. high efficiency bioreactors).
2015 Corporate Water and Wastewater Actions 	Continued liquid waste management plan.
2015 Corporate Water and Wastewater Actions 	Continued installation of water meters
2015 Corporate Water and Wastewater Actions 	Water master Plan (WMP) adopted 2013.
2015 Corporate Water and Wastewater Actions 	Watering restrictions enforced.

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

Variable	Response
2016 Water and Wastewater Proposed Actions	New Waste Water Treatment Plan completed includes:- Switch in fuel source from propane to natural gas-Heat reclamation system from sewage used to heat buildings.-Construction of more efficient operations building. Currently using trailers.-Use of high efficiency technology for infrastructure to treat sewage (i.e. high efficiency bioreactors).
2016 Water and Wastewater Proposed Actions	Continued liquid waste management plan.
2016 Water and Wastewater Proposed Actions	Continued installation of water meters
2016 Water and Wastewater Proposed Actions	Water master Plan (WMP) adopted 2013.
2016 Water and Wastewater Proposed Actions	Watering restrictions enforced.

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	Continued work towards climate action and sustainability. Adaptation is inherent in a number of policies and frameworks supported in various categories.
2015 Community-Wide Adaptation Actions	Xeriscaping - long term water savings.
2015 Community-Wide Adaptation Actions	Watering restrictions and water metering - looking to reduce overall water usage.
2015 Community-Wide Adaptation Actions	Support Energy Demand Management Programs of Utilities.
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

Variable	Response
2016 Community-Wide Adaptation Proposed Actions	Continued work towards climate action and sustainability. Adaptation is inherent in a number of policies and frameworks supported in various categories.

2016 Community-Wide Adaptation Proposed Actions	Xeriscaping - long term water savings.
2016 Community-Wide Adaptation Proposed Actions	Watering restrictions and water metering - looking to reduce overall water usage.
2016 Community-Wide Adaptation Proposed Actions	Support Energy Demand Management Programs of Utilities.
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

Variable	Response
2015 Corporate Adaptation Actions	Continued work towards climate action and sustainability. Adaptation is inherent in a number of policies and frameworks supported in various categories.
2015 Corporate Adaptation Actions	Xeriscaping - long term water savings.
2015 Corporate Adaptation Actions	Watering restrictions and water metering - looking to reduce overall water usage.
2015 Corporate Adaptation Actions	Support Energy Demand Management Programs of Utilities.
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

Variable	Response
2016 Adaptation Proposed Actions	Continued work towards climate action and sustainability. Adaptation is inherent in a number of policies and frameworks supported in various categories.
2016 Adaptation Proposed Actions	Xeriscaping - long term water savings.
2016 Adaptation Proposed Actions	Watering restrictions and water metering - looking to reduce overall water usage.
2016 Adaptation Proposed Actions	Support Energy Demand Management Programs of Utilities.
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>

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	(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

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

2016 Community-Wide Other Proposed Actions |
 2016 Community-Wide Other Proposed Actions |
 2016 Community-Wide Other Proposed Actions |

(No response)
(No response)
(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

Variable	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)
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

Variable	Response
2016 Other Proposed Actions	(No response)
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

*The hydroelectric plant produces green renewable energy with 0 carbon footprint and allows the District to put money made from generation into Climate Action Reserve Account.

(No response)

*State of the art solid waste plant recently constructed and now in operation.

Corporate Innovation

*Continued work towards collaboration and making sustainable energy and water systems a priority when considering projects.

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

E3 fleet program

Community Energy Association

Fraser Basin Council.

There may be others as accessed by Directors for specific projects.

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)

532

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)

1825

Total Corporate GHG Emissions for 2015: 2357.0 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 2015 GHG emissions reductions being claimed from Option 1 GHG Reduction Projects:

Energy Efficient Retrofits

(in tonnes of carbon dioxide equivalent (tCO₂e))

(No response)

Solar Thermal

(in tonnes of carbon dioxide equivalent (tCO₂e))

(No response)

Household Organic Waste Composting

(in tonnes of carbon dioxide equivalent (tCO₂e))

(No response)

Low Emission Vehicles

(in tonnes of carbon dioxide equivalent (tCO₂e))

(No response)

Avoided Forest Conversion

(in tonnes of carbon dioxide equivalent (tCO₂e))

(No response)

2015 OPTION 1 REDUCTIONS = 0.0 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 (tCO2e)
(No response)	(No response)
(No response)	(No response)
(No response)	(No response)

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))

(No response)

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

(No response)

2015 OFFSETS = tCO₂e

2015 REDUCTIONS AND OFFSETS = 0.0 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: 2357.0 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.

pdupuis@lakecountry.bc.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	Lake Country, District of
LOCAL GOVERNMENT INFORMATION Name of member Regional District (RD)	Central Okanagan
LOCAL GOVERNMENT INFORMATION Regional Growth Strategy (RGS) in your region	Yes
LOCAL GOVERNMENT INFORMATION Population	10,000-49,999

Submitted by:

Variable	Response
Submitted by: Name	Paul Dupuis
Submitted by: Position	Planner
Submitted by: Telephone # (123-456-7890)	250-766-6674
Submitted by: Email Address	pdupuis@lakecountry.bc.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.

Somewhat improved

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.