

2015 CARIP Climate Action/Carbon Neutral Progress Survey

<http://fluidsurveys.com/surveys/irpb/2015-carip-survey/2366e41b8a79358faf3c13338c0d11dc6302f7ef/>

Filled Thursday, June 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	Area D Ainsworth Official Community Plan Completed and established GHG reduction.
2015 Community-Wide Broad Planning Actions	Regional Park Management Plans completed and adopted for 3 parks (Waterloo Eddy, Pass Creek, Crescent Valley)
2015 Community-Wide Broad Planning Actions	Recreation Master Plans for Area H, New Denver, Silverton, Slocan - completed and adopted
2015 Community-Wide Broad Planning Actions	Recreation Master Plan for Area I, J and Castlegar – completed and adopted
2015 Community-Wide Broad Planning Actions	Area G Official Community Plan underway and will establish GHG reductions targets

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	Area G Official Community Plan underway and expanded to include new communities and will establish GHG reductions targets
2016 Community-Wide Broad Planning Proposed Actions	Area I Official Community Plan underway and will establish GHG reductions targets
2016 Community-Wide Broad Planning Proposed Actions	(No response)
2016 Community-Wide Broad Planning Proposed Actions	(No response)
2016 Community-Wide Broad Planning Proposed Actions	(No response)

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	RDCK Board continuing to "Work Towards Carbon Neutrality"
2015 Corporate Broad Planning Actions	Commuter Challenge competition
2015 Corporate Broad Planning Actions	(No response)
2015 Corporate Broad Planning Actions	(No response)
2015 Corporate Broad Planning Actions	(No response)

Additional Corporate Actions Taken in 2015

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

(No response)

CORPORATE BROAD PLANNING - ACTIONS PROPOSED FOR 2016

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

2016 Corporate Broad Planning Proposed Actions

Variable	Response
2016 Corporate Broad Planning Proposed Actions	Strategic Community Energy and Emissions Plan – Draft under review; adoption pending
2016 Corporate Broad Planning Proposed Actions	Electric Vehicle Charging Station project – Partnership with FCM, FortisBC, CBT, BC Hydro
2016 Corporate Broad Planning Proposed Actions	Community Energy Strategy – Partner with Nelson Hydro, BC Hydro and FortisBC –discussions underway
2016 Corporate Broad Planning Proposed Actions	Free Transit Day in RDCK on Earth Day
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?

Will work collaboratively with our partners and community members to reduce the combined greenhouse gas emissions of the rural areas by 15% from baseline levels (2007) by 2020 and by 25% from baseline levels (2007) by 2030.

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?

- Integrated Community Sustainability Plan
- OCP
- Other, please specify...: Strategic Community Energy and Emissions Plan - Pending adoption

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 	Energy Upgrade at Procter Schoolhouse Facility

2015 Community-Wide Building and Lighting Actions 	Burton Academy School Energy Upgrade
2015 Community-Wide Building and Lighting Actions 	25th Avenue Affordable Family Housing
2015 Community-Wide Building and Lighting Actions 	Completion of fire hall expansion "siding"
2015 Community-Wide Building and Lighting Actions 	Slocan Curling Club Energy Efficiency Upgrade

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).

Creston Valley Community Housing Society - 25th Avenue Affordable Family Housing

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	Castlegar Legion Energy Upgrade
2016 Community-Wide Building and Lighting Proposed Actions	(No response)
2016 Community-Wide Building and Lighting Proposed Actions	(No response)
2016 Community-Wide Building and Lighting Proposed Actions	(No response)
2016 Community-Wide Building and Lighting Proposed Actions	(No response)

CORPORATE

CORPORATE BUILDING AND LIGHTING - 2015 ACTIONS

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

2015 Corporate Building and Lighting Actions

Variable	Response
2015 Corporate Building and Lighting Actions	Initiate Upgrades to Nelson & District Community Complex – Swimming Pool upgrades
2015 Corporate Building and Lighting Actions	Northshore Hall Building upgrades (Windows/insulation/furnaces/hot water tank/lighting)
2015 Corporate Building and Lighting Actions	Installation of a sub-meter to measure energy use of the Civic Centre refrigeration plant at the completion of the 2015/2016 ice season
2015 Corporate Building and Lighting Actions	Castlegar & District Community Complex - Replaced Boiler System and Direct Digital Controls
2015 Corporate Building and Lighting Actions	Creston & District Community Complex – Replaced East Arena Wall with Insulated Panels

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	Switched lighting in Nelson RDCK offices to dimmer - completed
2016 Building and Lighting Proposed Actions	Northshore Hall Building Upgrades - Ongoing
2016 Building and Lighting Proposed Actions	Nelson & District Community Complex – Swimming Pool Upgrades - Ongoing
2016 Building and Lighting Proposed Actions	Nelson & District Community Complex Heat Recovery System – Air Handling Unit
2016 Building and Lighting Proposed Actions	Castlegar & District Community Complex - Air Handling Unit

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

Additional Community-Wide Energy Generation Actions Taken in 2015

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

(No response)

COMMUNITY-WIDE ENERGY GENERATION - ACTIONS PROPOSED FOR 2016

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

2016 Community-Wide Energy Generation Proposed Actions

Variable	Response
2016 Community-Wide Energy Generation Proposed Actions	(No response)
2016 Community-Wide Energy Generation Proposed Actions	(No response)
2016 Community-Wide Energy Generation Proposed Actions	(No response)
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	(No response)
2015 Corporate Energy Generation Actions	(No response)
2015 Corporate Energy Generation Actions	(No response)
2015 Corporate Energy Generation Actions	(No response)
2015 Corporate Energy Generation Actions	(No response)

Additional Corporate Energy Generation Actions Taken in 2015

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

(No response)

CORPORATE ENERGY GENERATION - ACTIONS PROPOSED FOR 2016

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

2016 Energy Generation Proposed Actions

Variable	Response
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)
2016 Energy Generation Proposed Actions	(No response)

SNAPSHOT QUESTIONS

Is your local government developing or constructing...

- None of the above

Is your local government operating...

- None of the above

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

Yes

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	Development Permits are required for Environmentally Sensitive and Watercourse areas. The guidelines are specific to Riparian Areas Regulations.
2015 Community-Wide Greenspace Actions	New service – Kootenay Lake Local Conservation (KLLC) Fund (Area A, D, E)
2015 Community-Wide Greenspace Actions	Strategic Wildfire Prevention Initiative (Arrow Creek, Kingsgate, Edgewood, Balfour, Area E, F) ongoing
2015 Community-Wide Greenspace Actions	(No response)
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	South Slokan Community Greenway Project
2016 Community-Wide Greenspace	FireSmart in Regional Parks - to protect adjacent private lands

Proposed Actions	
2016 Community-Wide Greenspace Proposed Actions	Strategic Wildfire Prevention Initiative (Arrow Creek, Kingsgate, Edgewood, Balfour, Area E, F) ongoing
2016 Community-Wide Greenspace Proposed Actions	Strategic Wildfire Prevention Initiative (Area D/Kaslo)
2016 Community-Wide Greenspace Proposed Actions	Strategic Wildfire Prevention Initiative (Area I)

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	Remediation of former Nelson Transfer Station - Brownfield
2015 Corporate Greenspace Actions	Remediation of Central Landfill commenced capping
2015 Corporate Greenspace Actions	Waterloo Eddy Regional Park – Conservation Area
2015 Corporate Greenspace Actions	Pass Creek Regional Park – Protection of Riparian Areas on Norns Creek
2015 Corporate Greenspace Actions	Crescent Valley Beach Regional Park – Protection of Screech Owl Habitat

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).

Regional Parks – Terrestrial and Invasive Species Signage - ongoing

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	Remediation of Central Landfill commenced capping - completed
2016 Greenspace Proposed Actions	Blewett Morning Mountain Fuel Mitigation - completed
2016 Greenspace Proposed Actions	Human Bear Conflict, Bear Proof Waste Containers in Regional Parks
2016 Greenspace Proposed Actions	Rosebud Lake – Bull Frog Monitoring Program
2016 Greenspace Proposed Actions	Rosebury Park lands – Knapweed control program (by goats)

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	West Kootenay Eco Society - Active Waste Reduction

Waste Actions	Educator Project
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	(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)
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	Creston Landfill Flare Report to verify GHG reduction
2015 Corporate Solid Waste Actions	Implementation of Efficient Waste Transfer System for Kaslo and Balfour Transfer Station
2015 Corporate Solid Waste Actions	Installation of Waste Compactor at Crawford Bay Transfer Station
2015 Corporate Solid Waste Actions	Installation of Permanent Landfill Cap at Central Landfill
2015 Corporate Solid Waste Actions	Proposed Waste Educator Program

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).

Household Hazardous Waste Roundup Events

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	Waste Reduction Educator Program Implemented
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?

Yes

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	Transportation Action Plan for West Kootenay Seniors
2015 Community-Wide Transportation Actions	South Kootenay Lake Community Service Society (Trans Canada Trail)
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	Castlegar Bike Park Recreation Infrastructure Project
2016 Community-Wide Transportation Proposed Actions	(No response)
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	Transportation parking at Crescent Valley Beach Regional

	Park
2015 Corporate Transportation Actions	Commuter Challenge
2015 Corporate Transportation Actions	(No response)
2015 Corporate Transportation Actions	(No response)
2015 Corporate Transportation Actions	(No response)

Additional Corporate Transportation Actions Taken in 2015

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

(No response)

CORPORATE TRANSPORTATION - ACTIONS PROPOSED FOR 2016

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

2016 Transportation Proposed Actions

Variable	Response
2016 Transportation Proposed Actions	Bike BC for the "South Slokan Community Greenway Project"
2016 Transportation Proposed Actions	Town of Creston electric Car Charging Station (Creston, Area B, Area C Economic Development Service)
2016 Transportation Proposed Actions	Commuter Challenge
2016 Transportation Proposed Actions	Purchase of Hybrid Vehicle for Fleet Use
2016 Transportation Proposed Actions	(No response)

SNAPSHOT QUESTIONS

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

- | |
|---------------------|
| • Walking |
| • Cycling |
| • Transit |
| • Electric Vehicles |

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

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	Mallandaine Water Users Community funding

Wastewater Actions	contribution for upgrades
2015 Community-Wide Water and Wastewater Actions	(No response)
2015 Community-Wide Water and Wastewater Actions	(No response)
2015 Community-Wide Water and Wastewater Actions	(No response)
2015 Community-Wide Water and Wastewater Actions	(No response)

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	Woodbury Water System Disinfection Upgrades
2016 Community-Wide Water and Wastewater Proposed Actions	Arrow Creek & Erickson Water Systems Upgrade (Phase 4 South Arrow Main Line & Erickson Reservoir)
2016 Community-Wide Water and Wastewater Proposed Actions	(No response)
2016 Community-Wide Water and Wastewater Proposed Actions	(No response)
2016 Community-Wide Water and Wastewater Proposed Actions	(No response)

CORPORATE

CORPORATE WATER AND WASTEWATER - 2015 ACTIONS

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

2015 Corporate Water and Wastewater Actions

Variable	Response
2015 Corporate Water and Wastewater Actions	Proposed Water Ambassador (CBT Water Smart) Program for Reducing Water Consumption
2015 Corporate Water and Wastewater Actions	Water Conservation Schedules – Bylaw Clarification and Efficiency Improvements Proposed
2015 Corporate Water and Wastewater Actions	Upgrades to Arrow Water Treatment Plant
2015 Corporate Water and Wastewater Actions	(No response)
2015 Corporate Water and Wastewater Actions	(No response)

Additional Corporate Water and Wastewater Actions Taken in 2015

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

(No response)

CORPORATE WATER AND WASTEWATER - ACTIONS PROPOSED FOR 2016

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

2016 Water and Wastewater Proposed Actions

Variable	Response
2016 Water and Wastewater Proposed Actions	Water Ambassador Program for Reducing Water Consumption Implemented
2016 Water and Wastewater	Agricultural Land Use Inventory and Water Demand Model for

Proposed Actions	RDCK with Ministry of Agriculture
2016 Water and Wastewater Proposed Actions	Proposed Liquid Waste Management Plan
2016 Water and Wastewater Proposed Actions	Water Conservation Schedules - Bylaw Clarification and Efficiency Improvements Approved
2016 Water and Wastewater Proposed Actions	(No response)

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	Kootenay Lake Cultural and Archaeological and Ecological Dataset Development for Shoreline Management Guidelines
2015 Community-Wide Adaptation Actions	(No response)

2015 Community-
Wide Adaptation Actions |

(No response)

2015 Community-
Wide Adaptation Actions |

(No response)

2015 Community-
Wide Adaptation Actions |

(No response)

Additional Community-Wide Adaptation Actions Taken in 2015

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

(No response)

COMMUNITY-WIDE ADAPTATION - ACTIONS PROPOSED FOR 2016

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

2016 Community-Wide Adaptation Proposed Actions

Variable	Response
2016 Community- Wide Adaptation Proposed Actions	Kootenay Lake Shoreline Management Guidelines completion
2016 Community- Wide Adaptation Proposed Actions	Situation Awareness Dashboard - GIS based to improve communication external and internal during emergency events - Initiation
2016 Community- Wide Adaptation Proposed Actions	(No response)
2016 Community- Wide Adaptation Proposed Actions	(No response)
2016 Community- Wide Adaptation Proposed Actions	(No response)

CORPORATE

CORPORATE ADAPTATION - 2015 ACTIONS

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

2015 Corporate Adaptation Actions

Variable	Response
2015 Corporate Adaptation Actions	Creston Landfill Flare ongoing
2015 Corporate Adaptation Actions	Geohazard Database updated and maintained
2015 Corporate Adaptation Actions	(No response)
2015 Corporate Adaptation Actions	(No response)
2015 Corporate Adaptation Actions	(No response)

Additional Corporate Adaptation Actions Taken in 2015

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

(No response)

CORPORATE ADAPTATION - ACTIONS PROPOSED FOR 2016

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

2016 Adaptation Proposed Actions

Variable	Response
2016 Adaptation Proposed Actions	Creston Landfill Flare ongoing
2016 Adaptation Proposed Actions	Geohazard and Flood Risk Assessment – Natural Disaster Mitigation Fund Application to undertake a risk assessment
2016 Adaptation Proposed Actions	Strategic Community Energy and Emissions Plan – pending adoption
2016 Adaptation Proposed Actions	Regional Energy Efficiency Program - Proposed
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	Agriculture Liaison Strategy (extension services) proposed
2015 Community-Wide Other Actions	Community Food Action Initiative grant funding allocation
2015 Community-Wide Other Actions	Creston Valley Food Action Coalition Society - Harvest Share

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	Agriculture Liaison Strategy (extension services) pending decision
2016 Community-Wide Other Proposed Actions	Fields Forward Program - Agriculture in Creston Valley
2016 Community-Wide Other Proposed Actions	(No response)
2016 Community-Wide Other Proposed Actions	(No response)
2016 Community-Wide Other Proposed Actions	(No response)

CORPORATE

CORPORATE OTHER - 2015 ACTIONS

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

2015 Corporate Other Actions

Variable	Response
2015 Corporate Other Actions	Approval to seek funding to create Regional Food Policy Council – purpose to improve local food systems and enhance agriculture industry
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	Regional Food Policy Council funding approved and currently being developed to address local food systems issues through policy development and support to enhance agriculture industry
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

Strategic Community Energy & Emissions Plan is currently in draft. Once approved by the Board will enable further collaboration in region including Regional Energy Efficiency Program

Corporate Innovation

Strategic Community Energy & Emissions Plan is currently in draft. Once approved by the Board the plan will enable development of corporate policies and actions.

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

Columbia Basin Trust

Transport Canada

Community Works (Federal Gas Tax)

FortisBC

BC Hydro

UBCM - Local Government Program Services

New Building Canada Fund - Small Communities Fund

2015 Strategic Priorities Fund (SPF)

Investment Agriculture Assoc. of BC

Vancouver Foundation

Interior Health Authority

Ministry of Forests Lands Natural Resources

Real Estate Foundation of BC

Western Economic Diversification Canada

(No response)

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)

2325

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)

622

Total Corporate GHG Emissions for 2015: 2947.0 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 (tCO ₂ e)
Creston Landfill Gas Flare	1525

(No response)	(No response)
(No response)	(No response)

2015 OPTION 2 REDUCTIONS = 1525.0 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 = 1525.0 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: 1422.0 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.

ssudan@rdck.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	Regional District of Central Kootenay
LOCAL GOVERNMENT INFORMATION Name of member Regional District (RD)	Central Kootenay
LOCAL GOVERNMENT INFORMATION Regional Growth Strategy (RGS) in your region	No
LOCAL GOVERNMENT INFORMATION Population	50,000-99,999

Submitted by:

Variable	Response
Submitted by: Name	Sangita Sudan
Submitted by: Position	General Manager of Development Services
Submitted by: Telephone # (123-456-7890)	250-352-8157
Submitted by: Email Address	ssudan@rdck.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.

Much 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.