

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

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<http://fluidsurveys.com/surveys/irpb/carip/a8b0041c2783b7cebf2de33d48fc28e3244d9f37/>

Welcome and Instructions

WELCOME and INSTRUCTIONS

Welcome to the new online format of the Climate Actions Survey!

Reporting Process and Key Deadlines

We have made some exciting improvements to the CARIP public reporting process this year by moving to a new online survey format. The online survey format is intended to streamline and enhance the annual CARIP reporting process.

As outlined in the *CARIP Program Guide for 2014 Claims*, B.C. local governments must complete and submit to the Province two online surveys – the *Climate Actions Survey* and the *Carbon Neutral Progress Survey* – and make the reports generated from those surveys public by the following dates:

Climate Actions Survey – **March 8, 2015**

Carbon Neutral Progress Survey – **June 2, 2015**

These two online surveys replace the CARIP Public Reporting Template used in previous years. The surveys provide the same opportunity for local governments to describe actions, undertaken in 2014 and planned for 2015, to reduce GHG emissions and create more complete, compact and energy efficient communities. A CARIP public report attestation form, signed by the Financial Officer, must also be completed for each survey and submitted to the Province. For more information on the grant program requirements, please see the *CARIP Program Guide for 2014 Claims* at: <http://www.cscd.gov.bc.ca/lgd/greencommunities/carip.htm>

Key Differences in the New Online Climate Actions Survey

This Climate Actions Survey replaces the Corporate Actions and Community-Wide Actions worksheets in the previous CARIP Public Reporting Template. Although the information you will be reporting is very much the same, the survey is organized differently. Key differences are:

Sectors (e.g. ‘Broad Planning’, ‘Transportation’ etc.) now have their own sector tabs (listed at the top of each page of the survey).

Corporate and community-wide actions are reported under each sector tab and no longer reported separately. The ‘Greenspace’ sector only has a community-wide actions section, as corporate actions are not reported in ‘Greenspace’.

Corporate and community-wide actions are reported according to seven new categories of actions, and no longer reported according to the categories ‘supportive’ and ‘direct’. The seven action categories are:

- Physical Improvements, Construction
- Feasibility Studies, Research, Analysis
- Plans, Policies, Regulations
- Policy Implementation
- Community Education, Engagement (community-wide only)
- Employee Training, Awareness (corporate only)
- Committees, Staffing

Funding

Note: These action categories were developed based on an extensive review of the types of actions reported by local governments in previous CARIP reports. The new categories are intended to improve the organization of information and streamline the reporting process.

For convenience, the 'Action Examples' tab includes a selection of previously-reported CARIP actions that have been categorized according to the *new action* categories. The examples are intended to help local governments understand where their climate actions best fit in the new survey format.

Each sector tab includes one to three simple 'yes/no' type questions. The purpose of the questions is to highlight local government progress on key action items, and to draw attention to relevant tools, guides and other supports available to support local government climate action.

Instructions for Completing the Survey

After reading these instructions, it is recommended that you click through the survey tabs to familiarize yourself with the survey layout and the information needed to be gathered to complete the survey.

You can navigate through the survey using the 'next' and 'back' buttons at the bottom of each survey page or by clicking on the sector tabs at the top of each survey page (please do not use the browser's back and forward buttons or your information may not be saved).

The 'save and continue later' button at the bottom of each page allows you to save the survey and complete it later.

There is also a 'Local Government Information' tab. This tab is the last page of the survey and must be completed in full prior to submitting the survey.

Use the 'submit' button located on the 'Local Government Information' tab to submit your survey. Please be sure that it is your local government's *complete and final* 2014 survey, and *submit the survey once only*.

After submitting your survey, please ensure that you download a copy of the report from the 'Thank You' page and make that report public by the date identified in the *CARIP Program Guide for 2014 Claims* (<http://www.cscd.gov.bc.ca/lgd/greencommunities/carip.htm>).

You will note that the report generated includes the instructions provided to you in this survey, as a result, you may want to remove these instructions prior to making your report public.

FAQ's

How can I save and complete my survey later?

Click on the 'save and continue later' button that is located at the bottom of each page. You will be prompted to provide your email address so that the link to access your saved survey can be emailed to you, and/or you can bookmark or copy the link provided.

How can I send the survey to others to work on?

Follow the instructions above for 'save and continue later', and then forward the link to others to work on. Please Note: You may want to save a Word copy of the report for yourself, prior to forwarding the link.

Can multiple people work on the survey at one time?

No, only one person can work on the survey at any one time, or you will risk some of your responses not being processed.

Do I have to fill in all the boxes on each of the sector tabs?

Due to the diversity of B.C. local governments, it is recognized that the type and number of actions will vary between communities and also may vary from year to year for individual communities, and as a result, you are not required to fill in all the boxes on each of the sector tabs.

How do I know if an action belongs under Corporate or Community-wide Actions?

If the action is undertaken to reduce energy consumption and GHG emissions in the community at-large, then it is a community-wide action.

If the action is undertaken to reduce energy consumption and GHG emissions in local government corporate operations, then it is a corporate action.

The Government of BC will not collect, use, or disclose personal information using SurveyMonkey. Please be aware however that IP addresses are collected by SurveyMonkey itself, and these IP addresses and other information collected will be stored on SurveyMonkey's servers located outside of Canada. This survey is voluntary and a response is encouraged, not required. Please do not provide any third-party information (i.e. talk about others) in your responses to the survey.

Action Examples

ACTION EXAMPLES

This section includes a selection of previously-reported CARIP actions that have been categorized according to the new action categories. The examples are provided as a reference and are intended to help local governments understand where their climate actions best fit in the new survey format. For lists of all the corporate and community-wide actions reported under the CARIP in previous years, see: <http://www.cscd.gov.bc.ca/lgd/greencommunities/carip.htm>

CORPORATE– Examples previously reported by local governments in CARIP

Physical Improvements, Construction

Building insulation

Solar lighting (signage and trails)

Electric vehicles, bikes

Receptacles for recycling in civic spaces and facilities

Water efficient fixtures in public buildings

Rain gardens at public facilities

Feasibility Studies, Research, Analysis

Corporate energy GHG emissions audit

Lighting assessment

District energy feasibility study

GPS monitoring of fleet for fuel efficiency

Waste audit

Monitor flow/rainwater retention from corporate green roof/living wall

Plans, Policies, Regulations

Corporate energy and emissions plan

Building energy management plan

Plans for rooftop solar thermal system installation in civic facilities

Right-sizing vehicle policy

Corporate zero-waste policy

Green operations plan including for water use in major city operations

Policy Implementation

Eco-friendly procurement

Energy Star compliance

Participate in biofuel boiler district energy system for public pool

Regular maintenance schedule for fuel efficiency (e.g. tire pressure check)

Reused recycled materials in corporate operations (e.g. asphalt, wood chips)

Rainwater harvesting and water reuse in municipal/RD facilities (e.g. vehicle cleaning)

Environmental performance parameters in waste hauling contract

Employee Training, Awareness

Dollars to Sense training (NRCAN)

RETScreen training

Staff working sessions on district energy

Driving for fuel efficiency training

Green events - equipment for 4-stream collection bins available to borrow

Water Smart ambassador

Committees, Staffing

Corporate Energy Manager

Manager of Environmental Building Construction Services

Corporate Climate and Energy Committee

Corporate Zero-Waste Coordinator

Funding

Gas Tax funding

BC Transit's ProPass

COMMUNITY-WIDE – Examples previously reported by local governments in CARIP

Physical Improvements, Construction

Energy efficient senior's and social housing

Small-scale wind turbine demonstration project

Park expansion

Sidewalk improvements

On-street recycling facilities

Storm/rainwater retention (e.g. permeable paving, bioswales)

Feasibility Studies, Research, Analysis

Residential densification study

Community Energy and Emissions Modeling (CEEM)

District energy feasibility assessment

Tree inventory

Feasibility study for installation of electric vehicle charging infrastructure

Waste composition study

Water metering assessment; source to tap assessment

Plans, Policies, Regulations

Climate action plan

Passive solar siting policy

Solar Hot Water Ready Regulation

Master parks and open space plan

Policy for bike facilities in all new developments

Landfill gas management plan

Permeability policy and regulation, e.g. for parking lots

Policy Implementation

Smart growth/green building checklist

Fast-tracked high performance buildings

Enforced solar ready requirements

Grow-a-Tree Program

Improved transit service (e.g. increased hours)

Increased residential waste collection service

Watering restrictions and enforcement

Community Education, Engagement

Energy symposium

Building energy labelling

Hosted training session/tour of solar hot water installations

Nature programming

Bike/Walk to Work/School Week

Community garage sale events

Drinking Water Week; Rainwater Harvesting Best Practices Guide

Committees, Staffing

Community Energy Manager

Community Energy Committee

Worked with Regional District to identify future green energy generation projects

Communities in Bloom Committee

Hired a Transportation Demand Management Coordinator

Hired specialized position for waste reduction

Water Resource Action Committee

Funding

Green Municipal Fund

Green Building Rebates

Incentives for homeowners who install solar hot water heating

TD Green Streets Grant

Class Rides Free Program (transit)

Funding to elementary school program focused on zero waste

Washing machine rebates (BC Hydro partner)

Broad Planning

BROAD PLANNING

Broad Planning refers to the high level, strategic planning that sets the stage for GHG reductions. Land use planning that focuses on Smart Growth principles (compact, complete, connected and centred) plays an especially important role in energy and GHG reduction. Plans that relate to a certain sector should be included in that sector, e.g. transportation plans in the 'Transportation' sector.

In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

	Yes	No	Please specify or comment
Since initially establishing OCP targets, policies, and actions for the reduction of greenhouse gas (GHG) emissions, as required by the Local Government Act, has your local government updated those targets, policies and actions?	False	True	
Does your local government use the Community Energy and Emissions Inventory (CEEI) to measure progress?			Yes
Has your local government established Development Permit Areas (DPAs) for climate action (i.e. energy conservation, water conservation and/or GHG emission reduction)?			No

CORPORATE - Broad Planning

	Actions taken in 2014	Actions proposed for 2015
Feasibility Studies, Research, Analysis	City Hall renovations completed, Facilities Master Plan completed,	Continue to review zoning bylaw for climate adaptation, Joint partnership with Fortis BC to review energy efficiency of two City facilities,
Plans, Policies, Regulations	New policies with regard to turning lights off in City buildings	Urban tree inventory and management plan Begin analysis for 2016 OCP review
Policy Implementation	Electrical conversion, Purchasing policy, Implementation of Facilities Master Plan	Continue electrical conversion
Employee Training, Awareness	Smart tool training	Continue smart tool training
Committees, Staffing	Climate Action Committee	Community Sustainability Committee (new Committee name)
Funding	Capital and operational budget, provincial and federal grants	Capital and operational budget, provincial and federal grants

COMMUNITY-WIDE - Broad Planning

Actions taken in 2014	Actions proposed for 2015
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Feasibility Studies, Research, Analysis	Park investment, Downtown revitalization efforts, Community composter for energy	Park planning for downtown, Community composter for energy, Begin analysis for 2016 OCP review
Plans, Policies, Regulations	Participated in BC Transit: Transit Area Master Plan	Urban tree inventory, Community Forest Management Plan (AFCP) Review OCP DP guidelines, Begin analysis for 2016 OCP review
Policy Implementation	Revisions on zoning bylaw to reduce parking requirements, smaller lot sizes and secondary suites (smart growth principles), Economic Investment Zones for downtown development. Revised OCP to include revised bike map	New zones to accommodate more urban styles of development, Tree planting program, Revising DCC Bylaw to incentivize 'low energy development', LED exchange program (changing all street lights to LED), Zoning for urban agriculture Review OCP DP guidelines,
Community Education, Engagement	Energy Loan Program, Bike to Work Week participation, Earth Day participation, Car Pool Month promotion, Drinking Water Week, Earth Day participation, Water conservation awareness, Community Garden support	BC Building Code training (new energy code requirements), Energy retro-fit Loan Program (to help people to energy retrofit) Bike to Work Week participation, Car Pool Month promotion, Drinking Water Week, Earth Day participation, Water conservation awareness, Community Garden support
Committees, Staffing	Climate Action Advisory Committee	Community Sustainability Committee (new Committee name), UBC Student
Funding	Green Municipal Fund, TD Tree Planting Grant, Capital and operational budgets, provincial and federal grants	Green Municipal Fund, TD Tree Planting Grant, Capital and operational budgets, provincial and federal grants

Buildings

BUILDINGS

Low-carbon buildings use the minimum amount of energy needed to provide comfort and safety for their inhabitants, and tap into renewable energy sources for heating, cooling and power. These buildings can save money, especially viewed over the long term.

In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Does your local government have green building/construction policies, plans or programs?	Yes
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CORPORATE - Buildings

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	City Hall renovations, New high speed blower for AWWTP, New electrical ice-edger for arena, Energy efficient motor for Community Centre air handling unit, Solar block blinds and showers installed at City Hall, Dyson hand dryers (energy efficient) in several locations, New flooring in various buildings made of recyclable material	Energy upgrades for Advanced Waste Water Treatment Plant (AWWTP) including: new uv lights, sludge pump upgrades, bio-reactor upgrade, new computer servers etc., New Animal Control facility being constructed to environmentally efficient standards (passive solar), Water Treatment Plant upgrades, including: new computer systems, gas detectors, valve replacement etc.
Feasibility Studies, Research, Analysis	Facilities Master Plan competed	More in-depth look at specific buildings (City Hall and Community Centre), Civic Buildings Replacement Strategy
Plans, Policies, Regulations	Facilities Master Plan completed, Purchasing policy drafted	Purchasing policy complete, Update Storm Water Master Plan, DCC Bylaw review, Subdivision and Development Bylaw review, Irrigation Plan review, Stormwater Master Plan review
Policy Implementation	Ongoing implementation of Corporate Climate Action Plan recommendations, Ongoing electrical conversion project, City Hall renovations	Continue with implementation of Corporate Climate Action Plan recommendations, Ongoing electrical conversion project
Employee Training, Awareness	Bike to Work Week participation, Car Pool week participation, Earth Hour participation,	Continue with Bike to Work Week participation, Car Pool week participation, Earth Hour participation,
Committees, Staffing	Climate Action Advisory Committee participation	Community Sustainability Committee (new Committee name) participation, Hire HVAC person, New Cross Connection Coordinator, New Water Smart Ambassador
Funding	Capital and Operational funding, CARIP funds, Gas Tax funds, federal and provincial funding as available	Capital and Operational funding, CARIP funds, Gas Tax funds, federal and provincial funding as available

COMMUNITY-WIDE - Buildings

Actions taken in 2014	Actions proposed for 2015
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Physical Improvements, Construction	N/A	Enforcing new BC Building Code energy requirements
Feasibility Studies, Research, Analysis	Reviewed zoning bylaw to allow for secondary suites in duplexes	Reviewing DCC Reduction Bylaw to incentivize energy efficiency
Plans, Policies, Regulations	DCC Reduction Program for energy efficient construction, Energy Loan Program	DCC Reduction Program for energy efficient construction, Energy Loan Program, Review Parks Master Plan,
Policy Implementation	EIZ Program (smart growth), DCC Reduction program, Energy Retro fit program	Continue promoting EIZ program (downtown development), Promoting new zoning bylaw changes (suites in duplexes, greater density) BC Building Code enforcement for new code requirements
Community Education, Engagement	Building Code workshop for code changes, EIZ program pamphlets created, Energy retro fit programs created	Participated in home show (new code changes explained), Energy retro fit promotion, EIZ program promotion, DCC Reduction bylaw promotion
Committees, Staffing	Climate Action Committee participation, Continued staff training on code requirements,	Community Sustainability Committee (new Committee name) participation, Continue staff training
Funding	Operational budget (building and electrical departments)	Operation budget (building and electrical departments)

Energy Generation

ENERGY GENERATION

A transition to renewable or low-emission energy sources for heating, cooling and power supports large, long-term GHG emissions reductions. Renewable energy including waste heat recovery (e.g. from biogas and biomass), geo-exchange, micro hydroelectric, solar thermal and solar photovoltaic, heat pumps, tidal, wave, and wind energy can be implemented at different scales, e.g. in individual homes, or integrated across neighbourhoods through district energy or co-generation systems.

In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Has your local government undertaken district energy projects in 2014?	No
Has your local government undertaken renewable energy projects 2014?	No
Are you aware of the integrated resource recovery (IRR) guidance page on the BC Climate Action Toolkit? (http://www.toolkit.bc.ca/tool/integrated-resource-recovery-irr)	Yes

CORPORATE - Energy Generation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Conversion project (making the electrical system more efficient). Installation of high speed turbo blower at the AWWTP, Replaced some street lights to LED lights, City Hall renovation	Continue conversion program, LED street light conversion project, Upgrade electrical infrastructure at City Hall,
Feasibility Studies, Research, Analysis	Facilities Master Plan completed, UBC project looking at city buildings	Composter at landfill to generate electricity (feasibility study), Electrical Master Plan (looking at energy generation opportunities as well as system wide energy efficiency improvements), Civic building analysis
Plans, Policies, Regulations	N/A	N/A
Policy Implementation	City Hall renovations, LED light exchange program	Facilities Master Plan implementation, LED light exchange program
Employee Training, Awareness	Lights-out at City buildings (new policy)	On-going staff awareness of energy efficiency
Committees, Staffing	Climate Action Advisory Committee participation	Climate Action Advisory Committee participation, Ongoing cooperation with Regional district on energy generation from waste
Funding	Capital Budget (electrical)	Capital Budget (electrical, Operations)

COMMUNITY-WIDE - Energy Generation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Energy retro fit loan program, Promoting BC Building Code changes (for energy efficiency), DCC Reduction Bylaw for energy efficient construction	Continuing Energy retro fit loan program, Enforcing new building code changes, DCC Reduction Bylaw for energy efficient construction

Feasibility Studies, Research, Analysis	N/A	Looking at composting facility for energy generation (anaerobic digester)
Plans, Policies, Regulations	N/A	N/A
Policy Implementation	Implementing Community Climate Action Plan	Continue to implement Community Climate Action Plan
Community Education, Engagement	Promoting City and partner initiatives for energy efficiency, Promoting retro fit loan program and BC Building Code changes	Continue to promote City and partner initiatives for energy efficiency, Promoting retro fit loan program and BC Building Code changes
Committees, Staffing	Climate Action Committee participation	Community Sustainability Advisory Committee participation
Funding	Capital and Operational budgets, provincial and grant funding	Capital and Operational budgets, provincial and grant funding

Greenspace

GREENSPACE

Greenspace refers to parks and greenways, boulevards, community forests, urban agriculture, riparian areas, gardens, recreation/school sites, and other green spaces, such as remediated brownfield/contaminated sites. Greenspaces support climate change mitigation (reducing emissions by absorbing and sequestering GHG) and adaptation (providing shade, cooling, deflecting strong wind, and improving air quality).

In the appropriate boxes below, please record all community-wide actions taken in 2014 and proposed for 2015 (Note: the 'Greenspace' sector only has a community-wide actions section). Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Does your local government have urban forest policies, plans or programs?	Yes
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COMMUNITY-WIDE - Greenspace

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	New parks created (Natural activity park at Skaha Lake, outdoor fitness area), Waterfront walkway extension, Planted 190 trees and 550 shrubs on City property, Expanded community garden	Sendero Canyon kids playground, Peach Plaza, Improvements to community forest, New BMX track, Construct 4 new pickleball courts
Feasibility Studies, Research, Analysis	North and South Park design workshops	Urban Forest Inventory, Downtown Park Plan, Review Parks Master Plan, Urban tree plan
Plans, Policies, Regulations	Boulevard Maintenance Bylaw, SS Sicamous Park Plan	Urban agriculture, Adopt SS Sicamous plan, Skaha Lake Marina expansion
Policy Implementation	Rezoned 300 acres from development lands to park (Avoided Forest Conversion Project)	Rezone property for BMX track and municipal campground, Tree planting program, Urban forest plan
Community Education, Engagement	Promoting recreation and parks usage and new parks	Continue to promote recreation and recreation and parks planning initiatives
Committees, Staffing	Recreational Coordinator, Parks and Rec Advisory Committee participation	Recreational coordinator, Community Sustainability Committee
Funding	TD Friends of the environment (tree planting outreach program), Capital Budget, Small Community Fund - Canada Building Grant, provincial and federal government grants, gas tax	TD Friends of the environment, Capital Budget, Small Community Fund - Canada Building Grant, provincial and federal government grants, gas tax

Solid Waste

SOLID WASTE

Reducing, reusing, recycling, recovering and managing the disposal of the residual solid waste minimizes environmental impacts and supports sustainable environmental management, greenhouse gas reductions, and improved air and water quality.

In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

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?	No

CORPORATE - Solid Waste

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	N/A	N/A
Feasibility Studies, Research, Analysis	Reviewed contract with collection company	N/A
Plans, Policies, Regulations	Internal recycling program participation	continue Internal recycling program participation
Policy Implementation	N/A	N/A
Employee Training, Awareness	Promote recycling and waste reduction strategies in City buildings	Continue to promote recycling and waste reduction strategies in City buildings
Committees, Staffing	Waste collection is a regional role, City staff sit on an ad-hoc advisory committee	Continue to participate in regional initiatives
Funding	N/A	N/A

COMMUNITY-WIDE - Solid Waste

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	N/A	N/A
Feasibility Studies, Research, Analysis	N/A	Looking at 'composter' for household organic waste collection in conjunction with Regional District
Plans, Policies, Regulations	Enforcement of Work Safe Hazardous Waste requirements	N/A
Policy Implementation	Yard waste collection program	Continue to operate yard waste collection program
Community Education, Engagement	Promoting recycling and reduction. Promote yard waste program	Continue to promote recycling and reduction. Promote yard waste program
Committees, Staffing	Climate Action Advisory Committee participation	Community Sustainability Advisory Committee participation

Funding	Public Works Operational Budget (waste collection), provincial and federal grants	Public Works Operational Budget (waste collection), provincial and federal grants
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Transportation

TRANSPORTATION

Transportation actions that increase transportation system efficiency, emphasize the movement of people and goods, and give priority to more efficient modes, e.g. walking, cycling, ridesharing, and public transit, can contribute to reductions in greenhouse gas emissions and more livable communities.

In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Does your local government have policies, plans or programs to support alternative modes and technologies of transportation (e.g. walking, cycling, transit, electric vehicles)	Yes
Does your local government have a transportation demand management (TDM) strategy? (http://www.toolkit.bc.ca/resource/transportation-demand-management-small-and-mid-sized-communities-toolkit)	No
Does your local government have policies, plans or programs to support local food production (thus reducing transportation emissions)?	Yes

CORPORATE - Transportation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Installed showers in City Hall to encourage bike commuting and lunchtime fitness activities	N/A
Feasibility Studies, Research, Analysis		Wellness committee survey on staff travel habits
Plans, Policies, Regulations	Bike to Work Week participation	Bike to Work Week participation
Policy Implementation	Wellness points program for biking or walking to work	Wellness points program for biking or walking to work
Employee Training, Awareness	Promoting wellness activities in the workplace	Continue to promote wellness activities in the workplace
Committees, Staffing	Wellness Committee	Wellness Committee
Funding	Operational and Capital budget	Operational budget

COMMUNITY-WIDE - Transportation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Sidewalk installation Traffic calming around 3 elementary schools to encourage walking to school, New bike lanes installed, Public walkway extension along waterfront, New pay parking lots downtown, Installation of bicycle racks downtown	Electric car charging station installation, Continuation of waterfront walkway, sidewalk installation and extension of bike infrastructure Continue installation of pay parking and installation of bicycle racks downtown, Installing signage for bicycle precinct
Feasibility Studies, Research, Analysis	Review of OCP bike plan, Participated in the BC Transit: Regional Transit Plan	Bicycle Precinct Development (integrated plan)

Plans, Policies, Regulations	Capital works design works for sidewalks, trails and walkways	Capital works design work for sidewalks
Policy Implementation	Implementation of Bike Plan recommendations, Implementation of Downtown Plan initiatives, Road widening program for bike corridors	Continue the implementation of the bike and downtown plans, Continuation of road widening, Supporting the Transit Plan recommendations
Community Education, Engagement	Promoting safe trips to school, Promoting Car Pool Month and Bike to Work Week, Promoting bike plan initiatives	Promote the creation of a bicycle precinct, Continue the promotion of safe trips to school, Promoting Car Pool Month and Bike to Work Week, Promoting bike plan initiatives
Committees, Staffing	Transportation Advisory Committee participation	Transportation Advisory Committee and Tourism and Economic Development Task Force participation
Funding	Capital and Operational budget, federal and provincial funding	Capital and Operational budget, federal and provincial funding

Water and Wastewater

WATER and WASTEWATER

Managing and reducing water consumption and wastewater is an important aspect of developing a sustainable built environment that supports healthy communities, protects ecological integrity, and reduces greenhouse gas emissions.

In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Does your local government have water conservation policies, plans or programs?	Yes
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CORPORATE - Water and Wastewater

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Improvements to Waste Water and Water Treatment Plants to improve environmental efficiency and performance	Continue improvements to Waste Water and Water Treatment Plants to improve environmental efficiency and performance, including installing 10 new VFDs for energy savings
Feasibility Studies, Research, Analysis	N/A	N/A
Plans, Policies, Regulations	N/A	N/A
Policy Implementation	Continuing to implement the capital plans for the water and wastewater treatment plants	Continuing to implement the capital plans for the water and wastewater treatment plants
Employee Training, Awareness	N/A	N/A
Committees, Staffing	N/A	N/A
Funding	Capital budget, federal and provincial grants	Capital budget, federal and provincial grants

COMMUNITY-WIDE - Water and Wastewater

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Converted 2 City parks to effluent irrigation Pipe replacements as needed to ensure efficient and safe system,	Converting 3 schools from potable water irrigation to effluent Pipe replacements as needed to ensure efficient and safe system,
Feasibility Studies, Research, Analysis	Continue to implement plant management plants	Continue to implement plant management plants
Plans, Policies, Regulations	N/A	N/A
Policy Implementation	N/A	N/A

Community Education, Engagement	Water conservation promotion	Water conservation promotion
Committees, Staffing	N/A	N/A
Funding	Capital budget, federal and provincial grants	Capital budget, federal and provincial grants

Other Climate Actions

OTHER CLIMATE ACTIONS

This section is intended to give local governments a chance to record other climate actions that could not be captured in the above sectors, including climate change adaptation actions and air quality actions.

In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Has your local government begun to integrate the impacts of a changing climate (adaptation) into its planning and operations?	Yes
Are you aware of the climate change adaptation guidance page on the BC Climate Action Toolkit? (http://www.toolkit.bc.ca/adaptation-challenges-and-opportunities)	Yes

CORPORATE - Other Climate Action

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	N/A	N/A
Feasibility Studies, Research, Analysis		Innovative stormwater management plan (for climate change adaptation)
Plans, Policies, Regulations	N/A	N/A
Policy Implementation	Participation in the Avoided Forest Conversion Project (Community Forest Project)	Continued participation in the Avoided Forest Conversion Project (Community Forest Project)
Employee Training, Awareness	N/A	N/A
Committees, Staffing	N/A	Working with the Community Sustainability Advisory Committee on innovative climate adaptation ideas
Funding	CARIP funds and other funding as comes available	CARIP funds and other funding as comes available

COMMUNITY-WIDE - Other Climate Action

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	N/A	N/A
Feasibility Studies, Research, Analysis	N/A	Looking at feasibility of an OCP review in 2016
Plans, Policies, Regulations	N/A	N/A
Policy Implementation	N/A	N/A
Community Education, Engagement	N/A	N/A
Committees, Staffing	N/A	N/A

Funding

As available

As available

Innovation

INNOVATION

This section is intended to give your local government an opportunity to describe any energy and GHG emission reduction activities that have been undertaken over the past year(s) that your local government is particularly proud of and would like to share with other local governments.

CORPORATE - Innovation

Please describe any innovative corporate actions taken in 2014 and add links to additional information where possible.

Penticton participated in the Avoided Forest Conversion Project (AFCP) which saw 300 acres of land, 1/3 of which was dedicated for residential development, protected as parkland. A forest management plan for the park is being done in Q1 of 2015 and the carbon sequestered can be used against our corporate carbon emissions for the next twenty years starting in 2015.

Penticton is working with Fortis BC and UBC to investigate innovative energy modeling for two City buildings. This work began in 2014 and will continue through 2016.

COMMUNITY-WIDE - Innovation

Please describe any innovative community-wide actions taken in 2014 and add links to additional information where possible.

Penticton is developing a bicycle precinct within the City and region connecting commuting and recreational cycling networks with the goal of being one of best cycling destination in the world.

Penticton has undergone a urban forest inventory to determine what the city's urban tree canopy is and to set goals for future investment. This work began in 2014 and will carry through 2015.

Penticton Creek revitalization project is investigating the removal of concrete dykes and restoring riparian habitat along the creek channel.

Having an irrigation water system, domestic (potable) water system and access to treated effluent, has given the City the ability to use water very efficiently. We are continuing to balance the different water streams in the more effective ways possible. For example, we will be converting 3 schools from domestic water irrigation to effluent irrigation, saving hundreds of thousands of liters of potable water a year.

Local Government Information

LOCAL GOVERNMENT INFORMATION

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

Submitted by:

Submitted by: Name	Audrey Tanguay
Submitted by: Position	Senior Planner
Submitted by: Email	audrey.tanguay@penticton.ca
Submitted by: Telephone # (ten digit)	250-490-2572

This year we replaced the CARIP Public Reporting Template with two online surveys 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 Climate Actions Survey and the new survey process compares to the previous year's process.

Somewhat improved

Before submitting your survey, please ensure that it is your local government's complete and final 2014 Climate Actions Survey. Please submit this survey only once.

Is this your local government's complete and final 2014 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.