

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

<http://fluidsurveys.com/surveys/irpb/carip/820b318de9416d6d9bbbff4d2caa780f3991166c/>

Filled Monday, February 23, 2015

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 ImplementationSmart growth/green building checklistFast-tracked high performance buildings Enforced solar ready requirementsGrow-a-Tree Program Improved transit service (e.g. increased hours) Increased residential waste collection serviceWatering restrictions and enforcement Community Education, EngagementEnergy symposiumBuilding energy labellingHosted training session/tour of solar hot water installations Nature programming Bike/Walk to Work/School WeekCommunity garage sale eventsDrinking Water Week; Rainwater Harvesting Best Practices Guide Committees, StaffingCommunity Energy ManagerCommunity Energy Committee Worked with Regional District to identify future green energy generation projectsCommunities in Bloom Committee Hired a Transportation Demand Management Coordinator Hired specialized position for waste reductionWater Resource Action Committee FundingGreen Municipal FundGreen 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 wasteWashing 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	OCP review in 2015

Variable	Response
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Does your local government use the Community Energy and Emissions Inventory (CEEI) to measure progress?	No
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	(No response)	OCP review and update Asset Management Inventory Restructure research and analysis
Plans, Policies, Regulations	Completed Community Strategic Plan 2015-2019	Corporate Business Plan Asset Management Plan Economic Development Planning
Policy Implementation	(No response)	(No response)
Employee Training, Awareness	(No response)	(No response)
Committees, Staffing	(No response)	Workforce Planning
Funding	Gas Tax Funding	Gas Tax Funding

COMMUNITY-WIDE - Broad Planning

	Actions taken in 2014	Actions proposed for 2015
Feasibility Studies, Research, Analysis	(No response)	(No response)
Plans, Policies, Regulations	Community Strategic Planning 2015-2019	OCP
Policy Implementation	(No response)	(No response)
Community Education, Engagement	Engagement for Strategic Plan Landfill Survey on our website Recycling Centre - What is changing on our website	Engagement for OCP Recycling Initiatives in newspaper, and our website
Committees, Staffing	(No response)	Solid Waste Advisory Committee Solid Waste Technical Advisory Committee
Funding	Gas Tax Funding	Gas Tax Funding BC Waste Oil Recycling funding

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.

Variable	Response
Does your local government have green building/construction policies, plans or programs?	No

CORPORATE - Buildings

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	(No response)	(No response)
Feasibility Studies, Research, Analysis	(No response)	(No response)
Plans, Policies, Regulations	(No response)	(No response)
Policy Implementation	(No response)	(No response)
Employee Training, Awareness	Office composting	Office composting
Committees, Staffing	(No response)	(No response)
Funding	(No response)	(No response)

COMMUNITY-WIDE - Buildings

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Looked at possible solar heating options at the swimming pool Utilized a programmable thermostat	(No response)
Feasibility Studies, Research, Analysis	(No response)	(No response)

Plans, Policies, Regulations	(No response)	(No response)
Policy Implementation	(No response)	(No response)
Community Education, Engagement	(No response)	Encourage community to take part in Earth Day 2015
Committees, Staffing	(No response)	(No response)
Funding	(No response)	(No response)

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.

Variable	Response
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)	No

CORPORATE - Energy Generation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	(No response)	(No response)
Feasibility Studies, Research, Analysis	(No response)	(No response)
Plans, Policies, Regulations	(No response)	(No response)
Policy Implementation	(No response)	(No response)

Employee Training, Awareness	(No response)	(No response)
Committees, Staffing	(No response)	(No response)
Funding	(No response)	(No response)

COMMUNITY-WIDE - Energy Generation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	(No response)	(No response)
Feasibility Studies, Research, Analysis	(No response)	(No response)
Plans, Policies, Regulations	(No response)	(No response)
Policy Implementation	(No response)	(No response)
Community Education, Engagement	(No response)	(No response)
Committees, Staffing	(No response)	(No response)
Funding	(No response)	(No response)

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.

Variable	Response
Does your local government have urban forest policies, plans or programs?	No

COMMUNITY-WIDE - Greenspace

Actions taken in 2014	Actions proposed for
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2015

Physical Improvements, Construction	Infield renovation w/c accessible outhouse	(No response)
Feasibility Studies, Research, Analysis	Research infield replacement materials	(No response)
Plans, Policies, Regulations	(No response)	(No response)
Policy Implementation	(No response)	(No response)
Community Education, Engagement	Placement of infield materials done by community	(No response)
Committees, Staffing	Bella Coola Parks and Recreation Commission	(No response)
Funding	DFA	(No response)

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.

Variable	Response
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

CORPORATE - Solid Waste

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	(No response)	(No response)

Feasibility Studies, Research, Analysis	(No response)	(No response)
Plans, Policies, Regulations	(No response)	(No response)
Policy Implementation	(No response)	(No response)
Employee Training, Awareness	Office organics composting	Office organics composting
Committees, Staffing	(No response)	(No response)
Funding	Nuxalk Nation landfill contribution agreement signed	(No response)

COMMUNITY-WIDE - Solid Waste

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	(No response)	(No response)
Feasibility Studies, Research, Analysis	(No response)	(No response)
Plans, Policies, Regulations	Solid Waste Management Planning review started	Continue with Solid Waste Management and DOCP - establish Advisory Committees
Policy Implementation	(No response)	(No response)
Community Education, Engagement	(No response)	(No response)
Committees, Staffing	(No response)	(No response)
Funding	(No response)	(No response)

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.

Variable	Response
Does your local government have policies, plans or programs to support alternative modes and technologies of transportation (e.g. walking, cycling, transit, electric vehicles)	No
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)?	No

CORPORATE - Transportation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Acquired a newer, more efficient fire pumper truck Airport airside runways line painting West end of runway, safety clearance of trees	Airport west end field sowing to rehabilitate
Feasibility Studies, Research, Analysis	(No response)	(No response)
Plans, Policies, Regulations	(No response)	(No response)
Policy Implementation	(No response)	(No response)
Employee Training, Awareness	Staff car pooled from time to time	Staff car pooling
Committees, Staffing	Stakeholder group meetings	(No response)
Funding	(No response)	(No response)

COMMUNITY-WIDE - Transportation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	(No response)	(No response)
Feasibility Studies, Research, Analysis	(No response)	(No response)
Plans, Policies, Regulations	(No response)	(No response)
Policy Implementation	(No response)	(No response)
Community Education, Engagement	(No response)	(No response)
Committees, Staffing	(No response)	(No response)

Funding

(No response)

(No response)

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.

Variable	Response
Does your local government have water conservation policies, plans or programs?	No

CORPORATE - Water and Wastewater

Actions taken in
2014 Actions proposed for 2015

Physical Improvements, Construction	(No response)	(No response)
Feasibility Studies, Research, Analysis	Shearwater Water feasibility study	Shearwater Water construction design Undertake GIS mapping of Bella Coola water system in 2015
Plans, Policies, Regulations	(No response)	(No response)
Policy Implementation	(No response)	(No response)
Employee Training, Awareness	(No response)	(No response)
Committees, Staffing	(No response)	(No response)
Funding	(No response)	Update existing agreement for Bella Coola water supply with Nuxalk Nation 2015.

COMMUNITY-WIDE - Water and Wastewater

Actions taken Actions proposed for 2015

in 2014

Physical Improvements, Construction	(No response)	(No response)
Feasibility Studies, Research, Analysis	(No response)	Central Coast Regional Hospital District possibly looking to investigate new system for wastewater in conjunction with Nuxalk Nation plans
Plans, Policies, Regulations	(No response)	(No response)
Policy Implementation	(No response)	(No response)
Community Education, Engagement	(No response)	(No response)
Committees, Staffing	(No response)	(No response)
Funding	(No response)	(No response)

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.

Variable	Response
Has your local government begun to integrate the impacts of a changing climate (adaptation) into its planning and operations?	No
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	(No response)	(No response)
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Feasibility Studies, Research, Analysis	(No response)	(No response)
Plans, Policies, Regulations	(No response)	(No response)
Policy Implementation	(No response)	(No response)
Employee Training, Awareness	(No response)	(No response)
Committees, Staffing	(No response)	(No response)
Funding	(No response)	(No response)

COMMUNITY-WIDE - Other Climate Action

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	(No response)	(No response)
Feasibility Studies, Research, Analysis	(No response)	(No response)
Plans, Policies, Regulations	(No response)	(No response)
Policy Implementation	(No response)	(No response)
Community Education, Engagement	(No response)	(No response)
Committees, Staffing	(No response)	(No response)
Funding	(No response)	(No response)

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.

(No response)

COMMUNITY-WIDE - Innovation

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

(No response)

Local Government Information

LOCAL GOVERNMENT INFORMATION

Variable	Response
LOCAL GOVERNMENT INFORMATION Name of Local Government	Central Coast Regional District
LOCAL GOVERNMENT INFORMATION Name of member Regional District (RD)	Central Coast
LOCAL GOVERNMENT INFORMATION Regional Growth Strategy (RGS) in your region	No
LOCAL GOVERNMENT INFORMATION Population	0-4,999

Submitted by:

Variable	Response
Submitted by: Name	Darla Blake
Submitted by: Position	CAO
Submitted by: Email	cao@ccrd-bc.ca
Submitted by: Telephone # (ten digit)	250-799-5291

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.

This survey is too complex and time consuming. Getting the information to stick in the template and to be able to save for others to complete was next to impossible. Lost all information 3 times. Extremely frustrating and time consuming for the small return. Questionable if it is worth the time to even do this, particularly for a small local government like ours with limited staff time and resources to complete

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.