

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

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	

Variable	Response
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	n/a	n/a
Plans, Policies, Regulations	n/a	n/a
Policy Implementation	n/a	n/a
Employee Training, Awareness	n/a	n/a
Committees, Staffing	n/a	n/a
Funding	n/a	n/a

COMMUNITY-WIDE - Broad Planning

	Actions taken in 2014	Actions proposed for 2015
Feasibility Studies, Research, Analysis	n/a	n/a
Plans, Policies, Regulations	Council provided direction to staff to lower required amenity contributions and application fees (rezoning, development permit, and building permit) for new higher density multi-family and mixed use projects and commercial projects within the downtown core of Langford. This will act as a smart growth tool to incentivize new development within the downtown, where there is easy access to frequent transit, services and amenities.	Council amended the Amenity Contribution Policy per this direction on February 2nd, 2015, and adopted a bylaw to amend the development permit and rezoning fee schedule on March 2nd. The reductions to the building permit fee schedule are currently being reviewed by Council.
Policy Implementation	n/a	n/a
Community Education, Engagement	n/a	n/a
Committees, Staffing	n/a	n/a
Funding	n/a	n/a

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?	Yes

CORPORATE - Buildings

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	The City replaced three HVAC systems at City Hall and implemented an improved maintenance program in order to gain energy efficiencies	-An additional four or five HVAC systems are planned to be replaced in 2015; the recommendations of a City Hall lighting audit are to be implemented; the recently acquired North Langford Adventure Centre is to be upgraded, and these upgrades will include heating and energy usage efficiencies
Feasibility Studies, Research, Analysis	n/a	n/a
Plans, Policies, Regulations	n/a	n/a
Policy Implementation	n/a	n/a
Employee Training, Awareness	n/a	n/a
Committees, Staffing	n/a	n/a
Funding	n/a	n/a

COMMUNITY-WIDE - Buildings

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	A Development Permit and a Building Permit were issued for a new YMCA facility, which includes a waste heat recovery district energy system	The YMCA will be completed and become operational in 2015
Feasibility Studies, Research, Analysis	n/a	n/a
Plans, Policies, Regulations	n/a	A proposed increase to the maximum permitted height in the C8A (Community Town Centre Pedestrian A) Zone from four stories to six stories has been endorsed by Council and is currently in the bylaw amendment process
Policy Implementation	n/a	n/a
Community Education, Engagement	The City's Building Inspections Manager hosted a training workshop for local builders and designers to educate them on the 2014 BC Building Code revisions, which primarily relate to increased energy efficiency requirements	The City's Building Inspections Manager will be hosting a similar workshop for the local chapter of AIBC
Committees, Staffing	City Building Inspectors attended training workshops on implementing the 2014 revisions to the BC Building Code	n/a
Funding	n/a	n/a

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	The City replaced and upgraded a component of the existing waste heat recovery system at City Centre Park	n/a
Feasibility Studies, Research, Analysis	n/a	n/a
Plans, Policies, Regulations	n/a	n/a
Policy Implementation	n/a	n/a
Employee Training, Awareness	n/a	n/a
Committees, Staffing	n/a	n/a
Funding	n/a	n/a

COMMUNITY-WIDE - Energy Generation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	n/a	n/a
Feasibility Studies, Research, Analysis	n/a	n/a
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	n/a	n/a

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?	Yes

COMMUNITY-WIDE - Greenspace

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	45 boulevard trees were replaced as part of the ongoing tree replacement program to ensure continuity of the urban forest; 250 new trees were planted in street boulevards; A.T. Gordon Park was upgraded with recycled play equipment	The City will continue to plant and replace trees and install recycled and reused surfaces/equipment in parks as appropriate
Feasibility Studies, Research, Analysis	A parks and trails asset inventory was completed	n/a
Plans, Policies, Regulations	n/a	n/a
Policy Implementation	n/a	n/a
Community Education, Engagement	The City participated in Earth Day 2014 and gave away free seed packages to the public; new interpretative signage was added to several parks to inform the public of the local flora, fauna and geology; a lake stewardship	The City will participate in Earth Day 2015; the City is hosting a lake stewardship seminar in April

	pamphlet was distributed to lakefront property owners; a public open house was held to gather input from residents about what type of parks and recreation features they wish to see in the community; several groups of volunteers helped to plant trees, remove invasive species and harvest weeds in Langford's parks and lakes	
Committees, Staffing	n/a	n/a
Funding	A BC Tire Stewardship Grant was received to install a recycled tire surface in a playground at Veteran's Memorial Park	The City will continue to apply for grants to install new and upgraded park equipment and to help fund tree planting within parks and boulevards

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?	Yes

CORPORATE - Solid Waste

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements,	n/a	n/a

Construction		
Feasibility Studies, Research, Analysis	n/a	n/a
Plans, Policies, Regulations	n/a	n/a
Policy Implementation	The waste reduction program was expanded such that City Hall is now a zero-waste facility	Continue operating City Hall as a zero-waste facility
Employee Training, Awareness	n/a	n/a
Committees, Staffing	n/a	n/a
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	n/a
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	n/a	n/a

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)	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)?	No

CORPORATE - Transportation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	n/a	The purchase of a new fire truck to replace a 25 yr old truck is planned. The new truck will be much more fuel efficient than the existing truck
Feasibility Studies, Research, Analysis	n/a	n/a
Plans, Policies, Regulations	n/a	n/a
Policy Implementation	The staff alternative transportation incentive program continued, which provides a \$1 per day financial incentive for staff to bike, walk, take transit or carpool to work	The staff alternative transportation incentive program will be continued
Employee Training, Awareness	Staff participated in and promoted bike to work week	Staff will participate in and promote bike to work week 2015
Committees, Staffing	n/a	n/a
Funding	n/a	n/a

COMMUNITY-WIDE - Transportation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements,	3km of new bike lanes were created; 2km of new sidewalks were created; 30km of roads were included in the annual crack sealing	Continue expanding the bike lane and sidewalk network as much as possible; continue the

Construction	program, which is a maintenance strategy to increase the longevity of the road by 10-15 years; 11 new transit shelters were installed	annual road crack sealing program
Feasibility Studies, Research, Analysis	n/a	n/a
Plans, Policies, Regulations	n/a	n/a
Policy Implementation	The free Langford trolley, which connects transit hubs to commercial and recreation areas, continued to operate	Continue to operate the free Langford trolley; BC Transit commenced new routes to serve the Bear Mountain and Westhills communities in January 2015
Community Education, Engagement	n/a	n/a
Committees, Staffing	n/a	n/a
Funding	n/a	Continue to apply for grants to improve the sidewalk and bike lane network

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?	Yes

CORPORATE - Water and Wastewater

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	n/a	n/a
Feasibility Studies, Research, Analysis	n/a	The feasibility of installing wells to supply landscaping irrigation at Willing Park and Westhills Park will be explored and possibly implemented
Plans, Policies, Regulations	n/a	n/a
Policy Implementation	n/a	n/a
Employee Training, Awareness	n/a	n/a
Committees, Staffing	n/a	n/a
Funding	n/a	n/a

COMMUNITY-WIDE - Water and Wastewater

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	n/a	n/a
Feasibility Studies, Research, Analysis	n/a	n/a
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	n/a	n/a

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)	No

CORPORATE - Other Climate Action

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	n/a	n/a
Feasibility Studies, Research, Analysis	n/a	n/a
Plans, Policies, Regulations	n/a	n/a
Policy Implementation	n/a	n/a
Employee Training, Awareness	n/a	n/a
Committees, Staffing	n/a	n/a
Funding	n/a	n/a

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	n/a
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	n/a	n/a

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