

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

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.

| | Response |
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| 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? | No |

| Variable | Response |
|--|----------|
| 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)? | Yes |

CORPORATE - Broad Planning

| | Actions taken in 2014 | Actions proposed for 2015 |
|---|--|---|
| Feasibility Studies, Research, Analysis | The organization reviews materials presented on topics of potential savings to determine viability. | Continue to look for opportunities which are affordable to the community. |
| Plans, Policies, Regulations | Working within the Official Community Plan Bylaw # 396, 2013 - Under Section 4.7, Protecting the Environment - Climate Change. | Moving forward with the OCP as adopted in 2013. |
| Policy Implementation | Regular maintenance for vehicles and buildings to maintain best performance and efficiencies. | Continue with maintenance and repair schedules. |
| Funding | CARIP Grant and GHG Offsets for future purchase in reserve funds. | Continue to build reserve until sufficient amount and local project to invest in. |

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

| 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 | Review lighting in buildings. Installed a heat pump in one of the municipal buildings. | Assess replacement options for lighting. Determine if there is a savings in energy and in costs. |

COMMUNITY-WIDE - Buildings

| | Actions taken in 2014 | Actions proposed for 2015 |
|------------------------------|---|---|
| Plans, Policies, Regulations | To work with developers to move towards the green construction standards as stated in the approved OCP Bylaw. | Continue with the Climate Action policies within the OCP. |

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.

| 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) | Yes |

CORPORATE - Energy Generation

| | Actions taken in 2014 | Actions proposed for 2015 |
|-------------------------------------|--|--|
| Physical Improvements, Construction | Added heat pump to municipal office. Continued to maintain and add solar lights to main boulevard. Added solar lights to Community hall trees. | Continue to maintain and enhance any of the trees with solar lights on the main boulevard. |

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).

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

COMMUNITY-WIDE - Greenspace

| | Actions taken in 2014 | Actions proposed for 2015 |
|---|--|--|
| Physical Improvements, Construction | Replaced trees which did not survive winter. Community gardens begin construction. Biodegradable pet excrement bags stations provided. | Continue with tree replacement program. Completion of the community gardens. Continue with bag program. |
| Feasibility Studies, Research, Analysis | Protected and preserved environmentally sensitive areas using the OCP as the guideline. | Awaiting a Letter of Invitation from the Ministry of Forest, Lands, and Natural Resource Operations for a Community Forests Project. |
| Plans, Policies, Regulations | Policies & bylaws in place for cleanliness within community. | Continue to monitor effectiveness of the policies & bylaws in place for cleanliness within community. |
| Policy Implementation | Bylaws are enforced. | Continue enforcing bylaws. |
| Community Education, Engagement | Education of fauna and vegetation suitable for area. Annual clean up which encourages behavioral change - general response of cleanliness. | Continue with education towards fauna and vegetation for area. Continue with annual clean ups. |

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.

| 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

| | | |
|-------------------------------------|--|---|
| Plans, Policies, Regulations | Have policies in place to discourage wildlife attractants within the community. Unsightly bylaws in place including pet excrement pick-up. | Continue to with current policies in place and be open to modifications if needed. |
| Physical Improvements, Construction | Recycle bins available for the community. | Continue to make available the recycle bins. |
| Policy Implementation | Enforce current policies. | Continue to enforce policies. |
| Committees, Staffing | Staffing the Wildlife Aware Program. Bylaw officer staffed. | Continue with staffing of Wildlife Aware program. Bylaw officer continue to be staffed. |

COMMUNITY-WIDE - Solid Waste

| | Actions taken in 2014 | Actions proposed for 2015 |
|---------------------------------|--|--|
| Community Education, Engagement | Ongoing education of best practices of waste disposal options. Through the education process we encourage behavioural changes to reduce waste in landfills and wildlife-human encounters. Continue to use animal proof containers to prevent wildlife accessing waste. | Met with Provincial Government regarding wildlife-human encounters. Continue with education process. |

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.

| 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)? | Yes |

CORPORATE - Transportation

| | Actions taken in 2014 | Actions proposed for 2015 |
|---|---|---|
| Feasibility Studies, Research, Analysis | Survey of the land for trail system. | Terms of the Right-of-Way to be finalized and registered. |
| Plans, Policies, Regulations | OCP includes the requirement to 'maintain a pedestrian scale and connectivity' on pathways, trails and sidewalks. Promote the Regional Public Transit system. Supporting the trail system connecting communities within the region. | Continue to promote a compact footprint and pedestrian friendly small village. Continue to promote the Regional Public Transit system. Continue to support the regional trail system. |
| Policy Implementation | Approval from local business for extension of an existing trail. | Continue to work with community to extend trail systems. |
| Funding | Funds have been placed in reserve for regional trail system. | Continue to fund regional trail system when applicable. |

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.

| 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 | Awarded contract to construct zoned water meter stations. | Proceed with construction of zoned water meter stations. Proceed with reducing wildfire fuels. |
| Feasibility Studies, Research, Analysis | We have a 'Water Smart' plan with implementation to continue over next four years. | Assessing options for heat recovery for accessory building adjacent to Sewer Treatment Plant. Assessing options to use a potentially retired lined reservoir for the back-wash at the Water Treatment Plant. |
| Plans, Policies, Regulations | Water Restrictions applied. Developed plan for reduction of forest fire fuels around Water Treatment Plant. | Continue with water restrictions. |
| Committees, Staffing | Composting within municipal office. | Continue with composting. |
| Funding | Grant from UBCM - Strategic Wildfire Prevention. CBT Water Smart Program | Grant from UBCM - Strategic Wildfire Prevention. CBT Water Smart Program |

COMMUNITY-WIDE - Water and Wastewater

| | Actions taken in 2014 | Actions proposed for 2015 |
|---------------------------------|--|--|
| Plans, Policies, Regulations | Enforced existing water conservation policy. | Continue to enforce the water conservation policy. |
| Community Education, Engagement | Local golf resort uses an alternate source for irrigation rather than treated potable water. | Continue with the 'Pitch-in' program. |

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.

| Variable | Response |
|--|----------|
| 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 |
|------------------------------|--|--|
| Plans, Policies, Regulations | Continue to look for opportunities to partner or promote community-wide actions. | Continue to look for opportunities to partner or promote community-wide actions. |

LOCAL GOVERNMENT INFORMATION

| Variable | Response |
|--|--------------------------------|
| LOCAL GOVERNMENT INFORMATION Name of Local Government | Radium Hot Springs, Village of |
| LOCAL GOVERNMENT INFORMATION Name of member Regional District (RD) | East Kootenay |
| LOCAL GOVERNMENT INFORMATION Regional Growth Strategy (RGS) in your region | Yes |
| LOCAL GOVERNMENT INFORMATION Population | 0-4,999 |