

The Cariboo Regional District 2015 CARIP Climate Action/Carbon Neutral Progress Survey

Broad Planning

BROAD PLANNING ACTIONS

Broad planning refers to high level planning that sets the stage for GHG emissions reductions, including plans such as Official Community Plans, Integrated Community Sustainability Plans, Climate Action Plans or Community Energy Emissions Plans. Land use planning that focuses on Smart Growth principles (compact, complete, connected, centred) plays an especially important role in energy and GHG reduction.

COMMUNITY-WIDE

2015 Community-Wide Broad Planning Actions

Initiated processes for updating the OCP's of the South Cariboo, and the community of Lac La Hache. Recognizing the impacts of climate change and incorporating this into the OCP's in regards to it's affect on sport, agriculture and lifestyle.

Acknowledgement of The Cariboo Regional Districts commitment to the BC/UBCM Climate Charter in all Service Business Plans with an affirmation of energy reduction being a factor in planning and decision making.

2016 Community-Wide Broad Planning Proposed Actions

update community OCP's including a focus on sustainability and reducing greenhouse gas omissions, recognizing the impacts of climate change and incorporating this into the OCP's in regards to it's affect on sport, agriculture and lifestyle.

continue introduction of new procedures to reduce amounts sent to the landfill and enhance and expand on policies and procedures designed to divert materials from the landfills and increase recycling

continue and increase education and facilitation of recycling and diversion methods of waste from landfills

Commence the process for updating the Interlakes OCP. Recognizing the impacts of climate change and incorporating this into the OCP in regards to it's affect on sport, agriculture and lifestyle.

CORPORATE

2015 Corporate Broad Planning Actions

continued in-house programs and procedures to increase recycling and reduce waste in the normal course of operations

upgraded and enhanced office systems to cut back on materials used. Increased the amount of e-documents resulting in reduction of inputs (paper and other materials) used.

2016 Corporate Broad Planning Proposed Actions

Continue with regional OCP updates with attention to sustainability and reduction of emissions, recognizing the impacts of climate change and incorporating this into OCP's in regards to it's affect on sport, agriculture and lifestyle.

continue to incorporate the smart growth for Rural Communities principles as a sustainability checklist for new developments

continue to reinforce our commitment to the BC/UBCM Climate Action Charter by incorporating it into our business plans and policies.

SNAPSHOT QUESTIONS

Does your local government set aside funds in a climate reserve fund or something similar?

No

Does your local government have a corporate GHG reduction plan?

No

What is your current GHG reduction target (s) as identified in your OCP or RGS?

All OCP's target a reduction of 33% of greenhouse gas emissions by 2020 and an 80% reduction by the year 2050 from 2007 levels

Has your local government used the Community Energy and Emissions Inventory (CEEI) to measure progress?

Yes

What plans, policies or guidelines govern the implementation of climate mitigation in your community?

- OCP's

Building and Lighting

BUILDING AND LIGHTING ACTIONS

Low-carbon buildings use the minimum amount of energy needed to provide comfort and safety for their inhabitants and tap into renewable energy sources for heating, cooling and power. These buildings can save money, especially when calculated over the long term. This category also includes reductions realized from energy efficient street lights and lights in parks or other public spaces.

COMMUNITY-WIDE

2015 Community-Wide Building and Lighting Actions

upgrade of lighting in community buildings to newer more energy efficient lights
upgrade windows and doors at community halls to increase their energy efficiency
upgrade of heating and cooling systems in public arenas to improve efficiency

2016 Community-Wide Building and Lighting Proposed Actions

continue the upgrading of windows and doors on community halls to improve their energy efficiency
install energy efficient lighting in public arenas to increase and enhance energy efficiency

Energy Generation

ENERGY GENERATION ACTIONS

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

COMMUNITY-WIDE

COMMUNITY-WIDE ENERGY GENERATION - 2015 ACTIONS

In the following section, please identify up to five community-wide Energy Generation actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

2016 Community-Wide Energy Generation Proposed Actions

No specific planned activities at this time. However, the CRD continues to seek opportunities to pilot a district heating system
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Is your local government connected to a district energy system that is operated by another energy provider?

No

Are you aware of the Integrated Resource Recovery guidance page on the BC Climate Action Toolkit? <http://www.toolkit.bc.ca/tool/integrated-resource-recovery-irr>

Yes

Greenspace

GREENSPACE ACTIONS

Greenspace refers to parks and greenways, boulevards, community forests, urban agriculture, riparian areas, gardens, recreation/school sites, and other green spaces, such as remediated brownfield/contaminated sites.

COMMUNITY-WIDE

2015 Community-Wide Greenspace Actions

Commenced the process of updating of the South Cariboo, and Lac La Hache OCP's, aligning them to provide policy and guidance relating to preservation and protection of the natural environment, ecosystems and biological diversity

2016 Community-Wide Greenspace Proposed Actions

Commence Updating of Interlakes OCP. Align OCP to provide policy and guidance relating to preservation and protection of natural environment, ecosystems and biological diversity

Continue the updating of the South Cariboo, Lac La Hache , and 108 Mile OCP's, aligning them to provide policy and guidance relating to preservation and protection of the natural environment, ecosystems and biological diversity

SNAPSHOT QUESTION

Does your local government have urban forest policies, plans or programs?

No

Solid Waste

SOLID WASTE ACTIONS

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

COMMUNITY-WIDE

2015 Community-Wide Solid Waste Actions

Promoted recycling at the regional transfer stations to divert materials and reduce amounts sent to landfills

Compacted waste at the transfer sites before trucking to increase the load amount while reducing the number of hauls to landfills

Chipped woodwaste in a centralized and accessible area reducing the distance traveled to deliver the material to the chipper

2016 Community-Wide Solid Waste Proposed Actions

Continue and expand on advertising campaign to educate the public on recycling opportunities to divert materials from the landfill

Continue to pursue the establishment of Eco-Depots in Williams Lake and the South Cariboo to further promote recycling and repurposing of materials that otherwise would go to the landfills

Investigate the conversion of uncontrolled rural sites to controlled sites to promote and encourage recycling and further divert material from the landfills

subsidized composter program for residential users to encourage composting and divert organic materials from landfills

CORPORATE

2015 Corporate Solid Waste Actions

Upgraded software and introduced new procedures to reduce paper use and waste.

2016 Solid Waste Proposed Actions

Continue revision of policies and procedures to reduce waste and cut back on inputs

Continue software upgrades to switch document storage to an electronic format to reduce the use and waste of paper and other inputs

SNAPSHOT QUESTIONS

Does your local government have construction and demolition waste reduction policies, plans or programs?

Yes

Does your local government have organics reduction/diversion policies, plans or programs?

Yes

Transportation

TRANSPORTATION ACTIONS

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

COMMUNITY-WIDE

2015 Community-Wide Transportation Actions

Encouraged, promoted and contributed to the establishment and maintenance of accessible trails
OCP's encourage the development of trails and identify current and potential future trails

2016 Community-Wide Transportation Proposed Actions

The Cariboo Regional District will continue to promote trail development and bike access to public spaces

Continue to explore opportunities for mass transit and encourage the reduction of single occupant automobile trips

SNAPSHOT QUESTIONS

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

- **Walking / Yes**
- **Cycling / Yes**

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

No

Does your local government have policies, plans or programs to support local food production (thus reducing transportation emissions)?

No

Water and Wastewater

WATER AND WASTEWATER ACTIONS

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

COMMUNITY-WIDE

2015 Community-Wide Water and Wastewater Actions

low flow toilet subsidy program in the community of 108 Mile house to encourage residents to replace older toilets with low volume toilets

Intensive study of the 108 water system to find ways to make it more sustainable and efficient and reduce the systems impact on Sepa Lake.

Information campaign advising on ways to protect Water quality and shorelines of local lakes

Rebuilt a significant section of the Horse Lake Water system to increase delivery efficiency and reduce leakage

Sprinkling Restrictions district wide from May 1st to October 1st restricting the times of day that lawn sprinkling can occur

2016 Community-Wide Water and Wastewater Proposed Actions

Rebuild and enhance the 108 water system including the installation of a second well and water filtration and treatment plant.

The CRD has taken over the 103 Mile water system. Significant upgrades are planned that should not only increase the water quality to residents but improve the efficiency of delivery and extend the life of the service

continue with the low flow toilet exchange program in the 108 Mile House community to continue to promote water conservation in the area

SNAPSHOT QUESTION

Does your local government have water conservation policies, plans or programs?

Yes

Emissions

2015 Carbon Neutral Progress Reporting

Local governments are required to report on their progress in achieving their carbon neutral goal under the Climate Action Charter. Working with B.C. local governments, the joint Provincial-UBCM Green Communities Committee has established a common approach to determining carbon neutrality for the purposes of the Climate Action Charter, including a Carbon Neutral Framework and supporting guidance for local governments on how to become carbon neutral. Prior to completing this survey, please ensure that you are familiar with guidance available on the B.C. Climate Action Toolkit website, especially *Becoming Carbon Neutral: A Guide for Local Governments in British Columbia*.

Did you measure your local government's corporate GHG emissions in 2015?

Yes

If your local government measured 2015 corporate GHG emissions, please report the number of corporate GHG emissions from services delivered directly by your local government:

(in tonnes of carbon dioxide equivalent) 1187

If your local government measured 2015 corporate GHG emissions, please report the number of corporate GHG emissions from contracted services:

(in tonnes of carbon dioxide equivalent) 457

Total Corporate GHG Emissions for 2015: 1644.0 tCO₂e

Reductions and Offsets

Reporting Reductions and Offsets

To be carbon neutral, a local government must balance their TOTAL corporate GHG emissions by one or a combination of the following actions: undertake Option 1 Projects (Green Communities Committee (GCC)-supported) undertake Option 2 Projects (alternative) community GHG emissions reduction projects that meet project eligibility requirements purchase carbon offsets from a credible offset provider

Reductions

If applicable, please report the 2015 GHG emissions reductions being claimed from Option 1 GHG Reduction Projects:

2015 OPTION 1 REDUCTIONS = 0.0 tCO₂e

2015 OPTION 2 REDUCTIONS = 0.0 tCO₂e

2015 OFFSETS = 0 tCO₂e

2015 REDUCTIONS AND OFFSETS = 0.0 tCO₂e

2015 CORPORATE GHG EMISSIONS BALANCE: 1644.0 tCO₂e

Green Communities Committee (GCC) Climate Action Recognition Program

The joint Provincial-UBCM Green Communities Committee (GCC) is pleased to be continuing the Climate Action Recognition Program again this year. This multi-level program provides the GCC with an opportunity to review and publicly recognize the progress and achievements of each Climate Action Charter (Charter) signatory. Recognition is provided on an annual basis to local governments who demonstrate progress on their Charter commitments, according to the following:

- Level 1 - Progress on Charter Commitments: for local governments who demonstrate progress on fulfilling one or more of their Charter commitments
- Level 2 - Measurement: for local governments who have measured their Corporate GHG Emissions for the reporting year and demonstrate that they are familiar with the Community Energy and Emissions Inventory

(CEEI)Level 3 - Achievement of Carbon Neutrality: for local governments who achieve carbon neutrality in the reporting year.

Based on your local government's 2015 Climate Action/Carbon Neutral Progress Survey, please check the GCC Climate Action Recognition Program level that best applies:

Level 1 - Progress on Charter Commitments

LOCAL GOVERNMENT INFORMATION

LOCAL GOVERNMENT INFORMATION Name of Local Government	Cariboo Regional District
LOCAL GOVERNMENT INFORMATION Name of member Regional District (RD)	Cariboo
LOCAL GOVERNMENT INFORMATION Regional Growth Strategy (RGS) in your region	No
LOCAL GOVERNMENT INFORMATION Population	50,000-99,999

Submitted by:

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