### 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

#### **COMMUNITY-WIDE BROAD PLANNING - 2015 ACTIONS**

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

#### 2015 Community-Wide Broad Planning Actions

| Variable                                      | Response   |
|---|--|
| 2015 Community-Wide<br>Broad Planning Actions | OCP has broad planning policies and regulations. Smart growth<br>principles adopted in strategic plan guiding principles Council signing<br>onto BC Climate Action Plan. |
| 2015 Community-Wide<br>Broad Planning Actions | Smart growth principles adopted in strategic plan guiding principles.  |
| 2015 Community-Wide<br>Broad Planning Actions | Applicable staff have been educated in smart growth principles.  |
| 2015 Community-Wide<br>Broad Planning Actions |  |
| 2015 Community-Wide<br>Broad Planning Actions | (No response)  |

#### Additional Community-Wide Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional community-wide Broad Planning actions in the boxes below (optional).

(No response)

#### **COMMUNITY-WIDE BROAD PLANNING - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five community-wide Broad Planning actions proposed for 2016 (one action per box).

| Variable   | Response  |
|--|---|
| 2016 Community-Wide Broad<br>Planning Proposed Actions | OCP has broad planning policies and regulations. Smart growth<br>principles adopted in strategic plan guiding principlesCouncil<br>signing onto BC Climate Action Plan. |
| 2016 Community-Wide Broad<br>Planning Proposed Actions | Smart growth principles adopted in strategic plan guiding principles.   |
| 2016 Community-Wide Broad<br>Planning Proposed Actions | Applicable staff have been educated in smart growth principles.   |
| 2016 Community-Wide Broad<br>Planning Proposed Actions | (No response)   |
| 2016 Community-Wide Broad<br>Planning Proposed Actions | (No response)   |

#### 2016 Community-Wide Broad Planning Proposed Actions

#### CORPORATE

#### **CORPORATE BROAD PLANNING - 2015 ACTIONS**

In the following section, please identify up to five corporate Broad Planning actions taken in 2015 (one action per box). There is a separate box for additional actions that you wish to report.

#### **2015 Corporate Broad Planning Actions**

| Variable                                 | Response  |
|--|---|
| 2015 Corporate Broad Planning<br>Actions | Council signing onto BC Climate Action Plan               |
| 2015 Corporate Broad Planning            | Smart growth principles adopted in strategic plan guiding |

| Actions                                  | principles   |
|--|--|
| 2015 Corporate Broad Planning<br>Actions | Applicable staff have been educated in smart growth principles |
| 2015 Corporate Broad Planning<br>Actions | (No response)  |
| 2015 Corporate Broad Planning<br>Actions | (No response)  |

#### Additional Corporate Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional corporate Broad Planning actions in the boxes below (optional).

(No response)

#### **CORPORATE BROAD PLANNING - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five community-wide Broad Planning actions proposed for 2016 (one action per box).

#### **2016 Corporate Broad Planning Proposed Actions**

| Variable  | Response   |
|---|--|
| 2016 Corporate Broad Planning Proposed<br>Actions | Council signing onto BC Climate Action Plan                          |
| 2016 Corporate Broad Planning Proposed<br>Actions | Smart growth principles adopted in strategic plan guiding principles |
| 2016 Corporate Broad Planning Proposed Actions    | Applicable staff have been educated in smart growth principles       |
| 2016 Corporate Broad Planning Proposed<br>Actions | (No response)  |
| 2016 Corporate Broad Planning Proposed<br>Actions | (No response)  |

#### **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?

Yes

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

To reduce per capita GHG emissions by 33% of 2007 levels , by the year 2020

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

#### **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

#### **COMMUNITY-WIDE BUILDING AND LIGHTING - 2015 ACTIONS**

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

#### 2015 Community-Wide Building and Lighting Actions

| Variable  | Response                          |  |
|---|-----------------------------------|--|
| 2015 Community-Wide Building and Lighting Actions | LED street light replacement plan |  |
| 2015 Community-Wide Building and Lighting Actions | (No response)                     |  |
| 2015 Community-Wide Building and Lighting Actions | (No response)                     |  |

| 2015 Community-Wide Building and Lighting Actions | (No response) |
|---|---------------|
| 2015 Community-Wide Building and Lighting Actions | (No response) |

#### Additional Community-Wide Building and Lighting Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a "/", any additional community-wide Building and Lighting actions in the boxes below (optional).

(No response)

#### **COMMUNITY-WIDE BUILDING AND LIGHTING - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five community-wide Building and Lighting actions proposed for 2016 (one action per box).

#### 2016 Community-Wide Building and Lighting Proposed Actions

| Response                          |
|-----------------------------------|
| LED street light replacement plan |
| (No response)                     |
| (No response)                     |
| (No response)                     |
| (No response)                     |
|                                   |

#### CORPORATE

#### **CORPORATE BUILDING AND LIGHTING - 2015 ACTIONS**

In the following section, please identify up to five corporate Building and Lighting actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

#### **2015** Corporate Building and Lighting Actions

| Variable                                     | Response                              |  |
|--|---------------------------------------|--|
| 2015 Corporate Building and Lighting Actions | LED light replacement in buildings    |  |
| 2015 Corporate Building and Lighting Actions | Smart light program in city buidlings |  |
| 2015 Corporate Building and Lighting Actions | (No response)                         |  |

| 2015 Corporate Building and Lighting Actions | (No response) |
|--|---------------|
| 2015 Corporate Building and Lighting Actions | (No response) |

#### Additional Building and Lighting Corporate Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a "/", any additional corporate Building and Lighting actions in the boxes below (optional).

(No response)

#### **CORPORATE BUILDING AND LIGHTING - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five corporate Broad Planning actions proposed for 2016 (one action per box).

#### 2016 Building and Lighting Proposed Actions

| Variable                                    | Response     |
|---|--------------|
| 2016 Building and Lighting Proposed Actions | LED light re |
| 2016 Building and Lighting Proposed Actions | Smart light  |
| 2016 Building and Lighting Proposed Actions | Installation |
| 2016 Building and Lighting Proposed Actions | (No respon   |
| 2016 Building and Lighting Proposed Actions | (No respon   |

LED light replacement in buildings Smart light program in city buildings Installation of motion sensors in city buildings (No response) (No response)

#### **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.

#### 2015 Community-Wide Energy Generation Actions

| Variable                                      | Response      |
|---|---------------|
| 2015 Community-Wide Energy Generation Actions | (No response) |
| 2015 Community-Wide Energy Generation Actions | (No response) |
| 2015 Community-Wide Energy Generation Actions | (No response) |
| 2015 Community-Wide Energy Generation Actions | (No response) |
| 2015 Community-Wide Energy Generation Actions | (No response) |

#### Additional Community-Wide Energy Generation Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a foward slash /, any additional community-wide Energy Generation actions in the boxes below (optional).

(No response)

#### **COMMUNITY-WIDE ENERGY GENERATION - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five community-wide Energy Generation actions proposed for 2016 (one action per box).

#### 2016 Community-Wide Energy Generation Proposed Actions

| Variable   | Response      |
|--|---------------|
| 2016 Community-Wide Energy Generation Proposed Actions | (No response) |
| 2016 Community-Wide Energy Generation Proposed Actions | (No response) |
| 2016 Community-Wide Energy Generation Proposed Actions | (No response) |
| 2016 Community-Wide Energy Generation Proposed Actions | (No response) |
| 2016 Community-Wide Energy Generation Proposed Actions | (No response) |

#### **CORPORATE**

#### **CORPORATE ENERGY GENERATION - 2015 ACTIONS**

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

#### **2015 Corporate Energy Generation Actions**

| Variable                                 | Response      |
|--|---------------|
| 2015 Corporate Energy Generation Actions | (No response) |
| 2015 Corporate Energy Generation Actions | (No response) |
| 2015 Corporate Energy Generation Actions | (No response) |
| 2015 Corporate Energy Generation Actions | (No response) |
| 2015 Corporate Energy Generation Actions | (No response) |

#### Additional Corporate Energy Generation Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional corporate Energy Generation actions in the boxes below (optional).

(No response)

#### **CORPORATE ENERGY GENERATION - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five community-wide Energy Generation actions proposed for 2016 (one action per box).

#### **2016 Energy Generation Proposed Actions**

| Variable                                | Response      |
|---|---------------|
| 2016 Energy Generation Proposed Actions | (No response) |
| 2016 Energy Generation Proposed Actions | (No response) |
| 2016 Energy Generation Proposed Actions | (No response) |
| 2016 Energy Generation Proposed Actions | (No response) |
| 2016 Energy Generation Proposed Actions | (No response) |

#### **SNAPSHOT QUESTIONS**

#### Is your local government developing or constructing...

• None of the above

#### Is your local government operating...

• None of the above

Is your local government connected to a district energy system that is operated by another energy provider? Yes

### Are you aware of the Integrated Resource Recovery guidance page on the BC Climate Action Toolkit? http://www.toolkit.bc.ca/tool/integrated-resourcerecovery-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

#### **COMMUNITY-WIDE GREENSPACE - 2015 ACTIONS**

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

#### 2015 Community-Wide Greenspace Actions

| Variable                               | Response                                   |
|--|--|
| 2015 Community-Wide Greenspace Actions | Planted drought resistant trees and plants |
| 2015 Community-Wide Greenspace Actions | Keep tree canopies in place                |
| 2015 Community-Wide Greenspace Actions | (No response)                              |
| 2015 Community-Wide Greenspace Actions | (No response)                              |
| 2015 Community-Wide Greenspace Actions | (No response)                              |

#### Additional Community-Wide Greenspace Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional community-wide Greenspace actions in the boxes below (optional).

(No response)

#### **COMMUNITY-WIDE GREENSPACE - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five community-wide Greenspace actions proposed for 2016 (one action per box).

#### 2016 Community-Wide Greenspace Proposed Actions

| Variable  | Response                                 |
|---|--|
| 2016 Community-Wide Greenspace Proposed Actions | Plant drought resistant trees and plants |
| 2016 Community-Wide Greenspace Proposed Actions | Keep tree canopies in place              |
| 2016 Community-Wide Greenspace Proposed Actions | (No response)                            |
| 2016 Community-Wide Greenspace Proposed Actions | (No response)                            |
| 2016 Community-Wide Greenspace Proposed Actions | (No response)                            |

#### CORPORATE

#### **CORPORATE GREENSPACE - 2015 ACTIONS**

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

#### **2015** Corporate Greenspace Actions

| Variable                          | Response      |
|-----------------------------------|---------------|
| 2015 Corporate Greenspace Actions | (No response) |
| 2015 Corporate Greenspace Actions | (No response) |
| 2015 Corporate Greenspace Actions | (No response) |
| 2015 Corporate Greenspace Actions | (No response) |
| 2015 Corporate Greenspace Actions | (No response) |

#### Additional Corporate Greenspace Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional corporate Greenspace actions in the boxes below (optional).

(No response)

#### **CORPORATE GREENSPACE - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five corporate Greenspace actions proposed for 2016 (one action per box).

#### **2016 Greenspace Proposed Actions**

| Variable                         | Response      |
|----------------------------------|---------------|
| 2016 Greenspace Proposed Actions | (No response) |
| 2016 Greenspace Proposed Actions | (No response) |
| 2016 Greenspace Proposed Actions | (No response) |
| 2016 Greenspace Proposed Actions | (No response) |
| 2016 Greenspace Proposed Actions | (No response) |

#### **SNAPSHOT QUESTION**

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

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

#### **COMMUNITY-WIDE SOLID WASTE - 2015 ACTIONS**

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

#### 2015 Community-Wide Solid Waste Actions

| Variable                                | Response                           |
|---|------------------------------------|
| 2015 Community-Wide Solid Waste Actions | Solid Waste is a regional function |
| 2015 Community-Wide Solid Waste Actions | (No response)                      |
| 2015 Community-Wide Solid Waste Actions | (No response)                      |
| 2015 Community-Wide Solid Waste Actions | (No response)                      |
| 2015 Community-Wide Solid Waste Actions | (No response)                      |

#### Additional Community-Wide Solid Waste Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional community-wide Solid Waste actions in the boxes below (optional).

(No response)

#### **COMMUNITY-WIDE SOLID WASTE - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five community-wide Solid Waste actions proposed for 2016 (one action per box).

#### 2016 Community-Wide Solid Waste Proposed Actions

| Variable   | Response                           |
|--|------------------------------------|
| 2016 Community-Wide Solid Waste Proposed Actions | Solid waste is a regional function |
| 2016 Community-Wide Solid Waste Proposed Actions | (No response)                      |
| 2016 Community-Wide Solid Waste Proposed Actions | (No response)                      |
| 2016 Community-Wide Solid Waste Proposed Actions | (No response)                      |
| 2016 Community-Wide Solid Waste Proposed Actions | (No response)                      |

#### CORPORATE

#### **CORPORATE SOLID WASTE - 2015 ACTIONS**

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

#### 2015 Corporate Solid Waste Actions

| Variable                           | Response                           |
|------------------------------------|------------------------------------|
| 2015 Corporate Solid Waste Actions | Solid waste is a regional function |
| 2015 Corporate Solid Waste Actions | (No response)                      |
| 2015 Corporate Solid Waste Actions | (No response)                      |
| 2015 Corporate Solid Waste Actions | (No response)                      |
| 2015 Corporate Solid Waste Actions | (No response)                      |

#### Additional Solid Waste Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional corporate Solid Waste actions in the boxes below (optional).

(No response)

#### **CORPORATE SOLID WASTE - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five corporate Solid Waste actions proposed for 2016 (one action per box).

#### 2016 Solid Waste Proposed Actions

| Variable                          | Response                           |
|-----------------------------------|------------------------------------|
| 2016 Solid Waste Proposed Actions | Solid waste is a regional function |
| 2016 Solid Waste Proposed Actions | (No response)                      |
| 2016 Solid Waste Proposed Actions | (No response)                      |
| 2016 Solid Waste Proposed Actions | (No response)                      |
| 2016 Solid Waste Proposed Actions | (No response)                      |

#### **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

#### **COMMUNITY-WIDE TRANSPORTATION - 2015 ACTIONS**

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

#### **2015** Community-Wide Transportation Actions

| Variable                                   | Response  |
|--|---|
| 2015 Community-Wide Transportation Actions | Bus Fuel conversion to natural gas is ongoing   |
| 2015 Community-Wide Transportation Actions | Rails to trails planning                        |
| 2015 Community-Wide Transportation Actions | Accessibility and safe routes to school program |
| 2015 Community-Wide Transportation Actions | (No response)                                   |
| 2015 Community-Wide Transportation Actions | (No response)                                   |

#### **Additional Community-Wide Transportation Actions Taken in 2015**

For those communities that would like to provide additional actions - please list, separated by a forward salsh /, any additional community-wide Transportation actions in the boxes below (optional).

(No response)

#### **COMMUNITY-WIDE TRANSPORTATION - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five community-wide Transportation actions proposed for 2016 (one action per box).

#### 2016 Community-Wide Transportation Proposed Actions

| Variable   | Response  |
|--|---|
| 2016 Community-Wide Transportation Proposed<br>Actions | Bus Fuel conversion to natural gas is ongoing   |
| 2016 Community-Wide Transportation Proposed<br>Actions | Rails to trails planning                        |
| 2016 Community-Wide Transportation Proposed<br>Actions | Accessibility and safe routes to school program |
| 2016 Community-Wide Transportation Proposed<br>Actions | (No response)                                   |
| 2016 Community-Wide Transportation Proposed<br>Actions | (No response)                                   |

#### CORPORATE

#### **CORPORATE TRANSPORTATION - 2015 ACTIONS**

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

#### **2015 Corporate Transportation Actions**

| Variable                              | Response                                 |  |
|---------------------------------------|--|--|
| 2015 Corporate Transportation Actions | Bike lanes for major road reconstruction |  |
| 2015 Corporate Transportation Actions | (No response)                            |  |
| 2015 Corporate Transportation Actions | (No response)                            |  |
| 2015 Corporate Transportation Actions | (No response)                            |  |
| 2015 Corporate Transportation Actions | (No response)                            |  |

#### **Additional Corporate Transportation Actions Taken in 2015**

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional corporate Transportation actions in the boxes below (optional).

(No response)

#### **CORPORATE TRANSPORTATION - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five corporate Transportation actions proposed for 2016 (one action per box).

#### **2016 Transportation Proposed Actions**

| Variable                             | Response                                 |  |
|--------------------------------------|--|--|
| 2016 Transportation Proposed Actions | Bike lanes for major road reconstruction |  |
| 2016 Transportation Proposed Actions | (No response)                            |  |
| 2016 Transportation Proposed Actions | (No response)                            |  |
| 2016 Transportation Proposed Actions | (No response)                            |  |
| 2016 Transportation Proposed Actions | (No response)                            |  |

#### **SNAPSHOT QUESTIONS**

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

- Walking
- Cycling
- Electric Vehicles

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)? Yes

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

#### **COMMUNITY-WIDE WATER AND WASTEWATER - 2015 ACTIONS**

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

#### 2015 Community-Wide Water and Wastewater Actions

| Variable   | Response   |
|--|--|
| 2015 Community-Wide Water and Wastewater Actions | Summer water conservation plan in place                  |
| 2015 Community-Wide Water and Wastewater Actions | Drinking water and watershed protection program in place |
| 2015 Community-Wide Water and Wastewater Actions | (No response)  |
| 2015 Community-Wide Water and Wastewater Actions | (No response)  |
| 2015 Community-Wide Water and Wastewater Actions | (No response)  |

#### Additional Community-Wide Water and Wastewater Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional community-wide Water and Wastewater actions in the boxes below (optional).

(No response)

#### **COMMUNITY-WIDE WATER AND WASTEWATER - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five community-wide Water and Wastewater actions proposed for 2016 (one action per box).

#### 2016 Community-Wide Water and Wastewater Proposed Actions

| Variable   | Response   |
|--|--|
| 2016 Community-Wide Water and Wastewater Proposed Actions    | Summer water conservation plan in place                  |
| 2016 Community-Wide Water and Wastewater Proposed Actions    | Drinking water and watershed protection program in place |
| 2016 Community-Wide Water and<br>Wastewater Proposed Actions | (No response)  |
| 2016 Community-Wide Water and<br>Wastewater Proposed Actions | (No response)  |
| 2016 Community-Wide Water and Wastewater Proposed Actions    | (No response)  |

#### CORPORATE

#### **CORPORATE WATER AND WASTEWATER - 2015 ACTIONS**

In the following section, please identify up to five corporate Water and Wastewater actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

#### **2015** Corporate Water and Wastewater Actions

| Variable                                    | Response   |
|---|--|
| 2015 Corporate Water and Wastewater Actions | Escalating tiered water consumption rates in place |
| 2015 Corporate Water and Wastewater Actions | Low flush toilet rebate program in place           |
| 2015 Corporate Water and Wastewater Actions | (No response)                                      |
| 2015 Corporate Water and Wastewater Actions | (No response)                                      |
| 2015 Corporate Water and Wastewater Actions | (No response)                                      |

#### Additional Corporate Water and Wastewater Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional corporate Water and Wastewater actions in the boxes below (optional).

(No response)

#### **CORPORATE WATER AND WASTEWATER - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five corporate Water and Wastewater actions proposed for 2016 (one action per box).

#### **2016 Water and Wastewater Proposed Actions**

| Variable                                      | Response   |
|---|--|
| 2016 Water and Wastewater Proposed<br>Actions | Escalating tiered water consumption rates in place |
| 2016 Water and Wastewater Proposed<br>Actions | Summer water conservation plan in place            |
| 2016 Water and Wastewater Proposed<br>Actions | Low flush toilet rebate program in place           |
| 2016 Water and Wastewater Proposed<br>Actions | Rain barrel rebate program in place                |
| 2016 Water and Wastewater Proposed Actions    | (No response)                                      |

#### **SNAPSHOT QUESTION**

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

#### **CLIMATE CHANGE ADAPTATION ACTIONS**

For local governments, adaptation to a changing climate can take the form of changes in policy, management, technology and behaviour that minimize negative impacts or exploit opportunities. It can involve both "hard" and "soft" solutions, including: changes in infrastructure engineering, planning, zoning, bylaws and public education.

#### COMMUNITY-WIDE

#### **COMMUNITY-WIDE ADAPTATION - 2015 ACTIONS**

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

#### **2015** Community-Wide Adaptation Actions

| Variable                               | Response      |
|--|---------------|
| 2015 Community-Wide Adaptation Actions | (No response) |
| 2015 Community-Wide Adaptation Actions | (No response) |
| 2015 Community-Wide Adaptation Actions | (No response) |
| 2015 Community-Wide Adaptation Actions | (No response) |
| 2015 Community-Wide Adaptation Actions | (No response) |

#### Additional Community-Wide Adaptation Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional community-wide Adaptation actions in the boxes below (optional).

(No response)

#### **COMMUNITY-WIDE ADAPTATION - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five community-wide Adaptation actions proposed for 2016 (one action per box).

#### 2016 Community-Wide Adaptation Proposed Actions

| Variable  | Response      |
|---|---------------|
| 2016 Community-Wide Adaptation Proposed Actions | (No response) |
| 2016 Community-Wide Adaptation Proposed Actions | (No response) |
| 2016 Community-Wide Adaptation Proposed Actions | (No response) |
| 2016 Community-Wide Adaptation Proposed Actions | (No response) |
| 2016 Community-Wide Adaptation Proposed Actions | (No response) |

#### CORPORATE

#### **CORPORATE ADAPTATION - 2015 ACTIONS**

In the following section, please identify up to five corporate Adaptation actions taken in 2015. One action per box. There is a separate box for optional additional 2015 actions your community may want to report.

#### **2015 Corporate Adaptation Actions**

| Variable                          | Response      |
|-----------------------------------|---------------|
| 2015 Corporate Adaptation Actions | (No response) |
| 2015 Corporate Adaptation Actions | (No response) |
| 2015 Corporate Adaptation Actions | (No response) |
| 2015 Corporate Adaptation Actions | (No response) |
| 2015 Corporate Adaptation Actions | (No response) |

#### **Additional Corporate Adaptation Actions Taken in 2015**

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional corporate Adaptation actions in the boxes below (optional).

(No response)

#### **CORPORATE ADAPTATION - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five corporate Adaptation actions proposed for 2016 (one action per box).

#### **2016 Adaptation Proposed Actions**

| Variable                         | Response      |
|----------------------------------|---------------|
| 2016 Adaptation Proposed Actions | (No response) |
| 2016 Adaptation Proposed Actions | (No response) |
| 2016 Adaptation Proposed Actions | (No response) |
| 2016 Adaptation Proposed Actions | (No response) |
| 2016 Adaptation Proposed Actions | (No response) |

#### **SNAPSHOT QUESTIONS**

Are you familiar with the Plan2Adapt guidance located on the Climate Action Toolkit Website? http://www.toolkit.bc.ca/Resource/Plan2Adapt Yes

Are you familiar with "Preparing for Climate Change - An Implementation Guide for Local Governments in BC? http://www.toolkit.bc.ca/Resource/Preparing-Climate-Change-Implementation-Guide-Local-Governments-British-Columbia Yes

Have you visited the climate change adaptation guidance page on the BC Climate Action Toolkit? http://www.toolkit.bc.ca/adaptation-challenges-andopportunities

Yes

Other

#### **OTHER CLIMATE ACTIONS**

This section provides local governments the opportunity to report other climate actions that are not captured in the categories above.

#### COMMUNITY-WIDE

#### **COMMUNITY-WIDE OTHER - 2015 ACTIONS**

In the following section, please identify up to five community-wide Other actions taken in 2015 (one action per box).

#### 2015 Community-Wide Other Actions

| Variable                          | Response      |
|-----------------------------------|---------------|
| 2015 Community-Wide Other Actions | (No response) |
| 2015 Community-Wide Other Actions | (No response) |
| 2015 Community-Wide Other Actions | (No response) |

| 2015 Community-Wide Other Actions | (No response) |
|-----------------------------------|---------------|
| 2015 Community-Wide Other Actions | (No response) |

#### **COMMUNITY-WIDE OTHER - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five community-wide Other actions proposed for 2016 (one action per box).

#### 2016 Community-Wide Other Proposed Actions

| Variable                                   | Response      |
|--|---------------|
| 2016 Community-Wide Other Proposed Actions | (No response) |
| 2016 Community-Wide Other Proposed Actions | (No response) |
| 2016 Community-Wide Other Proposed Actions | (No response) |
| 2016 Community-Wide Other Proposed Actions | (No response) |
| 2016 Community-Wide Other Proposed Actions | (No response) |

#### CORPORATE

#### **CORPORATE OTHER - 2015 ACTIONS**

In the following section, please identify up to five corporate Other actions taken in 2015 (one action per box).

#### **2015 Corporate Other Actions**

| Variable                     | Response      |
|------------------------------|---------------|
| 2015 Corporate Other Actions | (No response) |
| 2015 Corporate Other Actions | (No response) |
| 2015 Corporate Other Actions | (No response) |
| 2015 Corporate Other Actions | (No response) |
| 2015 Corporate Other Actions | (No response) |

#### **CORPORATE OTHER - ACTIONS PROPOSED FOR 2016**

In the following section, please identify up to five corporate Other actions proposed for 2016 (one action per box).

#### **2016 Other Proposed Actions**

| Variable                    | Response      |
|-----------------------------|---------------|
| 2016 Other Proposed Actions | (No response) |
| 2016 Other Proposed Actions | (No response) |
| 2016 Other Proposed Actions | (No response) |
| 2016 Other Proposed Actions | (No response) |
| 2016 Other Proposed Actions | (No response) |

**Innovation/Peer Learning** 

#### **INNOVATION AND PEER LEARNING**

#### Innovation

This section provides the opportunity to showcase an innovative Corporate and/or Communitywide reduction or adaptation activity that your local government has undertaken and that has had a significant impact or has the potential to have a significant impact. You are welcome to repeat an action that has already been listed.Projects included here may be featured as success stories on the B.C. Climate Action Toolkit and/or shared with other local governments to inspire further climate action. Please add links to additional information where possible.

#### **Community-Wide Innovation**

(No response)

#### **Corporate Innovation**

(No response)

#### **Programs, Partnerships and Funding Opportunities**

Local governments often rely on programs, partnerships and funding opportunities to achieve their climate action goals. Please share the names of programs and organizations that have supported your local government's climate actions by listing each entry in the appropriate box below separated by a forward slash / (e.g. program1/program2/...).

#### **Programs, Partnerships and Funding**

(No response)

#### **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 <u>directly</u> by your local government:

(in tonnes of carbon dioxide equivalent) 302.5

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

(in tonnes of carbon dioxide equivalent)

(No response)

#### Total Corporate GHG Emissions for 2015: 302.5 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 requirementspurchase 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:

#### **Energy Efficient Retrofits**

(in tonnes of carbon dioxide equivalent (tCO2e)) (No response)

#### **Solar Thermal**

(in tonnes of carbon dioxide equivalent (tCO2e)) (No response)

#### Household Organic Waste Composting

(in tonnes of carbon dioxide equivalent (tCO2e)) 306.5

#### **Low Emission Vehicles**

(in tonnes of carbon dioxide equivalent (tCO2e))

(No response)

#### **Avoided Forest Conversion**

(in tonnes of carbon dioxide equivalent (tCO2e)) (No response)

#### 2015 OPTION 1 REDUCTIONS = 306.5 tCO2e

### If applicable, please report the names and 2015 GHG emissions reductions being claimed from Option 2 GHG Reduction Projects:

**Option 2 Project Name** 

GHGs Reduced (tCO2e)

(No response)

(No response)

(No response)

(No response)

(No response)

(No response)

#### 2015 OPTION 2 REDUCTIONS = 0.0 tCO2e

Offsets

If applicable, please report the number of offsets purchased from an offset provider for the 2015 reporting year.Note: Please do not include funds set aside in a climate action reserve fund.

(in tonnes of carbon dioxide equivalent (tCO2e))

(No response)

If your local government purchased offsets , please identify the name of the offset provider:

(No response)

2015 OFFSETS = tCO2e

#### 2015 REDUCTIONS AND OFFSETS = 306.5 tCO2e

#### **Corporate GHG Emissions Balance for 2015**

Your local government's Corporate GHG Emissions Balance is the difference between total corporate GHG emissions (direct + contracted emissions) and the GHG emissions reduced through GCC Option 1 and Option 2 projects and/or the purchase of offsets.

#### 2015 CORPORATE GHG EMISSIONS BALANCE: -4.0 tCO2e

### If your Corporate GHG Emissions Balance is negative or zero, your local government is carbon neutral.CONGRATULATIONS!

#### Recognition

#### 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 commitmentsLevel 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 2 - Measurement

#### **Email Address**

An email confirming that the survey was successfully submitted will be sent to the address provided in the box below.

plovegrove@parksville.ca

#### **Other Opportunities for Awards and Recognition**

In addition to the GCC's Climate Action Recognition Program, your local government may be eligible for other award and recognition programs that recognize a range of aspects related to climate action. Here is a list of some award programs, submission timelines and web links.Climate & Energy Action (CEA) Awards – The CEA awards are offered annually to a municipality or regional district implementing a project or program best integrating energy / climate planning into community planning and development, corporate operations and collaboration with public service

organizations. Submission: May.http://communityenergy.bc.ca/apply-now-for-2014-climateenergy-action-awards/UBCM Community Excellence Awards – The UBCM Community Excellence Awards program is an opportunity to showcase municipalities and regional districts who "lead the pack", take risks to innovate, establish new partnerships, question established ways of doing business and pioneer new customer service practices. One of the five categories recognized in 2015, "Leadership & Innovation, Green Initiatives", related to climate action. Submission: July.http://www.ubcm.ca/EN/main/convention/Awards/15021/community-excellence-awardsapplication.html

LG Info

#### LOCAL GOVERNMENT INFORMATION

| Variable  | Response               |
|---|------------------------|
| LOCAL GOVERNMENT INFORMATION   Name of Local Government                         | Parksville, City<br>of |
| LOCAL GOVERNMENT INFORMATION   Name of member Regional District (RD)            | Nanaimo                |
| LOCAL GOVERNMENT INFORMATION   Regional Growth Strategy (RGS) in your<br>region | Yes                    |
| LOCAL GOVERNMENT INFORMATION   Population                                       | 10,000-49,999          |

#### Submitted by:

| Variable                                   | Response                 |
|--|--------------------------|
| Submitted by:   Name                       | Pamela Lovegrove         |
| Submitted by:   Position                   | Manager of Finance       |
| Submitted by:   Telephone # (123-456-7890) | 250 954-3072             |
| Submitted by:   Email Address              | plovegrove@parksville.ca |

### This year we comined two online surveys with one in addition to other changes 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 new survey process compares to last year's process.

Neutral

# Before submitting your survey, please ensure that it is your local government's complete and final 2015 Climate Actions Survey. Please submit this survey only once.

Is this your local government's complete and final 2015 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.