

#57

**COMPLETE**

**Collector:** Email Invitation 1 (Email)  
**Started:** Tuesday, May 21, 2019 1:55:58 PM  
**Last Modified:** Tuesday, May 21, 2019 4:48:06 PM  
**Time Spent:** 02:52:08  
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## Page 2: LOCAL GOVERNMENT INFORMATION

**Q1** Name of Local Government **Regional District of Central Okanagan**

**Q2** Name of member Regional District **Central Okanagan**

**Q3** Regional Growth Strategy (RGS) in your region **Yes**

**Q4** Population **100,000+**

**Q5** Submitted by

**Name** **Mareike Mimi Miller**  
**Position** **Asset Management Analyst**  
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## Page 3: BROAD PLANNING ACTIONS

**Q6** Community-Wide Broad Planning Actions Taken in 2018

1. **Partnered with member municipalities and Westbank First Nation to implement the Regional Growth Strategy.**

**Q7** Additional Community-Wide Broad Planning Actions Taken in 2018 (Optional - separate each reported action with a "\") **Respondent skipped this question**

**Q8** Community-Wide Broad Planning Actions Proposed for 2019

- |    |   |
|----|---|
| 1. | <b>Partnering with member municipalities and Westbank First Nation to implement the Regional Growth Strategy.</b> |
|----|---|
- 

**Q9** Corporate Broad Planning Actions Taken in 2018

- |    |   |
|----|---|
| 1. | <b>Continued development of a corporate asset management program.</b> |
|----|---|
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<b>Q10</b> Additional Corporate Broad Planning Actions Taken in 2018(Optional - separate each reported action with a "\")	<b>Respondent skipped this question</b>
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**Q11** Corporate Broad Planning Actions Proposed for 2019

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|----|--|
| 1. | <b>Participate in implementation of the Climate Action Initiative's Okanagan Region Adaptation Strategies.</b> |
| 2. | <b>Continue building on the corporate asset management program.</b>  |
| 3. | <b>Budget for Official Community Plan / Rural Land Use Bylaw Review.</b>                                       |
| 4. | <b>Finalize and endorse the Regional District of Central Okanagan 2019- 2022 Strategic Plan.</b>               |
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**Q12** What is (are) your current GHG reduction target(s)?

33% reduction by 2020 from 2007 levels. 80% reduction by 2050 from 2007 levels.

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<b>Q13</b> Are you familiar with your local government's community energy and emissions inventory (e.g. CEEI or another inventory)?	<b>No</b>
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<b>Q14</b> What plans, policies or guidelines govern the implementation of climate mitigation in your community?	<b>Official Community Plan , Regional Growth Strategy</b>
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<b>Q15</b> Does your local government have a corporate GHG reduction plan?	<b>No</b>
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## 2018 CARIP Climate Action/Carbon Neutral Progress Survey

**Q16** Community-Wide Building and Lighting Actions Taken in 2018

Respondent skipped this question

**Q17** Additional Community-Wide Building and Lighting Actions Taken in 2018(Optional - separate each reported action with a "\")

Respondent skipped this question

**Q18** Community-Wide Building and Lighting Actions Proposed for 2019

Respondent skipped this question

**Q19** Corporate Building and Lighting Actions Taken in 2018

- |    |   |
|----|---|
| 1. | LED lighting upgrade - administrative building parking lot          |
| 2. | Supply and install LED lighting in Ellison and Joe Rich Fire Halls. |
| 3. | HVAC upgrades at Mission Creek Park.                                |

**Q20** Additional Corporate Building and Lighting Actions Taken in 2018 (Optional - separate each reported action with a "\")

Respondent skipped this question

**Q21** Corporate Building and Lighting Actions Proposed for 2019

- |    |  |
|----|--|
| 1. | Upgrade electrical system in Wilson's Landing Fire Hall.   |
| 2. | Submitted a grant application for energy efficiency upgrades to the Westside Wastewater Treatment Plant. Upgrades include new energy efficient turbo blowers and LED lighting. |
| 3. | Provide FortisBC "New Home program" rebates information to building permit and planning customers. Rebates promote building a high-performance energy-efficient home.          |

**Q22** Is your local government aware of the BC Energy Step Code?

Yes

**Q23** Is your local government planning on implementing the BC Energy Step Code?

Yes

## 2018 CARIP Climate Action/Carbon Neutral Progress Survey

**Q24** Community-Wide Energy Generation Actions Taken in 2018 **Respondent skipped this question**

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**Q25** Additional Community-Wide Energy Generation Actions Taken in 2018(Optional - separate each reported action with a "\") **Respondent skipped this question**

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**Q26** Community-Wide Energy Generation Actions Proposed for 2019 **Respondent skipped this question**

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**Q27** Corporate Energy Generation Actions Taken in 2018 **Respondent skipped this question**

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**Q28** Additional Corporate Energy Generation Actions Taken in 2018 (Optional - separate each reported action with a "\") **Respondent skipped this question**

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**Q29** Corporate Energy Generation Actions Proposed for 2019

1. **Submit a grant application for a feasibility assessment of heat recovery works at the Westside Wastewater Treatment Plant.**

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**Q30** Is your local government developing or constructing a **none of the above**

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**Q31** Is your local government operating a **none of the above**

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**Q32** Is your local government connected to a district energy system that is operated by another energy provider? **No**

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**Q33** Are you familiar with the 2018 List of Funding Opportunities for Clean Energy Projects Led by First Nations and Local Governments? **Yes**

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**Q34** Community-Wide Greenspace Actions Taken in 2018

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|----|--|
| 1. | Partnered with Okanagan Collaborative Conservation Program (OCCP) and other jurisdictions on the Okanagan Lake Management Plan.  |
| 2. | Collaborated with the OCCP and partners to support the Bio-Diversity Conservation Strategy.  |
| 3. | Worked collaboratively with OCCP, UBCO and partners to support Planning for Ecosystem Connectivity Corridors by offering mapping support, professional expertise, and participating on action teams. |
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**Q35** Does your local government have policies, plans or programs to support local food production? **Yes**

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**Q36** Additional Community-Wide Greenspace Actions Taken in 2018 (Optional - separate each reported action with a "\") **Respondent skipped this question**

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**Q37** Community-Wide Greenspace Actions Proposed for 2019

- |    |  |
|----|--|
| 1. | Continue to encourage the use of best management practices for property owners along the shoreline of Okanagan Lake.   |
| 2. | Work with the Okanagan Collaborative Conservation Program (OCCP) and partners to support the Bio-Diversity Conservation Strategy.  |
| 3. | Work with the OCCP, UBCO and partners to support Planning for Ecosystem Connectivity Corridors.  |
| 4. | Work with partners to implement the recommendations of the Foreshore Inventory and Mapping Report, including outreach activities, guideline development and protection of environmentally sensitive areas. |
| 5. | Collaborate on implementation of the Okanagan Wetland Strategy.  |
-

**Q38 Corporate Greenspace Actions Taken in 2018**

- |    |   |
|----|---|
| 1. | Continued with watershed improvements, stream restoration and enhancement work.   |
| 2. | Collaborated with the OBWB and the OCCP on implementation of the Okanagan Wetland Strategy.   |
| 3. | Applied for and received a Forest, Lands, Natural Resource Operations and Rural Development 'Invasive Plant' grant for three years (2018, 2019, and 2020). The grant provides financial resources for public education and the Noxious Weeds Program. |
| 4. | Collaborate with BC Regional Weed Coordinators, the Invasive Plant Council and other provincial agencies on invasive plant management and education.  |

**Q39 Additional Corporate Greenspace Actions Taken in 2018 (Optional - separate each reported action with a "\")**

Respondent skipped this question

**Q40 Corporate Greenspace Actions Proposed for 2019**

- |    |   |
|----|---|
| 1. | Continue with watershed improvements, stream restoration and enhancement work.  |
| 2. | Update Hazard Development Permit Area mapping and guidelines.   |
| 3. | Conduct and update Environmental Inventories and Mapping.   |
| 4. | Proposed update to RDCO Parks Operational Wildfire Protection Plan (OWPP)   |
| 5. | Continue to educate public on invasive weeds by attending community events (Fat Cat Festival, Kelowna Block Party and schools (weed pulls). |

**Q41 Does your local government have urban forest policies, plans or programs?**

Yes

Page 7: SOLID WASTE ACTIONS

**Q42 Community-Wide Solid Waste Actions Taken in 2018**

- |    |  |
|----|--|
| 1. | Composter Sale (subsidize composter cost) – 300 composters sold. |
| 2. | Planned and hosted two repair café events.                       |
| 3. | Planned and hosted two trunk sale events.                        |

**Q43** Additional Community-Wide Solid Waste Actions Taken in 2018(Optional - separate each reported action with a "\")

Respondent skipped this question

**Q44** Community-Wide Solid Waste Actions Proposed for 2019

- |    |   |
|----|---|
| 1. | Continue composting program (350 composters)          |
| 2. | Increase recycling education to reduce contamination, |
| 3. | Plan and host trunk sale and repair café events.      |

**Q45** Corporate Solid Waste Actions Taken in 2018

- |    |  |
|----|--|
| 1. | Contract for Regional Solid Waste/Recycling/Yard Waste Collection was awarded to E360S.  |
| 2. | Commercial and Residential waste monitoring continues to ensure mandatory recyclables are not ending up at the landfill.   |
| 3. | Continued with the ongoing waste reduction programs such as curbside recycling education through cart inspection program, illegal dump site monitoring, education and cleanup. |

**Q46** Additional Corporate Solid Waste Actions Taken in 2018 (Optional - separate each reported action with a "\")

Respondent skipped this question

**Q47** Corporate Solid Waste Actions Proposed for 2019

- |    |  |
|----|--|
| 1. | Single Use Plastic Reduction Review planned for 2019                                 |
| 2. | Complete implementation of recommendations in Westside Road Transfer Station Review. |

**Q48** Does your local government have construction and demolition waste reduction policies, plans or programs?

Yes

**Q49** Does your local government have organics reduction/diversion policies, plans or programs?

Yes

**Q50** Community-Wide Transportation Actions Taken in 2018

- |    |   |
|----|---|
| 1. | <b>Collaborated with member municipalities and Westbank First Nation on the Sustainable Transportation Partnership of the Central Okanagan (STPCO).</b> |
|----|---|

**Q51** Additional Community-Wide Transportation Actions Taken in 2018 (Optional - separate each reported action with a "\")

**Respondent skipped this question**

**Q52** Community-Wide Transportation Actions Proposed for 2019

- |    |   |
|----|---|
| 1. | <b>Continue collaboration with regional partners on the Sustainable Transportation Partnership of the Central Okanagan (STPCO).</b> |
|----|---|

**Q53** Corporate Transportation Actions Taken in 2018

- |    |  |
|----|--|
| 1. | <b>Purchased an electric truck to decrease the environmental footprint of Regional Parks operation and maintenance activities.</b> |
|----|--|

**Q54** Additional Corporate Transportation Actions Taken in 2018 (Optional - separate each reported action with a "\")

**Respondent skipped this question**

**Q55** Corporate Transportation - Actions Proposed for 2019

- |    |   |
|----|---|
| 1. | <b>Continue adding energy efficient vehicles to the RDCO fleet.</b> |
|----|---|

**Q56** Does your local government have policies, plans or programs to support:

**Walking,  
Cycling,  
Transit Use**

**Q57** 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**

**Q58** Does your local government integrate its transportation and land use planning?

**Yes**



Page 9: WATER AND WASTEWATER ACTIONS

**Q59** Community-Wide Water and Wastewater Actions Taken in 2018

- |    |  |
|----|--|
| 1. | <b>Partnered with Okanagan Basin Water Board to sell rain barrels during composter sale (150 rain barrels sold).</b> |
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- 

<b>Q60</b> Additional Community-Wide Water and Wastewater Actions Taken in 2018(Optional - separate each reported action with a "\")	<b>Respondent skipped this question</b>
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**Q61** Community-Wide Water and Wastewater Actions Proposed for 2019

- |    |  |
|----|--|
| 1. | <b>Continue to partner with OBWB to sell rain barrels (200 rain barrels)</b> |
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- 

**Q62** Corporate Water and Wastewater Actions Taken in 2018

- |    |   |
|----|---|
| 1. | <b>Updated the RDCO Water conservation Plan.</b>  |
| 2. | <b>Complete a source control education program with the public to reduce the amount of unacceptable materials and chemicals from being discharged into the sanitary sewer. A series of four videos were developed to create awareness of the issues and provide simple and effective solutions.</b> |
| 3. | <b>Completed the Falcon Ridge water treatment and distribution improvements for sustainable service delivery.</b>   |
| 4. | <b>Completed the Westshore Estates Water System reservoir replacements to increase storage, improve water quality, and reduce unaccounted water.</b>  |
| 5. | <b>Ongoing leak detection program</b>   |
- 

**Q63** Additional Corporate Water and Wastewater Actions Taken in 2018 (Optional - separate each reported action with a "\")

Year round outdoor irrigation restrictions are in place for water system customers. /  
RDCO Water Talk Newsletter provided to water system customer. Newsletter includes conservation tips and capital projects updates. /  
Participated in the National Water & Wastewater Benchmarking Initiative.

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**Q64** Corporate Water and Wastewater Actions Proposed for 2019

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|----|---|
| 1. | Updated water fees to account for asset replacement and to financially sustain water system operation.                |
| 2. | Updated sewer fees to account for asset replacement and to financially sustain sewer system operation.                |
| 3. | Installation of additional sample stations in Westshore Estates Water System for additional water quality monitoring. |
| 4. | Continue participation in the National Water & Wastewater Benchmarking Initiative.                                    |

**Q65** Does your local government have water conservation policies, plans or programs?

Yes

Page 10: CLIMATE CHANGE ADAPTATION ACTIONS

**Q66** Please identify the THREE climate impacts that are most relevant to your Local Government

Changes to temperature and precipitation causing seasonal drought  
,  
Increased temperatures affecting reducing air quality,  
Extreme weather events contributing to urban and overland flooding

**Q67** In 2018 has your local government addressed the impacts of a changing climate using any of the following?

Emergency Response Planning ,  
Infrastructure Upgrades (e.g. stormwater system upgrades)  
,  
Public Education and Awareness ,  
Mapping,  
Partnerships,  
Asset Management

**Q68** Climate Change Adaptation Actions Taken in 2018  
Please elaborate on (as identified above or add new) key actions and/or partnerships your local government has engaged in to prepare for, and adapt to changing climate. Add links to key documents and information where appropriate.

Respondent skipped this question

**Q69** Climate Change Adaptation Actions Proposed for 2019

1.	<b>Collaborate with RDNO and RDOS on Climate Projections Reporting Project.</b>
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**Q70** For more information please contact

Respondent skipped this question

**Q71** The following are key resources that may be helpful to your local government in identifying climate impacts, as well as, strategies, actions and funding to deal with them. For those resources that you have used, please indicate whether they were useful in advancing your work in climate change adaptation.

National Disaster Mitigation Program (NDMP)	<b>Useful</b>
Community Emergency Preparedness Fund (CEPF)	<b>Useful</b>
Climate Adaptation Partner Grants (FCM)	<b>Useful</b>
Infrastructure Planning Grants (MAH)	<b>Useful</b>
Federal Gas Tax Fund	<b>Useful</b>

## Page 11: OTHER CLIMATE ACTIONS

**Q72** Community-Wide Other Actions Taken in 2018

Respondent skipped this question

**Q73** Corporate Other Actions Taken in 2018

Respondent skipped this question

**Q74** Are you familiar with the Community Lifecycle Infrastructure Costing Tool (CLIC)?**Yes****Q75** Is your local government using the CLIC tool?**No**

## Page 12: INNOVATION AND PEER LEARNING

**Q76** Community-Wide Innovation Action

Respondent skipped this question

**Q77** Corporate Innovation Action

Respondent skipped this question

**Q78** For more information on actions described above contact

Respondent skipped this question

**Q79 Mitigation Programs, Partnerships and Funding**

- The Government of Canada, the Province of British Columbia, and the Union of BC Municipalities – Community Works Fund
  - National Disaster Mitigation Program (NDMP) Grant
  - Union of British Columbia Municipalities – Community Emergency Preparedness Fund (CEPF)
  - Okanagan Basin Water Board – Water Conservation and Quality Improvement Program.
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**Q80 Adaptation Programs, Partnerships and Funding**

- The Union of BC Municipalities (UBCM) – Asset Management Planning Program Grant
  - The Federation of Canadian Municipalities (FCM) – Municipal Asset Management Program (MAMP)
  - The Government of Canada, the Province of British Columbia, and the Union of BC Municipalities – Community Works Fund
  - Okanagan Basin Water Board (OBWB) – Climate Resilient Landscaping Grant
  - Ministry of Municipal Affairs and Housing - Infrastructure Planning Grant Program
  - Government of Canada – Enabling Accessibility Fund
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Page 13: CARBON NEUTRAL REPORTING

**Q81** Did your local government measure corporate GHG emissions for 2018? **Yes**

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**Q82** If your local government measured 2018 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)

726 tCO<sub>2</sub>s

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**Q83** If your local government measured 2018 corporate GHG emissions, please report the number of corporate GHG emissions from contracted services (in tonnes of carbon dioxide equivalent)

546 tCO<sub>2</sub>e

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**Q84** Total A: Corporate GHG emissions for 2018 (Direct GHGs + Contracted GHGs)

1272 tCO<sub>2</sub>e

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Page 14: REPORTING REDUCTIONS AND OFFSETS

**Q85** Energy Efficient Retrofits(in tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e))

Respondent skipped this question

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**Q86** Solar Thermal(in tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e))

Respondent skipped this question

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## 2018 CARIP Climate Action/Carbon Neutral Progress Survey

<b>Q87</b> Household Organic Waste Composting(in tonnes of carbon dioxide equivalent (tCO <sub>2</sub> e))	Respondent skipped this question
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<b>Q88</b> Low Emission Vehicles(in tonnes of carbon dioxide equivalent (tCO <sub>2</sub> e))	Respondent skipped this question
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<b>Q89</b> Avoided Forest Conversion(in tonnes of carbon dioxide equivalent (tCO <sub>2</sub> e))	Respondent skipped this question
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<b>Q90</b> Total B: Reductions from all Option 1 Projects for 2018	Respondent skipped this question
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<b>Q91</b> If applicable, please report the names and 2018 GHG emissions reductions (in tonnes of carbon dioxide equivalent (tCO <sub>2</sub> e)) being claimed from Option 2 GHG Reduction Projects	Respondent skipped this question
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<b>Q92</b> Total C: Reductions from all Option 2 Projects for 2018	Respondent skipped this question
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<b>Q93</b> If applicable, please report the name of offset provider, type of project and number of offsets purchased (in tonnes of carbon dioxide equivalent (tCO <sub>2</sub> e)) from an offset provider for the 2018 reporting year. Note: Please do not include funds that may be set aside in a climate action reserve fund.	Respondent skipped this question
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<b>Q94</b> Total D: Offsets purchased for 2018	Respondent skipped this question
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<b>Q95</b> TOTAL REDUCTIONS AND OFFSETS FOR 2018 (Total B+C+D)= tCO <sub>2</sub> e	Respondent skipped this question
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**Q96** Corporate GHG Emissions balance for 2018 = (A- (B+C+D) = tCO<sub>2</sub>e

1272 tCO<sub>2</sub>e

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<b>Q97</b> If your local government was carbon neutral in 2018, please record any emissions reductions you will be carrying over for future years and the source of the reductions, including the year they were earned (e.g. organics diversion, 2018 100 tCO <sub>2</sub> e)	Respondent skipped this question
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## 2018 CARIP Climate Action/Carbon Neutral Progress Survey

**Q98** Balance of reductions eligible for carry over to the next year (tCO2e)(total of emissions reductions identified above)

Respondent skipped this question

**Q99** Does your local government set aside funds in a climate reserve fund or something similar?

No

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### Page 15: GREEN COMMUNITIES CLIMATE ACTION RECOGNITION PROGRAM

**Q100** Based on your local government's 2018 Climate Action/Carbon Neutral Progress Survey, please check the GCC Climate Action Recognition Program level that best applies

Level 2 - Measuring GHG Emissions

**Q101** Related to Level 3 recognition, if applicable, please identify any new or ongoing corporate or community-wide GHG reduction projects (other than an Option 1 or Option 2 project) undertaken by your local government that reflects a significant investment of time and/or financial resources and is intended to result in significant GHG reductions (e.g. project name)

Respondent skipped this question