

2016 CARIP Climate Action/Carbon Neutral Progress Survey

#63

COMPLETE



Collector: Email Invitation 5 (Email)

Started: Wednesday, May 10, 2017 11:56:13 AM

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Time Spent: Over a week

Email: slafrance@slrd.bc.ca

PAGE 2: LOCAL GOVERNMENT INFORMATION

Q1: Name of Local Government	Squamish-Lillooet Regional District
Q2: Name of member Regional District	Squamish-Lillooet
Q3: Regional Growth Strategy (RGS) in your region	Yes
Q4: Population	10,000 - 49,999
Q5: Submitted by:	
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Position	Director of Finance
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PAGE 3: BROAD PLANNING ACTIONS

Q6: 2016 Community-Wide Broad Planning Actions	
1.	Review and update of RGS towards Smart Growth principles
2.	Started update to Area C Zoning bylaw & Official Community Plan with new development permit area for water, energy & GHG
Q7: Additional 2016 Community-Wide Broad Planning (Optional - separate each reported action with a "\")	Respondent skipped this question
Q8: Community-Wide Broad Planning - Actions Proposed for 2017	
1.	Continued update of RGS
2.	Continued Area C OCP review
Q9: 2016 Corporate Broad Planning Actions	Respondent skipped this question
Q10: Additional 2016 Corporate Broad Planning Actions(Optional - separate each reported action with a "\")	Respondent skipped this question
Q11: Corporate Broad Planning - Actions Proposed for 2017	Respondent skipped this question

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Q12: What is(are) your current GHG reduction target(s)?	none
Q13: Has your local government used the Community Energy and Emissions Inventory (CEEI) to measure progress?	Yes
Q14: What plans, policies or guidelines govern the implementation of climate mitigation in your community?	Community Energy and Emissions Plan , Integrated Community Sustainability Plan, Official Community Plan (OCP) , Regional Growth Strategy
Q15: Does your local government have a corporate GHG reduction plan?	No
Q16: Does your local government set aside funds in a climate reserve fund or something similar?	Yes

PAGE 4: BUILDING AND LIGHTING ACTIONS

Q17: 2016 Community-Wide Building and Lighting Actions	
1.	Swapping bulbs and ballasts to LED at the Pemberton Community Centre and Devine transfer station
2.	Reviewed ability to retrofit existing streetlights with LED lighting
Q18: Additional Community-Wide Building and Lighting Actions (Optional - separate each reported action with a "\")	<i>Respondent skipped this question</i>
Q19: Community-Wide Building and Lighting - Actions Proposed for 2017	<i>Respondent skipped this question</i>
Q20: 2016 Corporate Building and Lighting Actions	
1.	BC Hydro Power Smart assessment at multiple locations recommending energy efficient lighting
Q21: Additional 2016 Corporate Building and Lighting Actions (Optional - separate each reported action with a "\")	<i>Respondent skipped this question</i>
Q22: Corporate Building and Lighting - Actions Proposed for 2017	
1.	SLRD office lights switch to energy efficient lighting

PAGE 5: ENERGY GENERATION ACTIONS

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Q23: 2016 Community-Wide Energy Generation Actions

- | | |
|----|---|
| 1. | Feasibility studies for the potential to install solar panels to the Furry Creek and Britannia Beach sewer plants |
|----|---|

Q24: Additional 2016 Community-Wide Energy Generation Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q25: Community-Wide Energy Generation - Actions Proposed for 2017

- | | |
|----|--|
| 1. | Installing solar panels at Britannia Beach Sewer plant |
|----|--|

Q26: 2016 Corporate Energy Generation Actions

Respondent skipped this question

Q27: Additional 2016 Corporate Energy Generation Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q28: Corporate Energy Generation - Actions Proposed for 2017

Respondent skipped this question

Q29: Is your local government developing or constructing...

None of the above

Q30: Is your local government operating...

None of the above

Q31: Is your local government connected to a district energy system that is operated by another energy provider?

No

Q32: Are you aware of the Integrated Resource Recovery guidance page on the BC Climate Action Toolkit?

Yes

PAGE 6: GREENSPACE/NATURAL RESOURCE PROTECTION ACTIONS

Q33: 2016 Community-Wide Greenspace Actions

- | | |
|----|--|
| 1. | Hosted annual Bio Blitz research project at Riverside Park, identifying and recording rare and new species within the wetland park. |
| 2. | Planted over 260 native, water-wise trees and plants at Gates Lake park. |
| 3. | Started phase 2 of the Pemberton Community Centre Nature Play Park to expand the opportunities for children to play and learn about the environment. |

Q34: Additional 2016 Community-Wide Greenspace Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

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Q35: Community-Wide Greenspace - Actions Proposed for 2017

- | | |
|----|--|
| 1. | Continuing with Phase 2 of the Pemberton Community Centre Nature Play Park. |
| 2. | Riverside park management plan which identifies conservation as the key priority for Riverside Park. |

Q36: 2016 Corporate Greenspace Actions

Respondent skipped this question

Q37: Additional 2016 Corporate Greenspace Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q38: Corporate Greenspace - Actions Proposed for 2017

Respondent skipped this question

Q39: Does your local government have urban forest policies, plans or programs?

No

PAGE 7: SOLID WASTE ACTIONS

Q40: 2016 Community-Wide Solid Waste Actions

- | | |
|----|---|
| 1. | Continuing to improve accessibility to organic waste management and recycling |
| 2. | Implemented GHG emission monitoring in the Solid Waste & Resource Management Plan |

Q41: Additional 2016 Community-Wide Solid Waste Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q42: Community-Wide Solid Waste - Actions Proposed for 2017

- | | |
|----|--|
| 1. | Working to establish a re-build it centre at Lillooet Landfill |
| 2. | Begin GHG emission monitoring at landfill |
| 3. | Curbside organics collection in Britannia and Furry Creek |
| 4. | Community Consultation for curbside collection of garbage/recycling/organics in Pemberton/Area C |

Q43: 2016 Corporate Solid Waste Actions

- | | |
|----|--|
| 1. | Waste Reduction Educator performed community education |
|----|--|

Q44: Additional 2016 Corporate Solid Waste Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

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Q45: Corporate Solid Waste - Actions Proposed for 2017

- | | |
|----|---|
| 1. | Waste Reduction Educator continues to provide community education |
| 2. | Conduct a survey on which to build an education campaign and clean-up program for illegal dumping |
| 3. | Build sustainable event guidelines |

Q46: Does your local government have construction and demolition waste reduction policies, plans or programs?

Yes

Q47: Does your local government have organics reduction/diversion policies, plans or programs?

Yes

PAGE 8: TRANSPORTATION ACTIONS

Q48: 2016 Community-Wide Transportation Actions

- | | |
|----|---|
| 1. | Continued planning and constructing of the Sea-to-Sky trails. |
|----|---|

Q49: Additional 2016 Community-Wide Transportation Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q50: Community-Wide Transportation- Actions Proposed for 2017

- | | |
|----|---|
| 1. | Continued planning and constructing of the Sea-to-Sky trails. |
| 2. | Start construction of Highway 99 trail in Pemberton to provide a safe, linear active transportation route between Pemberton Fringe and Pemberton Village. |
| 3. | Friendship Trail linking Highway 99 Trail to Mt. Currie |

Q51: 2016 Corporate Transportation Actions

- | | |
|----|-----------------------------|
| 1. | Promoted bike to work week. |
|----|-----------------------------|

Q52: Additional 2016 Corporate Transportation Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q53: Corporate Transportation - Actions Proposed for 2017

- | | |
|----|----------------------------|
| 1. | Promote bike to work week. |
|----|----------------------------|

Q54: Does your local government have policies, plans or programs to support:

Walking, Cycling, Transit

Q55: 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

Q56: Does your local government have policies, plans or programs to support local food production? (Thus reducing transportation emissions) Yes

PAGE 9: WATER AND WASTEWATER

Q57: 2016 Community-Wide Water and Wastewater Actions

- | | |
|----|--|
| 1. | installed more efficient ground water well pump monitors in Devine |
| 2. | Pemberton North water system water metering feasibility study |

Q58: Additional 2016 Community-Wide Water and Wastewater Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q59: Community-Wide Water and Wastewater - Actions Proposed for 2017

- | | |
|----|--|
| 1. | Undertake review to install more water meters in more communities |
| 2. | Install a wastewater collections system upgrade and secondary treatment in Bralorne to have a compliant and efficient wastewater system |
| 3. | Plan to install low flow toilet valves and faucet aerators in the corp office bathrooms |
| 4. | Install a secondary level wastewater treatment plant in Pinecrest to have a compliant and efficient wastewater system – Construction 2017/2018 |

Q60: 2016 Corporate Water and Wastewater Actions

Respondent skipped this question

Q61: Additional 2016 Corporate Water and Wastewater Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q62: Corporate Water and Wastewater - Actions Proposed for 2017

Respondent skipped this question

Q63: Does your local government have water conservation policies, plans or programs?

Yes

PAGE 10: CLIMATE CHANGE ADAPTATION ACTIONS

Q64: 2016 Climate Change Adaptation Actions

- | | |
|----|---|
| 1. | SLRD-supported community FireSmart program. |
| 2. | Floodplain mapping/hydraulic modelling to address changes in river systems |
| 3. | Updated hazard vulnerability, and risk assessment to include predicted climate change outcomes. |
| 4. | Updated Emergency Management plan to include climate change-related risks. |
| 5. | Forest fuel management / interface wildfire risk reduction in all electoral areas. |

Q65: Additional 2016 Climate Change Adaptation Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q66: Climate Change Adaptation - Actions Proposed for 2017

- | | |
|----|--|
| 1. | SLRD-supported community FireSmart program. |
| 2. | Forest fuel management / interface wildfire risk reduction in electoral areas continued. |

Q67: Resources you have used to support climate change adaptation (e.g. Plan2Adapt, Preparing for Climate Change: Implementation Guide)

Respondent skipped this question

Q68: In 2016 did you consider climate change impacts in any of the following areas?

Risk reduction strategies,
 Risk and vulnerability assessment,
 Infrastructure upgrades (e.g. stormwater systems upgrades)
 ,
 Emergency response planning,
 Land-use policy changes (eg. OCP, DPA)

PAGE 11: OTHER CLIMATE ACTIONS
Q69: 2016 Community-Wide Other Actions

Respondent skipped this question

Q70: 2016 Corporate Other Actions

Respondent skipped this question

Q71: Are you familiar with the Community Lifecycle Infrastructure Costing Tool (CLIC)?

Yes

Q72: Have you used the CLIC?

No

PAGE 12: INNOVATION AND PEER LEARNING

Q73: Community - Wide Innovation*Respondent skipped this question***Q74: Corporate Innovation***Respondent skipped this question***Q75: Programs, Partnerships and Funding**

Gas Tax Community Works Fund - Canada, British Columbia and UBCM / Gas Tax Regionally Significant Projects Fund - Canada, British Columbia and UBCM / Community Energy Leadership Program (CELP) – Province of British Columbia / Clean Water and Wastewater Fund - Province of British Columbia / BC Rural Dividend Fund - Ministry of Forest Lands and Natural Resource Operations / SWPI Program - UBCM / Canada 150 Community Infrastructure Program / Federation of Canadian Municipalities - Green Municipal Fund

PAGE 13: 2016 CARBON NEUTRAL REPORTING**Q76: Did you measure your local government's corporate GHG emissions in 2016?**

Yes

Q77: If your local government measured 2016 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):

53.25

Q78: If your local government measured 2016 corporate GHG emissions, please report the number of corporate GHG emissions from contracted services (in tonnes of carbon dioxide equivalent):

59.75

Q79: Total A: Corporate GHG emissions for 2016 (Direct GHGs + Contracted GHGs)

113

PAGE 14: REPORTING REDUCTIONS AND OFFSETS**Q80: Energy Efficient Retrofits(in tonnes of carbon dioxide equivalent (tCO2e))***Respondent skipped this question***Q81: Solar Thermal(in tonnes of carbon dioxide equivalent (tCO2e))***Respondent skipped this question***Q82: Household Organic Waste Composting(in tonnes of carbon dioxide equivalent (tCO2e))**

105.3

Q83: Low Emission Vehicles(in tonnes of carbon dioxide equivalent (tCO2e))*Respondent skipped this question***Q84: Avoided Forest Conversion(in tonnes of carbon dioxide equivalent (tCO2e))***Respondent skipped this question***Q85: Total B: Reductions from all Option 1 Projects for 2016**

105.3

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Q86: If applicable, please report the names and 2016 GHG emissions reductions being claimed from Option 2 GHG Reduction Projects:

Respondent skipped this question

Q87: Total C: Reductions from all Option 2 Projects for 2016

Respondent skipped this question

Q88: If applicable, please report the name of offset provider and the number of offsets purchased for the 2016 reporting year. Note: Please do not include funds set aside in a climate action reserve fund.

Offset Provider Name

Cheakamus Community Forest Society

Offsets (tCO₂e)

381

Q89: Total D: Offsets purchased for 2016

381

Q90: TOTAL REDUCTIONS AND OFFSETS FOR 2016 (Total B+C+D)

486.3

Q91: Corporate GHG Emissions balance for 2016 = (A-(B+C+D)) =

-373.3

PAGE 15: RECOGNITION

Q92: Based on your local government's 2016 Climate Action/Carbon Neutral Progress Survey, please check the GCC Climate Action Recognition Program level that best applies:

Level 4 - Achievement of Carbon Neutrality

Q93: 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.

Respondent skipped this question