

#157



COMPLETE

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PAGE 2: LOCAL GOVERNMENT INFORMATION

Q1: Name of Local Government	Courtenay, The Corporation of the City of
Q2: Name of member Regional District	Comox Valley
Q3: Regional Growth Strategy (RGS) in your region	Yes
Q4: Population	10,000 - 49,999
Q5: Submitted by:	
Name	Ian Buck
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PAGE 3: BROAD PLANNING ACTIONS

Q6: 2016 Community-Wide Broad Planning Actions	
1.	Adopted "Downtown Courtenay Playbook: A Partnership Action Plan" (September)
Q7: Additional 2016 Community-Wide Broad Planning (Optional - separate each reported action with a "\")	<i>Respondent skipped this question</i>
Q8: Community-Wide Broad Planning - Actions Proposed for 2017	
1.	Continue work on infill study to support increased densities
2.	Begin implementation of Downtown Courtenay Playbook: A Partnership Action Plan
Q9: 2016 Corporate Broad Planning Actions	
1.	Implemented phase 1 of Building Energy Reduction capital projects identified by large scale 2015 Facilities Energy Audit
Q10: Additional 2016 Corporate Broad Planning Actions(Optional - separate each reported action with a "\")	<i>Respondent skipped this question</i>

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Q11: Corporate Broad Planning - Actions Proposed for 2017

1. Will implement phase 2 of Building Energy Reduction capital projects identified by large scale 2015 Facilities Energy Audit

Q12: What is(are) your current GHG reduction target(s)? reduce community wide GHG 20% below 2007 levels by 2020

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? Regional Growth Strategy

Q15: Does your local government have a corporate GHG reduction plan? Yes

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 *Respondent skipped this question*

Q18: Additional Community-Wide Building and Lighting Actions (Optional - separate each reported action with a "\") *Respondent skipped this question*

Q19: Community-Wide Building and Lighting - Actions Proposed for 2017 *Respondent skipped this question*

Q20: 2016 Corporate Building and Lighting Actions

1. Phase 1 Theatrical lighting conversion to LED – Sid Williams Theatre

Q21: Additional 2016 Corporate Building and Lighting Actions (Optional - separate each reported action with a "\") *Respondent skipped this question*

Q22: Corporate Building and Lighting - Actions Proposed for 2017

1. Memorial Pool – High efficiency boiler replacement and ASHP install.

2. Centre for Arts and Library – re-commissioning of BAS system.

3. Filberg Centre And Native Sons Hall – Stove pilot light conversion to piezo ignition; dampers on exhaust hoods, envelope sealing..

4. City Hall – Insulation upgrade w/roof replacement; High efficiency RTU replacement.

5. Phase 2 Theatrical lighting conversion to LED – Sid Williams Theatre

PAGE 5: ENERGY GENERATION ACTIONS

Q23: 2016 Community-Wide Energy Generation Actions	<i>Respondent skipped this question</i>
Q24: Additional 2016 Community-Wide Energy Generation Actions (Optional - separate each reported action with a "\")	<i>Respondent skipped this question</i>
Q25: Community-Wide Energy Generation - Actions Proposed for 2017	<i>Respondent skipped this question</i>
Q26: 2016 Corporate Energy Generation Actions	<i>Respondent skipped this question</i>
Q27: Additional 2016 Corporate Energy Generation Actions (Optional - separate each reported action with a "\")	<i>Respondent skipped this question</i>
Q28: Corporate Energy Generation - Actions Proposed for 2017	<i>Respondent skipped this question</i>
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.	Completed public and stakeholder consultation on new tree bylaw
2.	Created tree planting reserve fund for planting trees on public lands
Q34: Additional 2016 Community-Wide Greenspace Actions (Optional - separate each reported action with a "\")	<i>Respondent skipped this question</i>
Q35: Community-Wide Greenspace - Actions Proposed for 2017	
1.	Adopt new tree bylaw (May)
2.	Begin consultation on an Urban Forest Management Plan

2016 CARIP Climate Action/Carbon Neutral Progress Survey

Q36: 2016 Corporate Greenspace Actions

1. Green Shores restoration at Sandpiper/Millard Lookout and along the Riverway Trail (protection of the shoreline from future erosion)
2. Tree planting at Cousins Park (community forest/Riparian protection) 1500 native trees and riparian area plantings to protect riparian area and enhance tree canopy
3. Rotary Riverside Trail Project – Trail rehabilitation to address bank stabilization (Riparian area protection)
4. BC 150 Grove Park – planting of 300 native trees (community forest)

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

Full inventory and asset condition assessment of all parks, greenways and trails
Completed Cemetery Master Plan

Q38: Corporate Greenspace - Actions Proposed for 2017

1. Partner with Project Watershed in Simms Park Channel Restoration (improvement of fish habitat and riparian area)

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

Yes

PAGE 7: SOLID WASTE ACTIONS

Q40: 2016 Community-Wide Solid Waste Actions

1. Participate in region-wide organic waste diversion program design

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. Participate in region-wide organic waste diversion program

Q43: 2016 Corporate Solid Waste Actions

1. Curbside - Public Awareness Campaign – Recycling Contamination Reduction
2. Implement "OOPS Stickers"
3. City Hall office paper recycling program
4. Designed digital timesheets and payroll statements
5. Continued organics diversion program in City Hall

2016 CARIP Climate Action/Carbon Neutral Progress Survey

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

Respondent skipped this question

Q45: Corporate Solid Waste - Actions Proposed for 2017

- | | |
|----|---|
| 1. | Multifamily - Public Awareness Campaign – Recycling Contamination Reduction |
| 2. | Working with property managers/building owners, have reference list of acceptable/non acceptable material posted in a common area within the complex. |
| 3. | Continue office paper recycling program |
| 4. | Introduced digital timesheets and payroll statements |
| 5. | Continued organics diversion program in City Hall |

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

No

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

No

PAGE 8: TRANSPORTATION ACTIONS

Q48: 2016 Community-Wide Transportation Actions

Respondent skipped this question

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

Respondent skipped this question

Q51: 2016 Corporate Transportation Actions

- | | |
|----|---|
| 1. | New Bike Shelter – City Hall |
| 2. | Continue Bus Shelter operating/maintenance and capital funding for Regional Transit |
| 3. | Continue annual “Bike to Work Week” in partnership with RCMP |

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. | Continue annual “Bike to Work Week” in partnership with RCMP |
| 2. | Continue Bus Shelter operating/maintenance and capital funding for Regional Transit |

2016 CARIP Climate Action/Carbon Neutral Progress Survey

Q54: Does your local government have policies, plans or programs to support:	Other (please specify) We participate in regional Transit and began the design phase of a 5-block "Complete Streets" project (funded by New Building Canada Fund grant) that will be constructed in 2018 to demonstrate concepts and methods that will inform a forthcoming City-wide Multi-modal Transportation Plan
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	<i>Respondent skipped this question</i>
Q58: Additional 2016 Community-Wide Water and Wastewater Actions (Optional - separate each reported action with a "\")	<i>Respondent skipped this question</i>
Q59: Community-Wide Water and Wastewater - Actions Proposed for 2017	<i>Respondent skipped this question</i>
Q60: 2016 Corporate Water and Wastewater Actions 1.	WASTEWATER: closed circuit TV inspections of all city owned wastewater infrastructure re: condition and infiltration assessment.
Q61: Additional 2016 Corporate Water and Wastewater Actions (Optional - separate each reported action with a "\") Designed network-wide SCADA system for installation over 2017/18	
Q62: Corporate Water and Wastewater - Actions Proposed for 2017 1. 2. 3. 4.	WATER: Develop & Implement a Eco-Initiative Program(s) - Water Conservation, Water system Leak Detection Pro-active education & Water conservation initiatives. City Ambassadors supplementing bylaw's enforcement in efforts to encourage reduction of total water consumption during heavy demand periods (summer months) within the Comox Valley. WASTEWATER: Deficient infrastructure repair or replacement in an effort to reduce infiltration of storm water into the sanitary system ultimately reducing unnecessary costs associated with treatment. Continuation of the Gravity System Inspections.

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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 *Respondent skipped this question*

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. Will participate in Phase 2 of the Municipal Natural Asset Initiative to develop an alternative plan for flood mitigation to renewal of existing dykes.

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

1. Participated in Comox Valley Conservation Partnership Eco-Asset Symposium and intend partnering with them in the Municipal Natural Asset Initiative to incorporate natural assets in flood mitigation and stormwater control.

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

Risk reduction strategies,
Risk and vulnerability assessment,
Asset management,
Infrastructure upgrades (e.g. stormwater systems upgrades)
,
Cross-department working groups,
Emergency response planning,
Ecosystem based approaches (incl. shoreline),
Research (e.g. mapping, participation in studies)

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

2016 CARIP Climate Action/Carbon Neutral Progress Survey

Q72: Have you used the CLIC? Yes

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 *Respondent skipped this question*

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):

876

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):

367

Q79: Total A: Corporate GHG emissions for 2016 (Direct GHGs + Contracted GHGs) 1243

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)) *Respondent skipped this question*

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 *Respondent skipped this question*

2016 CARIP Climate Action/Carbon Neutral Progress Survey

Q86: If applicable, please report the names and 2016 GHG emissions reductions being claimed from Option 2 GHG Reduction Projects:	<i>Respondent skipped this question</i>
Q87: Total C: Reductions from all Option 2 Projects for 2016	<i>Respondent skipped this question</i>
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.	<i>Respondent skipped this question</i>
Q89: Total D: Offsets purchased for 2016	<i>Respondent skipped this question</i>
Q90: TOTAL REDUCTIONS AND OFFSETS FOR 2016 (Total B+C+D)	<i>Respondent skipped this question</i>
Q91: Corporate GHG Emissions balance for 2016 = (A-(B+C+D) =	1243

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 2 - Measuring GHG Emissions
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.	<i>Respondent skipped this question</i>