Climate Action Revenue Incentive Plan (CARIP) Public Report

Climate Action Revenue Incentive (CARIP) Public Report for YEAR

City of Pitt Meadows a member of Metro Vancouver

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Pitt Meadows – The Natural Place

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General Information

Name of Local Government Member of Regional District (RD) Regional Growth Strategy (RGS) in region Population City of Pitt Meadows Metro Vancouver Yes 17500



Pitt Meadows Community Garden

Community Wide Actions for 2011

1.1 Measure

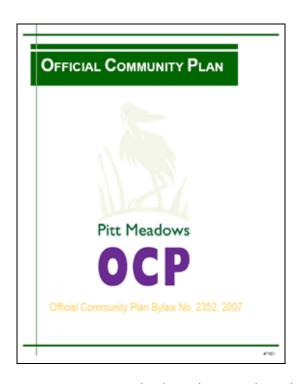
Community Wide Measurement Actions

Question		
	Have you been using the Community Energy progress? What else have you been using in	and Emissions Inventory (CEEI) to measure stead of/in addition to CEEI?
Answer	Yes, plus additional sources	
Additional Information	House Gas Emissions Plan includes a reducti http://www.pittmeadows.bc.ca/assets/Gred .pdf	sions Plan. The Corporate Energy and Green
	Pitt Meadows City of Pitt Meadows Community energy &	Pitt Meadows Corporate energy & Greenhouse gas emissions plan
	GREENHOUSE GAS EMISSIONS PLAN 2011 For the 2007 Inventory Vise HYLA	2010 100 700 2000 (1000 1000 1000 1000 1000 1000 1

1.2 Plan

Community Wide Targets

Question	
	Do your OCP(s) have targets, policies and actions to reduce GHG emissions, as per the requirements under the Local Governments Act (LGA)? If yes, please identify the targets set. If no or in progress, please comment.
Answer	Yes
Additional Information	13% by 2017 from 2007 inventories



http://www.pittmeadows.bc.ca/EN/main/business/1156/1181.html

1.3 Reduce

Supportive Community Wide Actions

Action Type	Broad Planning (e.g. creation/revision of OCPs, CEPs, transportation plans)
Actions Taken this Year	 Revision of OCP with new sustainability policies and reduction target Adoption of the Community Energy and Greenhouse Gas Emissions Plan Continued updates to Going Green section of City Web Site with various information and helpful links http://www.pittmeadows.bc.ca/EN/main/residents/31576.html
Proposed Actions for Next Year	 Implementation of actions from Community Energy & Greenhouse Gas Emissions Plan Upgrade Green web site Pedestrian and Cycling Master Plan (Active Transportation Plan) Housing Action Plan

Action Type	Building and Lighting (e.g. developed green building policy, increased density in the downtown)
Actions Taken this Year	 Increased density in urban core Testing LED street lights Garden Suites and Secondary Suites included in new Zoning Bylaw for densification http://www.pittmeadows.bc.ca/assets/Bylaws/2505 2011 - New Zoning Bylaw.pdf Traffic lights converted to LED Solar powered speed readers
Proposed Actions for Next Year	 Further testing of LED Street lights Further densification in urban core encouraging walkability and cycling and transit Housing Action Plan

Action Type	Energy Generation (e.g. signed on to provincial 'solar ready' regulation, explored options for bioheating for buildings)
Actions Taken this Year	 Solar Hot Water Ready Building Regulation (bylaw 2521)adopted for new residential housing http://www.pittmeadows.bc.ca/assets/Bylaws/2131%20-%20Building%20Bylaw%20-%20Consolidated%20Version.pdf Adaptable Housing Policy adopted http://www.pittmeadows.bc.ca/assets/Bylaws/2505 2011 - New Zoning Bylaw.pdf Organized and promoted Earth Hour - achieving highest electricity reduction in British Columbia
Proposed Actions for Next Year	Organize and promote Earth Hour event to promote energy reduction. EARTH HOUR

Action Type	Green Space (e.g. developed urban forestry policy, adopted park acquisition policy)
Actions Taken this Year	 New park planned (MacLean Park) Pesticide Use Bylaw, banning cosmetic pesticides http://www.pittmeadows.bc.ca/assets/Bylaws/2502%20-%20Pesticide%20Use%20Control%20Bylaw.pdf
Proposed Actions for Next Year	 Protect Greenways and trail systems MacLean Park

Action Type	Transportation (e.g. developed sustainable transportation plan, completed bicycle master plan)
Actions Taken this Year	 Continuation of Bicycle Advisory Committee Traffic improvements to reduce idle time increased focus on pedestrian and cycling options
	Traffic circles reduce idle time compared to stop signs/traffic signals, and reduce accidents
Proposed Actions for Next Year	 Continuation of the Bicycle Advisory Committee to promote cycling Support Bike to School through the Vancouver Cycling Coalition Community Anti Idling Campaign

Action Type	Waste (e.g. introduced composting and recycling education programs)
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Actions Taken this Year	 Encouraged composting through subsidized composter program Community outreach and education Theatrical production in schools to raise awareness of waste reduction Promoted Zero Waste Campaigns Joined Pitch In Canada program to encourage waste reduction and recycling Organized a Great Canadian Shoreline Clean Up
	Our Recycling Hero Great Canadian Shoreline Cleanup (photo by P. Regr.)
Proposed	 (photo by P. Rear) Introduce curbside organics collection - Residential food scraps and yard
Actions for	trimming
Next Year	 Investigate mandatory recycling in commercial buildings
	Source: Recycling Council of BC
	 Mandatory Recycling being considered as part of Building and Demolition Permits Organize and promote Great Canadian Shoreline Clean Up
	Organize and launch second Earth Day event
Action Type	,

	Water/Sewer (e.g. participated in water smart initiatives, implemented Water Action Plan, introduced rebates on low flush toilets)
Actions Taken this Year	 Upgraded water meters and created an education campaign Sprinkling Regulations: Water Shortage Response Bylaw http://www.pittmeadows.bc.ca/assets/Bylaws/2400%20-%20Water%20Shortage%20Response%20Plan.pdf Subsidized Rain Barrels for residents Rain barrels collect rain water from the roof that would normally go into storm sewers. This rain can be used to water plants, grass, clean tools, anything you would not need treated water for.
Proposed Actions for Next Year	 Continuation of the water meter upgrades to encourage reduced water consumption Re-Promote subsidized Rain Barrels for residents

Action Type	Other Actions
Actions Taken	
this Year	 Going Green Business Awards launched http://www.pittmeadows.bc.ca/EN/topnav/whatsnew/Going-Green-Business-Awards.html Climate Smart for Business supported (engaged 6 businesses)
	http://www.pittmeadows.bc.ca/EN/main/residents/31576/Climate-Smart-Program-for-Businesses.html
	Urban Beekeeping Research and Community Outreach
	(To see and hear the report go to
	http://www.pittmeadows.bc.ca/EN/main/cityhall/625/granicus.html
	Click on Dec 20, 2011 meeting video and scroll to the report I.2 Urban Bee Keeping, located in the lower left section of the screen, click on the report.)
	 promoted sustainability on Facebook with a green page inside of City's
	Facebook page
	http://www.facebook.com/pittmeadows?sk=app 7146470109
	 Regular articles on sustainability in monthly newspaper publication – City Talks
Proposed	Going Green Business Awards II; Green Tips in City Talks (monthly publication in
Actions for	local newspaper)
Next Year	Continue to Promote sustainability on Facebook
	Urban Beekeeping Community Information Meeting and Bylaw Proposal

Direct Community Wide Actions

Action Type	Buildings (e.g. implement use of sustainability checklists and development permit guidelines for new buildings)
Actions Taken this Year	Smart Growth Checklist for development applications that encourage developers to consider sustainability in the buildings http://www.pittmeadows.bc.ca/EN/main/business/1156/Planning-Information-Handouts.html
Proposed Actions for Next Year	Enhance and expand Smart Growth checklist

Action Type	Energy Generation (e.g. implement district energy, geothermal, solar)
Actions Taken this Year	Encouraged developers to consider alternative energy solutions
Proposed Actions for Next Year	Encourage developers to consider district energy or alternative energy solutions in new developments

Action Type	Transportation (e.g. implement bike lanes, pedestrian paths, upgrade transit service and infrastructure, improve roads, parking fees etc.)
Actions Taken this Year	 Implemented some new parking restrictions Substantial bike lanes and trails to connect the community http://www.pittmeadows.bc.ca/EN/main/residents/742/10585.html
Proposed Actions for Next Year	Participate in Vancouver Area Cycling Coalition School Education program Extend Trail network

Action Type	Waste (e.g. introduce composting and recycling programs)
Actions Taken this Year	 Continued education and promotion of reducing consumption and diverting solid waste Greenwaste drop off http://www.pittmeadows.bc.ca/EN/main/residents/2897/770.html The Pitt Meadows Yard Waste drop off is Meadows Landscape Supply 18020 Kennedy Road
Proposed Actions for Next Year	 Curbside Organics collection with added Green Waste drop off Subsidize composters for residents to encourage on site composting of organics

Action Type	Water/Sewer (e.g. implement water conservation and reduction initiatives)
Actions Taken this Year	Changed to re-lining sewer pipes versus open trenching and replacement saving 97 Tonnes of GHG emissions per 1000 meters of pipe
Proposed Actions for Next Year	Continue sewer pipe relining

Action Type	Green Space (e.g. plant trees, conserve forest etc.)
Actions Taken this Year	Insist on landscaping for all new developments, and encourage native and draught resistant plants
Proposed Actions for Next Year	 Continue to support the Community Garden Continue to insist developers include landscape considerations in plans



Action Type	Other Actions
Actions Taken this Year	Subsidized and promoted the Farmers' Market
	THEADONS LAND THE PROPERTY MARKET
Proposed Actions for Next Year	Continued subsidization and promotion of Farmer's Market

1.4 Community Wide Innovation

Question	Is there any activity that you have been engaged in over the past year(s) that you are particularly proud of and would like to share with other local governments? Please describe and add links to additional information where possible.
Answer	 Going Green Business Awards Christmas lights recycling (bring in your old energy intensive lights for recycling)



One of the Green Star Business Award Winners:

Shauna Wittkopf and Koha Childrens Place

Corporate Actions for 2011

2.1 Measure

Corporate Measurement Actions

Question	What steps has your local government taken toward completing its corporate emissions inventory (e.g. corporate assets gathered related to energy and fuel data and calculated GHG emissions from energy use)?
Answer	Ongoing implementation of actions from Corporate Energy and Greenhouse Gas Emissions Plan - completed 40 out of 55 actions Pitt Meadows CORPORATE ENERGY & GREENHOUSE GAS EMISSIONS PLAN 2010 LEHYLA http://www.pittmeadows.bc.ca/assets/Green~Info/Corporate%20Energy%20and%20Emissions%20Plan%202010.pdf

Question	What tool are you using to measure, track and report on your corporate emissions (e.g. SMARTtool, other tools including excel spreadsheets)?
Answer	Currently using consultant's software

2.2 Reduce

Supportive Corporate Actions

Action Type	Broad Planning (e.g. developed corporate climate action plan)
Actions Taken this Year	 Continued to implement actions in the Corporate Energy and Greenhouse Gas Emissions Plan Opened the first Gold LEED Community Building - South Bonson Community Centre

for details on the sustainability of the South Bonson Community Centre go to http://www.pittmeadows.bc.ca/EN/main/business/1156/3085.html

- Corporate cross departmental Green Team meets monthly to plan and generate ideas
- Launched the BC Hydro Workplace Conservation Awareness Program

Proposed Actions for Next Year

- Continue to implement Actions from Corporate Energy and Greenhouse Gas Emissions Plan
- Become a member of the Community Action and Energy and Emissions (CAEE)
- Set CAEE targets for existing community buildings (electrical, mechanical, plumbing)
- Request that Council encourage senior government to adopt tailpipe emissions standards
- Support the implementation of new federal diesel fuel and heating oil standards
- Pursue external funding for anti idling campaign
- Ongoing enhancement of Green Team initiatives
- Implement year 1 actions for Workplace Conservation Awareness Program

Action Type	Building and Lighting (e.g. developed energy reduction plan for all corporate buildings)
Actions Taken this Year	BC Hydro Power Smart Partner
Proposed Actions for Next Year	 The Workplace Conservation Awareness Program will launch several initiatives to promote energy reduction: Turn it Off, Space Heater replacement, Smart tools for the workplace Replace windows at Heritage Hall with energy efficient windows Replace water fixtures at parks facilities with low flow options

Action Type	Transportation (e.g. created anti-idling policy for city vehicles, bike to work week promotion)
Actions Taken this Year	 Won the Vancouver Area Cycling Coalition's "Bike to Work Week Municipal Challenge" Promoted Bike to Work weeks with incentives for staff participation
Proposed Actions for Next Year	Promote Bike to Work Weeks with incentives for participation Anti Idling campaign to include City fleet vehicles Policy

Direct Corporate Actions

Action Type	Building and Lighting (e.g. energy efficiency retrofits to municipal buildings)
Actions Taken this Year	 Installed Motion Sensors in several Corporate buildings Energy Efficient Lighting upgrades in Fire Hall, City Hall and Arena Chiller Upgrades to reduce heating and cooling at Arena Major energy upgrades at Arena (lighting, HVAC, insulation, roof, etc)
	For more information and pictures of the Pitt Meadows Arena go to http://www.pittmeadows.bc.ca/EN/main/business/1156/3085.html
Proposed Actions for Next Year	Continue to monitor areas for improvement.

Action Type	Fleet (e.g. anti-idling policies for fleet vehicles, purchasing of hybrid)
Actions Taken this Year	 Fleet upgrades with more fuel efficient vehicles Staff car pooling for offsite meetings
Proposed Actions for Next Year	Anti Idling policy and campaign

Action Type	Waste (e.g. introduction of composting and recycling programs and education)
Actions Taken this Year	 Eliminated use of disposable dishes in facility meeting rooms Composting at City Hall for fruit, vegetables, coffee grounds, some paper, plants Styrofoam recycling
Proposed Actions for Next Year	 Full organics collection Composting at City Hall to reduce waste (and save \$ on waste disposal costs) Implement air hand dryer to reduce paper hand towel waste (and save \$)



The City Hall compost bin

Diverts over 500 litres of organics from the solid waste stream

Action Type	
	Other Actions
Actions Taken	
Actions Taken this Year	 Banner to Bags recycling through a program that engages at risk people in employment opportunities while re-using old banners Burning Permit regulations have reduced number of burning incidents, improving air quality Using re-usable dishes and cutlery Sourced products with higher recycled content (e.g. office products) Recycled old and used office products for reuse/reclamation Purchased energy star rated laptops for replacement Continued with server virtualization to reduce hardware consumption and energy consumption Continuing to purchase recycled only office paper (white – 100% recycled content, colours 30% recycled content) and was awarded "Green Office Hero" (saved 41 trees + 24 from shredding) Diverted over 500 litres of organic food waste from the solid waste stream into a compost Improvements to Arena will realize significant energy savings and cost reductions for energy – until construction is complete and we have similar years to compare, exact costs savings are not available, however other facilities that have undergone similar improvements have shown energy cost reductions Fire Chief vehicle replaced with more fuel efficient model Witnessing more participation in employee car pooling to meetings Received BC Hydro grants for Arena energy studies and upgrades (so far totaling \$57,000) Energy Star appliances were purchased for the Fire Hall kitchen renovation Installed solar-powered speed reader signs (Engineering) Tested recycling container in lobby of City Hall Additional composters/rain barrels were subsidized for residents Promoted green incentives and programs through City Talks Assisted with developing Water Meter Brochure in relation to saving water and sustainability Research was completed related to recycling and garbage options for buildings and resident programs Installed high efficiency hand dryers (reduc
Proposed	
Actions for Next Year	Continue to find innovative ways to pursue sustainability.

2.3 Corporate Innovations

Question	Is there any activity that you have been engaged in over the past year(s) that you are particularly proud of and would like to share with other local governments? Please describe and add links to additional information where possible.
Answer	 BC Hydro Power Smart Awards-Workplace Conservation Leadership-Finalist http://wwe12.bchydro.com/businessevents/awards/awards/workplace-conservation-leadership Great Canadian Shoreline Clean Up - Site Coordinator Award http://shorelinecleanup.ca/en/press-releases/keep-your-local-waters-clean-health-great-canadian-shoreline-cleanup Going Green Business Awards - Recognizing the efforts and achievements of local businesses (included a nomination process, reception for winners, awards presented at a Council Meeting, promoting on our web site and our monthly news column, as well as on Facebook and through our Pitt Meadows Economic Development Corporation http://www.pittmeadows.bc.ca/assets/Green~Info/Going Green Awards Finalists.pdf



Making Progress on Your Carbon Neutral Commitment

Question	If your community has not achieved carbon neutrality for this reporting year please describe the actions that you intend to take next year to move you toward your carbon neutral goal.
Answer	Continue implementing all the actions in both the Corporate and Community Energy and Greenhouse Gas Emissions Plans