

City of Cranbrook

Climate Action Revenue Incentive Program

2014 Public Report



LOCAL GOVERNMENT INFORMATION

Variable	Response
LOCAL GOVERNMENT INFORMATION Name of Local Government	Cranbrook, The Corporation of the City of
LOCAL GOVERNMENT INFORMATION Name of member Regional District (RD)	East Kootenay
LOCAL GOVERNMENT INFORMATION Regional Growth Strategy (RGS) in your region	Yes
LOCAL GOVERNMENT INFORMATION Population	10,000-49,999

CORPORATE - Broad Planning

	Actions taken in 2014	Actions proposed for 2015
Feasibility Studies, Research, Analysis	No action	No action
Plans, Policies, Regulations	Asset management planning - taking into account energy consumption reductions	Asset management planning - taking into account energy consumption reductions
Policy Implementation		
Employee Training, Awareness	Formation of an energy management steering group to help develop corporate planning; basic discussions and quick fixes regarding control system issues	Energy management steering group - ongoing 30 day staff energy conservation challenges
Committees, Staffing	Energy Manager partnership with BC Hydro Environment & Utilities Commission Senior Planner and Community Planner	ongoing...
Funding	Continuation with funding to Carbon Offset reserve to be used for sustainability initiatives BC Hydro - Energy Manager Partnership	ongoing...

COMMUNITY-WIDE - Broad Planning

	Actions taken in 2014	Actions proposed for 2015
Feasibility Studies, Research, Analysis		
Plans, Policies, Regulations	Storm drainage master plan underway; Municipal master plan underway OCP Neighbourhood Plan policy that promotes trail network connections.	Completion of storm drainage master plan
Policy Implementation		
Community Education, Engagement		

CORPORATE - Buildings

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	<p>Ongoing program to install low-flow toilets in City buildings</p> <p>replaced office lights at western financial place with LED lighting</p> <p>replaced faucets at western financial place arena with automated faucets</p>	<p>Exterior wall remediation at Western Financial place to correct heat loss due to insulation separation</p> <p>Purchase of energy monitoring equipment to be used at various buildings</p>
Feasibility Studies, Research, Analysis	<p>Developed terms of reference for a comprehensive facility energy study for arenas</p> <p>Basic energy audit completed at Fire Hall</p>	<p>Completion of a facility energy study to identify energy saving measures at arenas</p>
Plans, Policies, Regulations		
Policy Implementation		
Employee Training, Awareness	<p>Rec facility staff training - LED & thermal energy opportunities for rec facilities</p> <p>Dollars to Sense Energy Management Certificates (2 managers)</p>	<p>Rec facility staff training-advanced direct digital control systems</p>
Committees, Staffing	<p>Corporate Energy Manager</p>	<p>Corporate Energy manager</p>
Funding		

COMMUNITY-WIDE - Buildings

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	No action	Installation and replacement of door seals at PRV buildings
Feasibility Studies, Research, Analysis		
Plans, Policies, Regulations		
Policy Implementation		
Community Education, Engagement	Promoted the East Kootenay Energy Diet - a program designed to help residents save energy and money through home renovations	Open house to inform the public of BC Building Code changes, some of which involve energy efficiency requirements
Committees, Staffing		
Funding		

CORPORATE - Energy Generation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction		
Feasibility Studies, Research, Analysis		
Plans, Policies, Regulations		
Policy Implementation		
Employee Training, Awareness	Corporate Energy Manager attended BC Hydro Energy Manager's Forum	No action
Committees, Staffing		
Funding		

COMMUNITY-WIDE - Energy Generation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction		
Feasibility Studies, Research, Analysis	Investigated options for establishment of photovoltaic generation solar farm	Investigation of district heating plant - subject to funding
Plans, Policies, Regulations		Establishment of advanced generation pellet plant - awaiting private investment.

COMMUNITY-WIDE - Greenspace

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Over 100 new trees were planted Cycle/walk trail extensions and upgrades	Budget includes 96 trees to be planted in 2015 New sprinkler controls in parks to reduce water use Ongoing cycle/walk trail extensions and upgrades
Feasibility Studies, Research, Analysis		
Plans, Policies, Regulations	The City follows its Urban Forest Management Plan and partners on numerous projects	Continue to follow the City's Urban Forest Management Plan Parks & Recreation master plan
Policy Implementation		
Community Education, Engagement		
Committees, Staffing		
Funding	Trees for Life BC Hydro Regreening fund Prov of BC - Community Recreation Program	Trees for Life BC Hydro Regreening Fund Prov of BC - Community Recreation Program

COMMUNITY-WIDE - Solid Waste

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction		
Feasibility Studies, Research, Analysis		
Plans, Policies, Regulations		
Policy Implementation		
Community Education, Engagement	Continue to support the Regional District of East Kootenay initiatives regarding solid waste and recycling.	Continue to support the Regional District of East Kootenay initiatives regarding solid waste and recycling.
Committees, Staffing		
Funding	RDEK owns/operates transfer stations & landfill facility	RDEK owns/operates transfer stations & landfill facility

CORPORATE - Transportation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Installation of electric vehicle charging station at recreation facility parking lot	
Feasibility Studies, Research, Analysis		Fleet GPS for fuel consumption; fuel tracking software
Plans, Policies, Regulations		
Policy Implementation		
Employee Training, Awareness	Employees participated in Bike to Work Week.	ongoing
Committees, Staffing		
Funding	Columbia BasinTrust	

COMMUNITY-WIDE - Transportation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Annual sidewalk rehabilitation program and capital road programs	Annual sidewalk rehabilitation program and capital road programs
Feasibility Studies, Research, Analysis	Streetlight conversion to LED - planning and product research	Conversion of streetlights to LED - phase I
Plans, Policies, Regulations	In the Annual Capital Roads program we require the use of warm mix asphalt and 10% to 20% Recycled Asphalt Product (RAP)	In the Annual Capital Roads program we require the use of warm mix asphalt and 10% to 20% Recycled Asphalt Product (RAP)
Policy Implementation	In the Annual Capital Roads program we require the use of warm mix asphalt and 10% to 20% Recycled Asphalt Product (RAP) in the mix	In the Annual Capital Roads program we require the use of warm mix asphalt and 10% to 20% Recycled Asphalt Product (RAP) in the mix
Community Education, Engagement	Continued to promote public awareness of transit program to encourage ridership	ongoing
Committees, Staffing		
Funding	Gas Tax	Gas Tax

CORPORATE - Water and Wastewater

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	<p>Night time pressure reduction of potable water</p> <p>Watermain leak detection program</p> <p>Low Flow Toilet Program implemented in City buildings and facilities</p>	<p>Continuation of night time pressure reduction of potable water</p> <p>Continuation of Low Flow Toilet Program in city building and facilities</p> <p>Sewer transfer pipeline rehabilitation to reduce risk of leakage</p> <p>Sewage irrigation pump station electrical upgrades</p> <p>Micro-Generation Study and Design for municipal water system - Pilot micro-generation stations intended to be brought online in 2016 pending Provincial Government grants</p>
Feasibility Studies, Research, Analysis	<p>Water system masterplan</p> <p>Sewer system masterplan</p>	<p>Completion of master plans</p>
Plans, Policies, Regulations		
Policy Implementation		
Employee Training, Awareness	<p>Water Smart Ambassador Program. City hired a part time Water Smart Ambassador for a 4 month contract in 2014. The Ambassador, funded in part by Columbia Basin Trust's Water Smart Program created an elementary education program around wise water use, conducted 44 water assessments, and provided</p>	<p>Water Smart Ambassador Program to continue.</p>

	public education at various city activities (Farmer's Market, Open Garden Day, Sam Steele Days)	
Committees, Staffing	Water Smart Ambassador	Water Smart Ambassador
	Corporate Communications Officer	Corporate Communications Officer
Funding	Water Smart Ambassador Program - co-funded by Columbia Basin Trust - Water Smart Program	Columbia Basin Trust - Watersmart Program co-funding

COMMUNITY-WIDE - Water and Wastewater

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Water and sewer main annual rehabilitation program	Water and sewer main annual rehabilitation program
Feasibility Studies, Research, Analysis		
Plans, Policies, Regulations	Watermain Leak Detection Program - year 5 of 5	
Policy Implementation		
Community Education, Engagement	Water Smart Ambassador program; Low Flow Toilet - 1000 rebates to City residents	Continuation of Water Smart Ambassador program
Committees, Staffing		
Funding	Columbia Basin Trust - Watersmart Program co-funding	Columbia Basin Trust - Watersmart Program co-funding

CORPORATE - Other Climate Action

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction		
Feasibility Studies, Research, Analysis		
Plans, Policies, Regulations		
Policy Implementation		
Employee Training, Awareness	SMARTtool/CO2 emissions calculation training	SMARTtool/CO2 emissions calculation training
Committees, Staffing	Energy manager, Energy Management Steering Group	Energy Manager, Energy Management Steering Group
Funding		