

Partners for Climate Protection Program

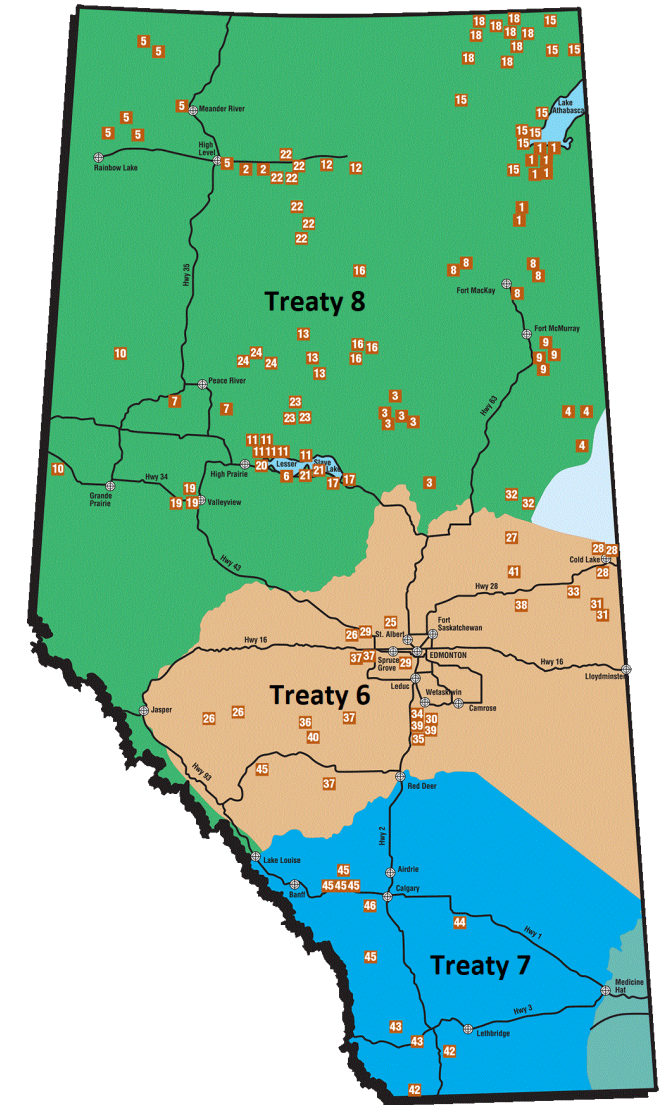


Municipal
Climate Change
Action Centre

Acknowledgement

We would like to respectfully acknowledge that this presentation is being presented in Treaty 6 territory.

We acknowledge all the many First Nations, Métis, and Inuit whose footsteps have marked these lands for centuries, and whose presence continues to enrich our vibrant communities.



Funders and Partners

The Municipal Climate Change Action Centre provides funding, technical assistance, and education to support Alberta municipalities in addressing climate change.

The Municipal Climate Change Action Centre is a partnership between the Government of Alberta, the Alberta Urban Municipalities Association, and Rural Municipalities of Alberta.



Agenda

1. Our Impact in Alberta
 2. Partners for Climate Protection
 3. Funding Programs
- 
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Our Impact



From MCCAC projects Completed Over the Past Ten Years

130

Municipalities in Alberta have participated in our programs

400

Projects completed with MCCAC funding

227,000

Tonnes of lifetime greenhouse gas emissions (CO₂e) avoided

\$40M

In lifetime energy savings



Partners for Climate Protection Program



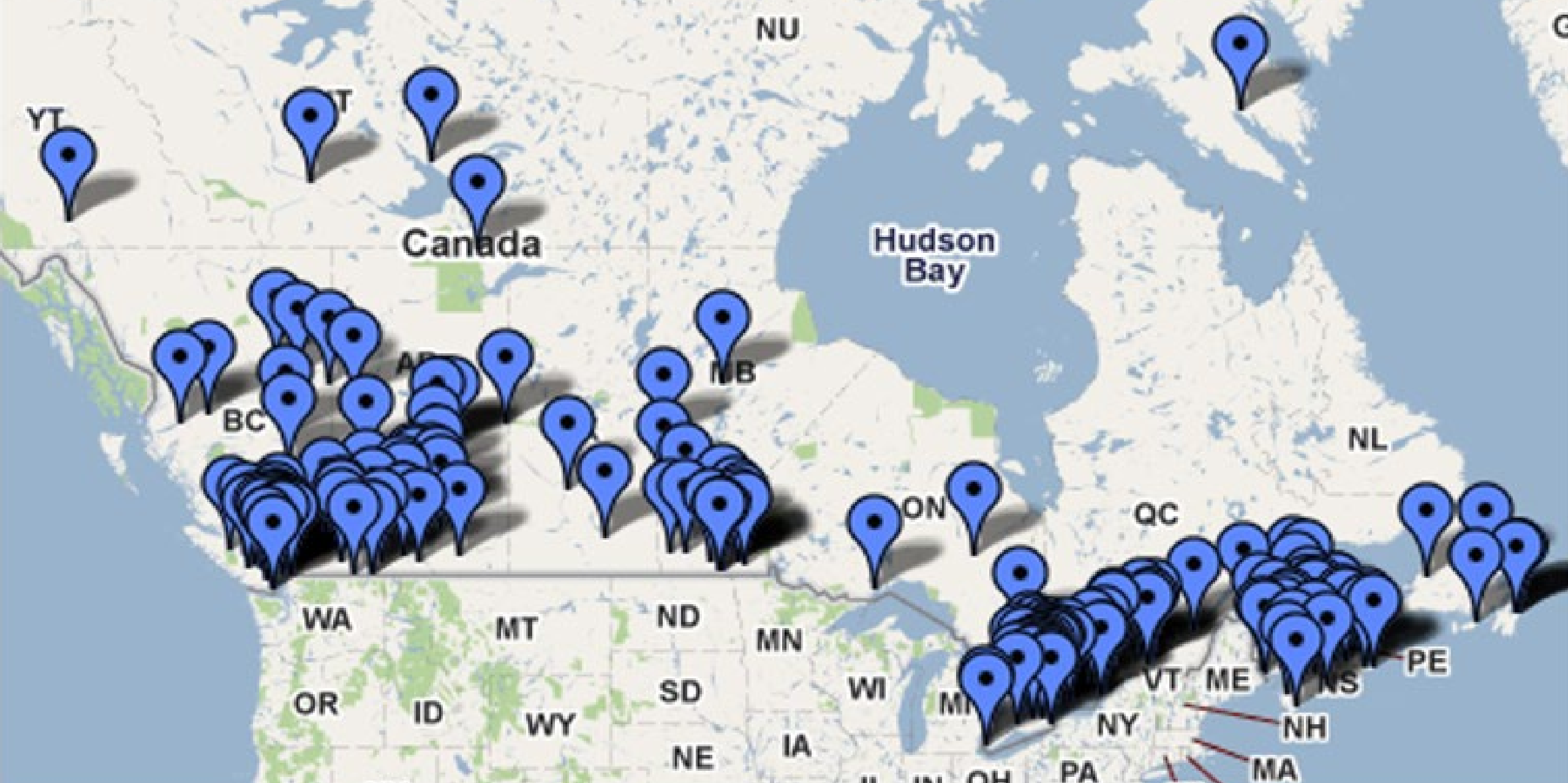
Why? Global Problem, Local Solution

Influence over 50% of Canada's GHG emissions

Invest in projects

Chart Canada's climate ambitions





In Alberta

26

Municipalities in Alberta have
participated in PCP

16

Municipalities completed
achieved a milestone



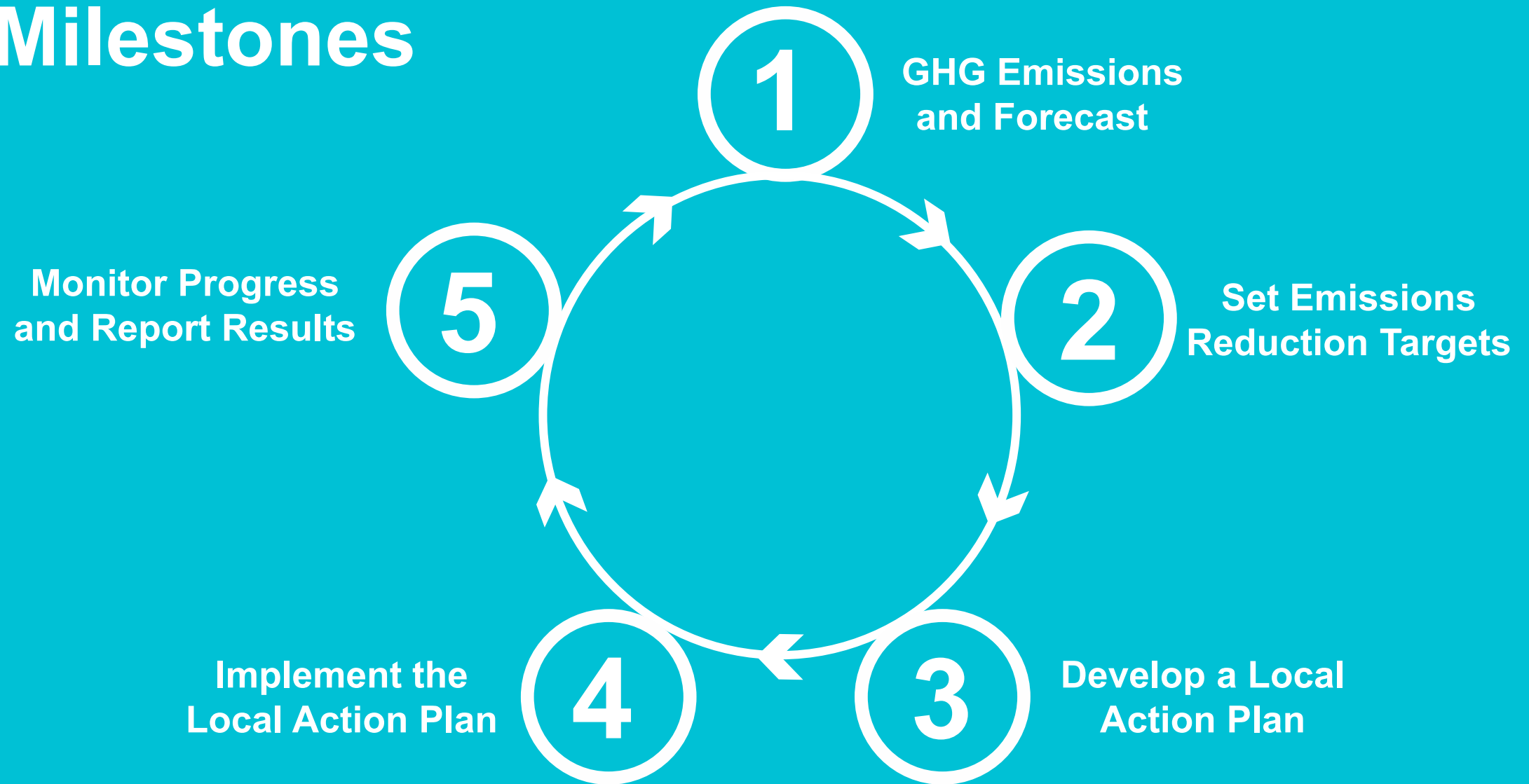
Why? Partners for Climate Protection

PCP program supports climate action while creating opportunities to:

1. Reduce operating/energy costs
2. Access funding opportunities
3. Invest in local economies
4. Build and maintain core public infrastructure
5. Adapting to changes in weather
6. Demonstrate leadership and environmental stewardship



Milestones



Milestone 1



Inventory

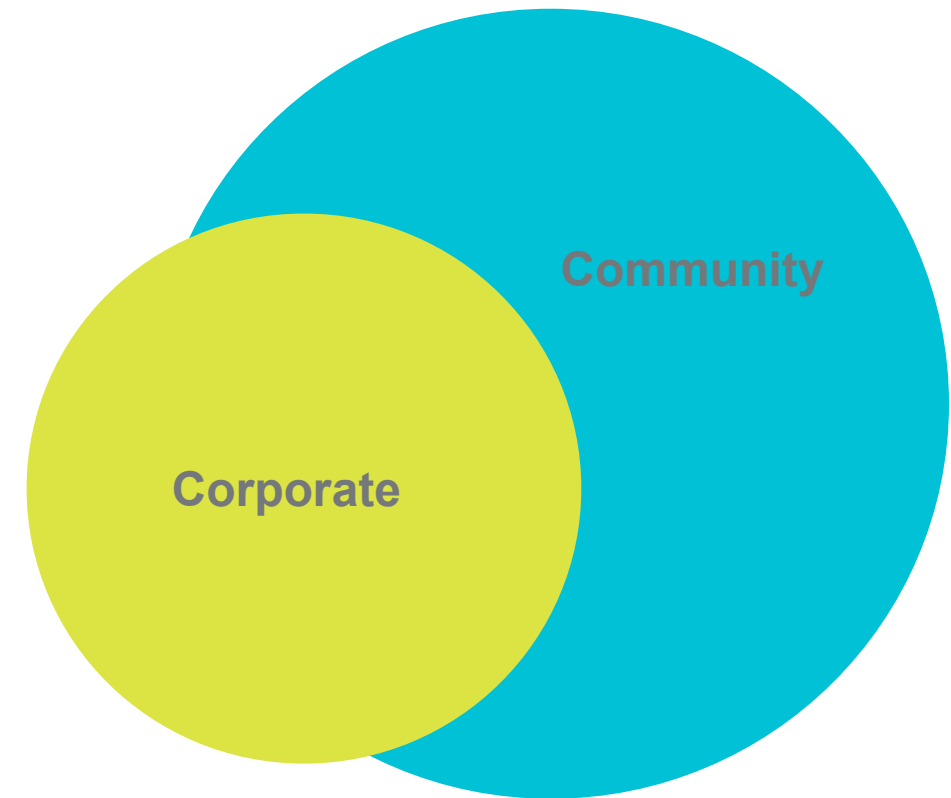


- Collection of data that quantifies the amount of GHG emissions generated by your community and municipal operations



Make a Choice

Corporate	Community
Associated with a local government's operations and services	Associated with activities within a community as a whole





TOWN OF DEVON GREENHOUSE GAS AND ENERGY INVENTORY

Corporate and Community

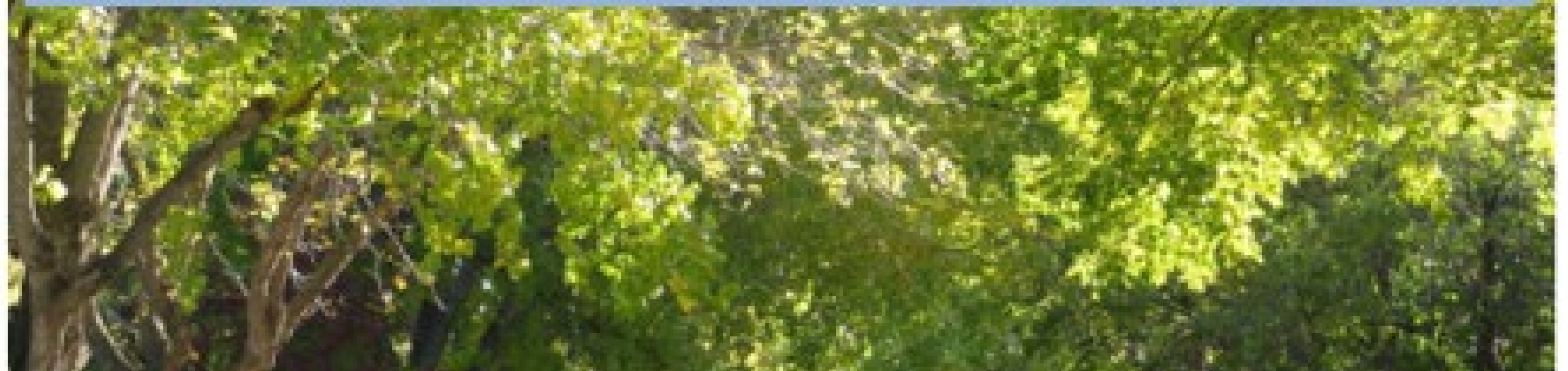


Figure 1 Corporate and Community GHG Emissions Comparison

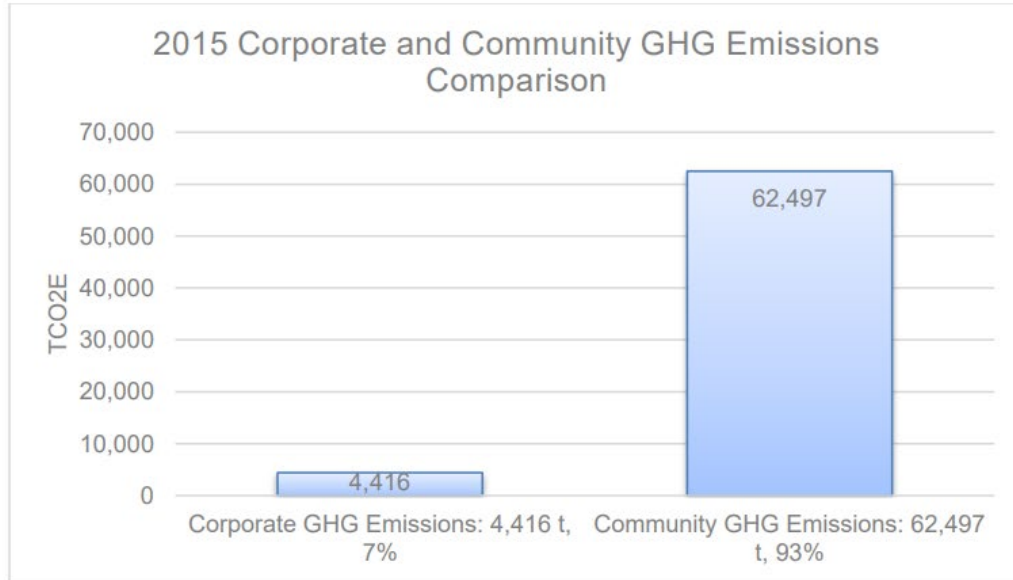
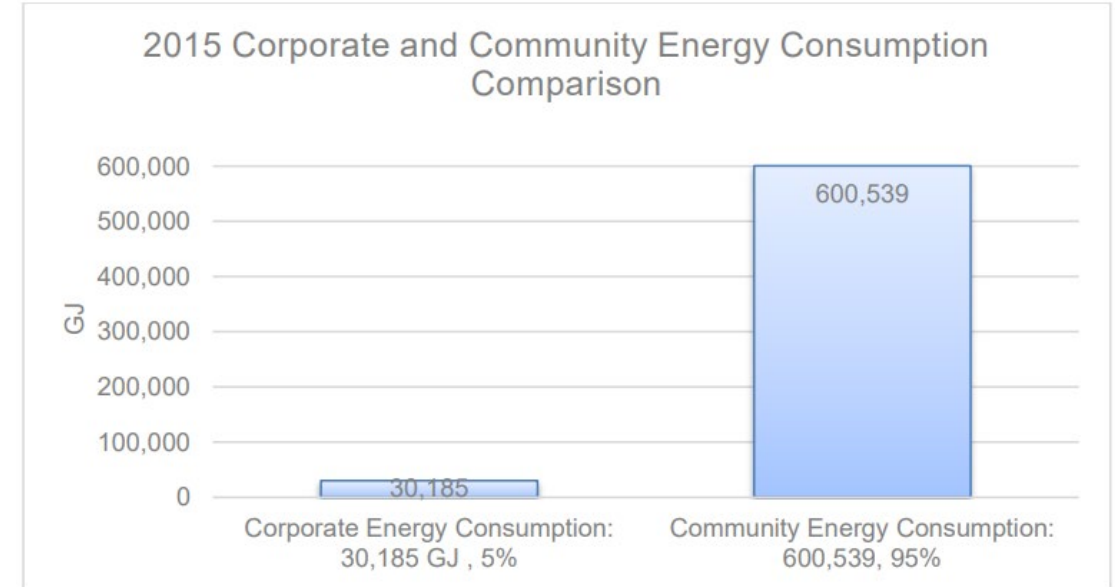


Figure 2 Corporate and Community Energy Consumption Comparison



Milestone 2



Setting Targets



_____% reduction by _____ compared to the baseline year _____



Recommended targets to reach within 10 years

Corporate	Community
20%	6%



TOWN OF BANFF

2019–2022 Strategic Plan

Approved April 8, 2019



Milestone 3



Develop a local action plan



A local action plan (LAP) is a strategic document that outlines how your municipality will achieve its GHG emissions reduction target



2012 | CITY OF ST. ALBERT

Local Action Plan for Energy Conservation and Reducing Greenhouse Gas Emissions



3.8 Corporate action planning

Action Planning for City of St. Albert Buildings and Facilities

Action	Level of effort / budget	Timeline	Funding Sources
Adopt a corporate Green Building Policy that includes minimum energy performance for new City buildings.	Less than \$50,000	Short-term 2013-2014	Internal
Benchmark municipal building energy use with the MCCAC municipal benchmarking program.	Less than \$50,000	Short-term 2013-2014	N/A
Continue to conduct energy efficiency audits to identify cost-effective retrofits, and plan and implement energy upgrades for existing City buildings.	Between \$50,000 and \$100,000	Ongoing	Operations budget FCM Green Municipal Fund
Create a facility energy management system that includes training and feedback systems for building managers and operators, and a best management practice system such as BOMA BESt or LEED EBOM.	Less than \$50,000	Ongoing + one time certification	Operations budget
Pilot a behavioural change campaign to measure its effectiveness before broad deployment.	Between \$50,000 and \$100,000	Medium-term 2015-2016	Internal FCM Green Municipal Fund

Action Planning for the City of St. Albert Vehicle Fleet

Action	Level of effort / budget	Timeline	Funding Sources
Formalize the City's vehicle purchasing policy to assess vehicle needs and ensure high-efficiency vehicles are selected for purchase.	Less than \$50,000	Short-term 2013-2014	N/A
Re-investigate the use of low carbon fuel alternatives for the City fleet.	Less than \$50,000	Short-term 2013-2014	N/A
Continue to ensure that vehicles are maintained in order to ensure peak operating efficiency.	Less than \$50,000	Ongoing	N/A
Broaden current driver behaviour training.	To be determined based on past training.	Short-term 2013-2014	Internal
Develop an overall fleet fuel management strategy and program to actively manage fuel use over time.	Less than \$50,000	Short-term 2013-2014	N/A

Action Planning for the City of St. Albert Water and Wastewater

Action	Level of effort / budget	Timeline	Funding Sources
Work with the Alberta Capital Region Wastewater Commission to follow through on recommendations from the energy audit of the water and wastewater distribution system facilities.	Less than \$50,000	Short-term 2013-2014	Existing operating budget
Continue to advance water demand management programs.	Less than \$50,000	Ongoing	Existing budget

Action Planning for the City of St. Albert Waste

Action	Level of effort / budget	Timeline	Funding Sources
Continue waste management programs for municipal operations.	Less than \$50,000	Ongoing	Existing budget

Action Planning for the City of St. Albert Distributed Energy

Action	Level of effort / budget	Timeline	Funding Sources
Investigate opportunities to implement renewable energy generation in municipal buildings.	Less than \$50,000	Medium-term 2015-2016	Internal FCM Green Municipal Fund

Action Planning for the City of St. Albert's Procurement Policies

Action	Level of effort / budget	Timeline	Funding Sources
Continue to develop a green procurement policy to control the purchasing of products, services, and contractors to reduce upstream GHG emissions.	Less than \$50,000	Short-term 2013-2014	Existing budget
Investigate the feasibility of purchasing green power for City operations during the next electricity contract renewal.	Less than \$50,000	To be determined	Internal



Milestone 4



Implement a local action plan



The approval and support of council, municipal staff, stakeholders and the community are essential to the plan's success.



Milestone 5



Monitor progress and report



1. Track the results of specific emissions reduction measures
2. Update the inventory
3. Engage stakeholders and decision makers.
4. Report



Resources

PCP TOOL

ONE ON ONE

**PROTOCOLS &
TOOLS**

GUIDEBOOKS

**COMMUNICATION
RESOURCES**

**PEER TO PEER
LEARNING**

Get Started



Join for Free



1. Download and print sample joining resolution
2. Appoint main PCP contacts
3. Email or Mail the resolution to FCM



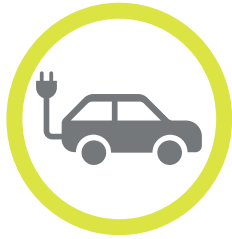


Reach out to the Alberta's Regional Climate Advisor



Programs

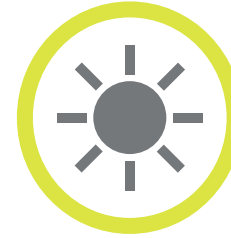




**Electric Vehicles
for Municipalities
Program**



**Recreation Energy
Conservation
Program**



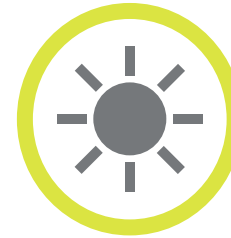
**Alberta
Municipal Solar
Program**



**Municipal Energy
Manager Program**



**Partners for Climate
Protection Program**



**Solar for Schools
Program**



THANK YOU



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