

LEADING CLIMATE ACTION WITH ALBERTA MUNICIPALITIES 2024



Municipal Climate Change Action Centre

The Municipal Climate Change Action Centre provides funding, technical expertise, and education to municipalities and community-related organizations. Together, we are lowering energy costs, reducing greenhouse gas emissions, and improving climate resilience.

A partnership of:



\$37.5 MILLION OF INVESTMENTS CATALYZED IN 2024 *PLUS*

Energy jobs

298 job years created

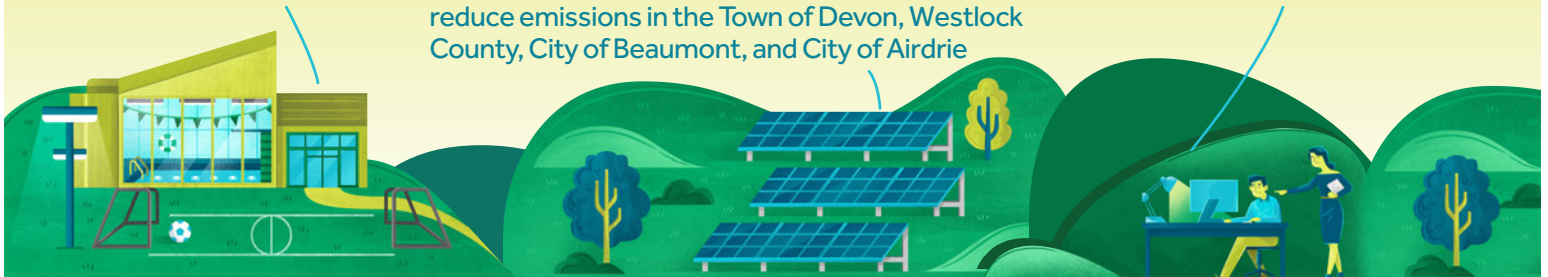
Energy Managers

4 energy managers active in 2024 working to reduce emissions in the Town of Devon, Westlock County, City of Beaumont, and City of Airdrie

Estimated Annual

Energy Cost Savings

\$1,470,486



8,323 TONNES OF CO₂e REDUCTIONS IN 2024 *PLUS*

Electric Vehicles and Charging Infrastructure

Cars, ice resurfacers, utility carts, and charging infrastructure

\$1.7 million invested • 9 EV chargers

55 EVs purchased or leased

Solar Power

Installed solar capacity

10.7 MW

Climate Resilience


Risk assessments and adaptation projects


9 projects completed




SELECT HIGHLIGHTS FROM 2024

NOTABLE PROJECTS

 **Commonwealth Recreation Centre Solar PV System**
City of Edmonton
\$372,240 rebate to support a 620 kW solar PV system

 **Bon Accord Arena Ice Plant Replacement**
Town of Bon Accord
\$472,500 rebate to support reducing emissions by 64%

 **Green Fleet Project** *City of Calgary*
\$757,000 rebate for 27 new electric vehicles

 **Groundwater Climate Resilience Report** *Siksika Nation*
\$79,999 for the completion of a report and strategy on climate change impacts to potable water.

CAPACITY BUILDING

Climate Resilience Capacity Building
Provided funding, education, and networking support for Alberta municipalities and Indigenous communities to assess climate risks and advance climate adaptation solutions.

Net-Zero Communities Accelerator Program
Communities participating in the Prairies Cohort participated in energy mapping workshops and identified actions to advance community emissions reduction plans.

Alberta Climate Leaders
Launch of two climate action tools, the Alberta Climate Leaders Playbook and the Climate Action Explorer Tool.

ADVANCING CAPABILITIES

Success Story
Willow Lake Metis Nation received \$80,000 for the completion of a Climate Risk Assessment. The risk assessment identifies the climate impacts across three distinct development areas, including bison habitat, future residential developments, and the proposed Heritage Centre. In our case study, WLMN staff share their lessons learned and how the risk assessment will support the community moving forward.

Featured Projects *Just some of the 88 climate action projects completed in 2024*

ELECTRIC VEHICLES FOR MUNICIPALITIES

City of Cold Lake Municipal Enforcement and Parks Vehicles

Cold Lake purchased a new electric Hyundai Ioniq 5 for Peace Officer use and a John Deere Gator TE for the Parks Department. \$22,000 rebate, 6.4 tonnes of GHGs saved annually.

City of Brooks New Electric Zamboni 650AC

The City of Brooks used a \$50,000 rebate to purchase a new electric ice resurfer that reduces operating costs, maintenance costs, and indoor emissions 66%. It's now in operation at the Centennial Regional Arena, home of the AJHL's Brooks Bandits.



"By embracing innovative solutions like this, we not only reduce our carbon footprint but also set a positive example for other municipalities to follow."

- John Petrie, Mayor, City of Brooks



MUNICIPAL COMMUNITY GENERATION CHALLENGE

MD of Taber RenuWell Project

The MD of Taber received \$2,265,000 to develop 1.45 MW of distributed solar generation on abandoned oil and gas lease sites. The RenuWell Project demonstrates how re-purposing legacy oil and gas infrastructure to community solar development can provide significant benefits to communities, energy industries, the environment, and the economy. This community generation project was recognized in 2024 with an Alberta Emerald Award.

Town and County of Smoky Lake Salay Prayzaan Solar Project

The Salay Prayzaan at Métis Crossing Solar Project was a collaboration between two municipalities, the Town of Smoky Lake and Smoky Lake County, and an Indigenous community, the Métis Nation of Alberta. This project received \$3,900,000 to develop a 4.86 MW solar project at Métis Crossing. This community generation project generates economic and community benefits for the partnering communities and contributes to the resilience of the region as a whole.

RECREATION ENERGY CONSERVATION PROGRAM

Town of Vegreville Aquatic & Fitness Centre Furnace Upgrade

The Town of Vegreville has replaced four outdated furnaces with more energy efficient models and smart thermostats. The new furnaces were installed at the Vegreville Aquatic and Fitness Centre, leading to 207 GJ of annual gas savings and 10 tonnes of GHGs saved annually.

Town of St. Paul Aquatic Centre HVAC Upgrade

The Town of St. Paul added a new air handling unit (AHU) with heat recovery capabilities. The AHU was installed at the St. Paul Aquatic Centre, replacing a less efficient and outdated system. The new unit can recover waste heat from return air and return it to the supply air at an efficiency of roughly 67%.



CLIMATE RESILIENCE CAPACITY BUILDING

Town of Canmore Climate Emergency Action Plan

Developed through comprehensive engagement with residents, youth, and staff, the Town of Canmore completed a Climate Emergency Action Plan to guide equitable climate adaptation actions and build resilience to climate hazards.

"Climate change is already affecting our mountain community, increasing the risk of hazards such as fire, flood, and drought. Ensuring our community collaborates to reduce our climate impact while preparing for these challenges is a key priority for our Council. Following our 2019 climate emergency declaration, we have developed a Climate Emergency Action Plan with funding from the Municipal Climate Change Action Centre. This plan integrates climate change mitigation and adaptation through an equity lens to consider the diversity of our residents. As part of the Climate Resilience Capacity Building Program, this plan provides our community with a roadmap to address key climate hazards while enhancing Canmore's resilience and well-being." – Sean Krausert, Mayor, Town of Canmore



Visit mccac.ca to read [success stories](#) about projects the Municipal Climate Change Action Centre has administered and access our latest [programs](#) and [resources](#) to kickstart your climate solutions.

MUNICIPAL CLIMATE CHANGE ACTION CENTRE

2009-2024

Current as of: December 31, 2024

1,050

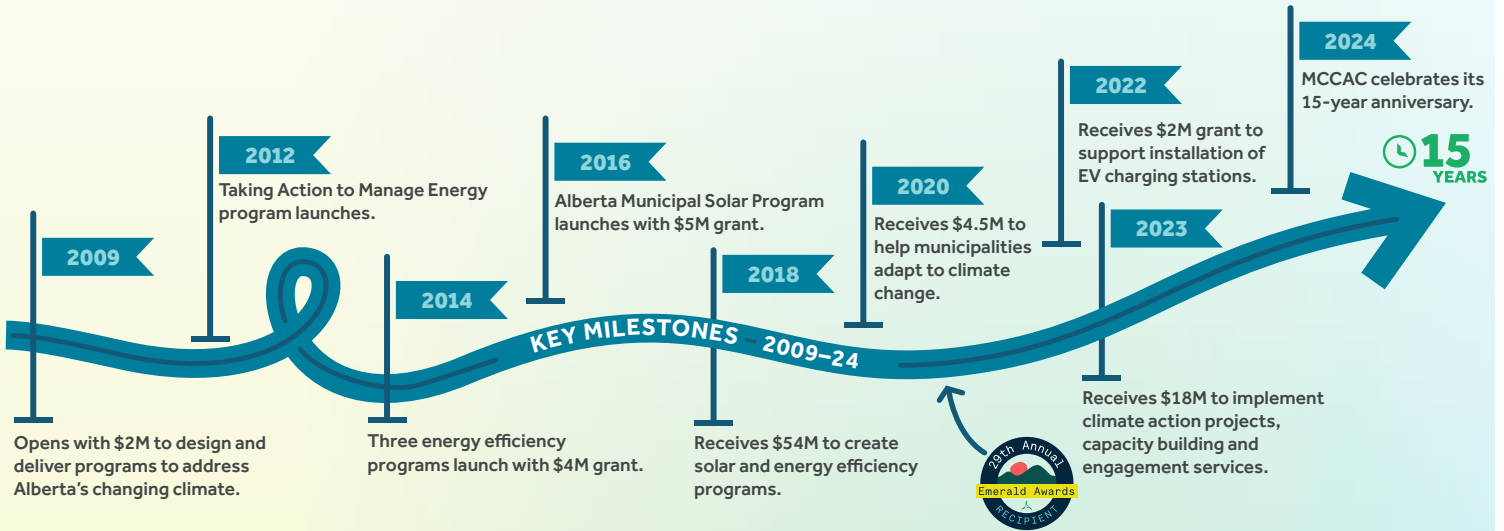
Projects Completed

\$204 million

Energy Savings
lifetime savings averaged over 20 years

174

Municipalities Reached



INVESTMENTS

\$64.1 million
in funds awarded

\$146 million
of investments catalyzed

JOBS CREATED

807
Energy action job years

607
Solar energy job years

ELECTRIC VEHICLES AND CHARGING INFRASTRUCTURE

\$6.5 million
Value of electric vehicles and charging infrastructure

SOLAR

40 MW
of solar electricity generation capacity

PLUS

97,498
solar modules installed

EMISSIONS

45,968 tonnes
of greenhouse gas emissions avoided every year



Municipal Climate Change Action Centre

A partnership of:



Opportunities & Resources ▪ Sneak Peek for 2025



MUNICIPAL CLIMATE LEADERSHIP COUNCIL

The first cohort of the Alberta Municipal Climate Leadership Council for elected officials continued in 2024 with relationship building and developing new skills and capacities to advance climate solutions in their communities. A new cohort will open after the 2025 municipal elections.

Alberta Climate Leaders is a partnership of the Community Energy Association and the Municipal Climate Change Action Centre.



ALBERTA CLIMATE LEADERS STAFF PEER NETWORK

Staff from municipalities and Indigenous communities are invited to join the Alberta Climate Leaders Staff Peer Network, a network of peers who share an interest and commitment to climate action at the local level. The current cohort started in December 2024 and recruitment is ongoing.



STAY UP-TO-DATE

Subscribe to our email newsletter.

"The Current Climate" shares stories about Albertans making real change in their communities.



be among the first to know about new initiatives. mccac.ca/newsletter



ALBERTA CLIMATE FUNDING GUIDE

Search for financial opportunities.

Browse close to 100 grants and financing opportunities open to Alberta municipalities. Filter by different strategies and areas.

mccac.ca/funding-guide



MAKE THE MOST OF THE MCCAC

- The Community Energy Conservation program provides financial rebates—up to \$500,000—to municipalities to help identify energy-saving opportunities and implement retrofit projects in municipally-owned facilities! Learn more: <https://mccac.ca/programs/community-energy-conservation-program/>
- The Municipal Electricity Generation Program provides financial rebates to Alberta municipalities to install grid-connected alternative electricity generation systems on municipally owned facilities or land. Access up to \$500,000 in rebates for microgeneration projects! Learn more: <https://mccac.ca/programs/municipal-electricity-generation-program/>



PROJECT PARTNERS

 Our projects are funded in part by the Government of Alberta and Natural Resources Canada.

Thank you to our incredible partners for the opportunity to collaborate 2024!

- Alberta Ecotrust
- Canadian Urban Institute
- ClimateWest
- Community Energy Association
- ECO Canada
- Federation of Canadian Municipalities
- Infrastructure Canada
- International Coaching Federation Ignite Initiative
- Northern Alberta Institute of Technology
- Otipemisiwak Métis Government (Métis Nation within Alberta)
- QUEST Canada and other partners in the Net Zero Accelerator Program
- RenuWell
- SouthGrow Regional Initiative
- NorQuest College
- Red Deer Polytechnic



Municipal
Climate Change
Action Centre

The Municipal Climate Change Action Centre was founded in 2009 as a collaborative initiative of Alberta Municipalities, Rural Municipalities of Alberta, and the Government of Alberta.