



Climate Action Plan

Quick Reference Guide

Here are the key takeaways we think you should know from the Lanark County Climate Action Plan, with quick reference to their respective sections.

Background

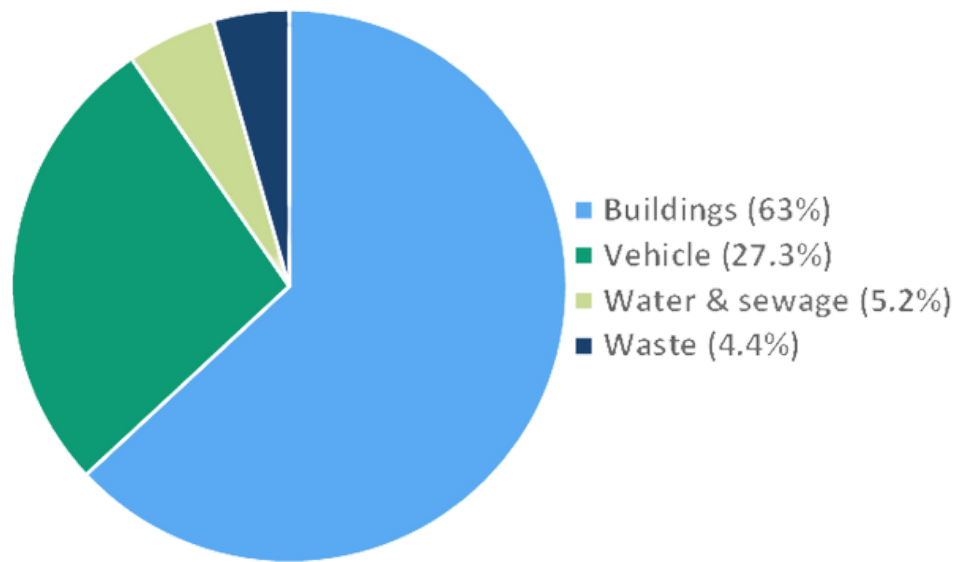
- Lanark County is a member of the Partners for Climate Protection (PCP) program, which is a national network of over 400 municipalities with a shared goal of taking action against climate change and reducing local greenhouse gas emissions.
- The publication of the Lanark County Climate Action Plan marks the completion of Milestone 3 of the PCP program.
- The Lanark County Climate Action Plan outlines how the County, municipalities, and community members can work together to reduce greenhouse gas emissions and create a more resilient community for the future.
- The plan includes corporate actions on education, transportation, buildings and energy, waste diversion and management, and the Lanark County Housing Corporation. Community actions focus on transportation, buildings and energy, natural heritage and resources, waste diversion and management, and planning.

Without climate action, Lanark County may experience:

- More frequent and extreme heat and drought, impacting local water supply and agricultural practices.
- Damage to homes, roads, and infrastructure from extreme weather events.
- Increased health and safety risks from heat stress, disease, extreme weather, and mental health stressors.
- Disruptions to the economy as infrastructure and assets are impacted.

Corporate Climate Action Plan (Pg 13-19)

- In 2019, Lanark County corporate operations emitted a total of **2,462 tonnes of CO₂e**.
- The largest source of corporate emissions are County-owned buildings, which account for 63% of total emissions (Figure 4).



Guiding Principles

1. Create a climate conscious culture and community
2. Eliminate fossil fuels
3. Optimize energy/water efficiency and increase renewable energy generation
4. Sustainably manage waste towards a circular economy

Corporate Emission Reduction Targets

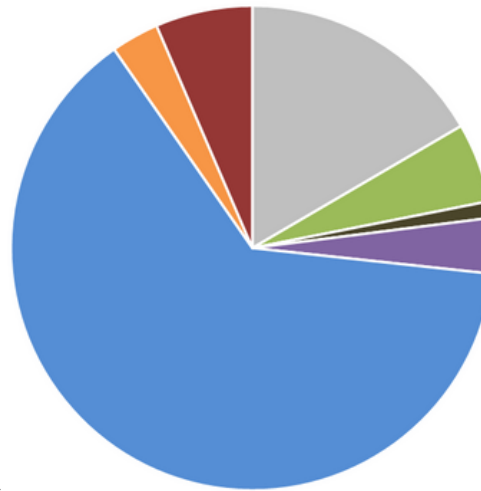
25% below 2019 levels by 2030

80% below 2019 levels by 2050

Themes	Summary of Goals
1. Education (Pg 14)	Assessing the climate impact of council decisions, raising staff awareness, and encouraging staff to reduce energy consumption in the office.
2. Transportation and equipment (Pg 15)	Transitioning to electric fleet, increasing electric vehicle infrastructure at County buildings, and purchasing electric power tools and equipment.
3. Buildings and energy (Pg 16)	Improving and optimizing building efficiency and assessing opportunities to utilize renewable energy where possible.
4. Waste diversion and management (Pg 17)	Reducing plastic waste and improving the corporation's waste diversion.
5. Lanark County Housing Corporation (Pg 17)	Assessing the efficiency of the Lanark County Housing Corporation building portfolio to reduce fossil fuel consumption and optimize energy efficiency where possible through deep retrofits, appliance upgrading, and renewable energy sources.

Community Climate Action Plan (Pg 19-29)

- In 2019, 696,972 tonnes of CO₂e were emitted from the Lanark County community as a whole.
- On-road transportation is the largest source of greenhouse gas emissions in the community, accounting for 63.6% of total emissions (Figure 7).



- Residential (16.6%)
- Commercial and institutional (5.3%)
- Manufacturing industries and construction (1.1%)
- Non-specified sources (3.7%)
- On-road transportation (63.6%)
- Solid waste (3.2%)
- Agricultural, forestry, and other land-use (6.5%)

Guiding Principles

1. Create a climate conscious culture and community
2. Eliminate fossil fuels
3. Optimize energy/water efficiency and increase renewable energy generation
4. Advance the use of nature based solutions in climate change management
5. Sustainably manage waste towards a circular economy
6. Collaborate with community stakeholders
7. Increase funding, accessibility, and education

Community Emission Reduction Targets

10% below 2019 levels by 2030

80% below 2019 levels by 2050

Themes	Summary of Goals
1. Transportation (Pg 22)	Transitioning to and promoting low carbon transportation through exploring low-carbon fuels, electric vehicles, active transportation, carpooling and rural transit options to reduce single occupancy vehicle trips.
2. Buildings and Energy (Pg 24)	Developing a home energy retrofit program, increasing energy/water retrofits in the industrial, commercial, and institutional sector.
3. Natural Heritage and Resources (Pg 25)	Protecting our natural heritage and resources that sequester carbon to maintain resiliency in the changing climate.
4. Waste Diversion and Management (Pg 27)	Identifying sustainable solid waste and recycling solutions and optimizing organic waste diversion.
5. Planning (Pg 29)	Consulting with community stakeholders in natural asset and climate change adaptation planning.

Implementing the Plan (Pg 29-34)

- To effectively respond to climate change, 8 major climate initiatives have been prioritized goals for the current council term (2023 - 2026).
- The Climate Action Plan will be reviewed every 4 years, within the first year of each Council term. These reviews will provide an opportunity to adjust the plan through the addition of new goals and removal of those that have been completed.

8 Priority Climate Initiatives for 2023-2026

1. Support the adoption of electric vehicles
2. Transition to low-carbon transportation when electric is not a viable solution
3. Advance transportation demand management programming and infrastructure
4. Increase the use of local and renewable energy generation and security
5. Improve energy efficiency of existing buildings
6. Sequester carbon and protect natural resources
7. Optimize organic waste diversion
8. Create a climate conscious community culture

Refer to Table 1 for details on specific approaches for each initiative (Pg 33)

We want your feedback!

To reach our emission reduction targets and adapt to the changing climate, we need community action.

Please complete our [survey](#) or provide feedback to climate@lanarkcounty.ca by August 28th, 2023. Survey link: <https://forms.gle/uccegSBPrAonHKHH9>

For more information and updates, follow us on Facebook:
[Lanark County Climate Action Information Page](#)