

**LANARK COUNTY CORPORATE CLIMATE ACTION TABLE**

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							
THEME	#	GOAL	POTENTIAL BENEFITS	COST AND FUNDING SOURCE	PERSON OR DEPARTMENT RESPONSIBLE	APPROXIMATE TIMEFRAME FOR COMPLETION	EXPECTED GHG REDUCTION
1. Education	1.1	Modify all Council reports to include a section for climate impact to assess every Council decision using the climate lens tool for whether it reduces or eliminates the use of fossil fuels and adheres to the four pillars of Sustainable Lanark	Reduce fossil fuels, encourage a climate conscious culture	None	CAO / Clerk	Short-term	Indirect; Medium
	1.2	Raise staff awareness of corporate climate initiatives through mini campaigns	Encourage a climate conscious culture	None	Climate Environmental Department	Mid-term	Indirect; Low
	1.3	Launch an Off Nightly/Mini campaign to encourage staff to turn off computers, printers, and lights over night or when not in use	Reduce energy costs, encourage a climate conscious culture	None	Climate Environmental Department	Short-term	Indirect; Low
2. Transportation & Equipment	2.1	Upgrade 16 gas and 3 diesel fleet vehicles to electric vehicles by 2030 when electric vehicles are available/vehicles reach end of life	Reduce fossil fuels, increase EV uptake	High; Public Works Budget	Director Public Works	Long-term	Direct; High
	2.2	Install electric vehicle charging stations at the county administration buildings for County fleet charging and for staff, councillors or the public to use	Reduce fossil fuels, encourage a climate conscious culture	Medium; Public Works / CC Budget	Facilities Coordinator	Short-term	Indirect; Low
	2.3	The procurement of any replacement or new County fleet or equipment be electric in nature, unless an electric option is not available	Reduce fossil fuels	Medium; Public Works Budget	Director Public Works	Short-term	Direct; Medium
	2.4	All new hand power tool purchases to be electric	Reduce fossil fuels	Low; Public Works Budget	Director Public Works	Short-term	Direct; Low
3. Buildings & Energy	3.1	Plan for the rebuild of all County buildings to be net zero	Reduce fossil fuel, reduce energy costs, reach net zero	High; County Budget	CAO	Long-term	Direct; High
	3.2	Conduct a building automation system maintenance/commissioning	Reduce fossil fuels, reduce energy costs	Low; County Budget	Facilities Coordinator	Short-term	Direct; Medium
	3.3	Install solar systems on municipal buildings where possible	Increase renewable energy generation, reduce fossil fuels	Medium; County Budget	Facilities Coordinator	Long-term	Direct; Medium
	3.4	Install motion sensors for indoor lighting and automatic timers on all equipment that can be turned off at night	Reduce energy costs	Low; County Budget	Facilities Coordinator	Short-term	Direct; Low
	3.5	Optimize heating and cooling efficiency in all County buildings to reduce energy consumption	Reduce fossil fuels, reduce energy costs	None	Facilities Coordinator	Short-term	Direct; Medium

<b>4. Waste Management &amp; Diversion</b>	4.1	Join the Blue Communities Project and phase out the sale of bottled water in municipal facilities and at municipal events	Reduce plastic waste, encourage a climate conscious culture	None	Climate Environmental Department & Local Municipalities	Short-term	Indirect; Low
	4.2	Install water refill stations in all municipal buildings to replace water coolers	Reduce fossil fuels from water transportation, reduce plastic waste	Low; County Budget	Facilities Coordinator	Mid-term	Indirect; Low
	4.3	Launch an enhanced recycling program for plastic, glass, metal and food waste (e.g., Terracycle 25% of waste)	Increase recycling, divert waste from landfills	Low; County Budget	Climate Environmental Department	Short-term	Indirect; Low
	4.4	Purchase 100% recycled paper	Reduce waste, encourage a climate conscious culture	Low; County Budget	All departments	Short-term	Indirect; Low
<b>5. Lanark County Housing Corporation</b>	5.1	Complete energy audits to identify the most effective energy-saving opportunities and prioritize projects when possible	Identify opportunities to improve efficiency and reduce energy costs and greenhouse gas emissions	High; GMF / Social Services Budget / CC Budget	Social Services Department	Mid-term	Indirect; High
	5.2	Construct new buildings to be energy efficient	Reduce fossil fuels, reduce energy costs	High; GMF / Social Services Budget	Social Services Department	Long-term	Direct; High
	5.3	Consider electric heat pumps in the replacement of electrical baseboards and gas furnances/boilers at end of life	Reduce fossil fuels, reduce energy costs, increase tenant comfort	High; GMF / Social Services Budget	Social Services Department	Long-term	Direct; High
	5.4	Improve building envelope performance to reduce demand on heating and cooling systems, reduce energy loss, and increase tenant comfort (e.g., increase existing insulation, replace windows and doors with high efficiency models as needed)	Reduce fossil fuels, reduce energy costs, increase tenant comfort	Medium; Social Services Budget	Social Services Department	Long-term	Direct; High
	5.5	Improve domestic hot and cold water system efficiency to reduce energy costs and losses (e.g., upgrading to high efficiency systems when system is at end of life, installing pipe insulation and tank insulator blankets etc.)	Reduce fossil fuels, improve efficiency, reduce energy costs	Medium; Social Services Budget	Social Services Department	Long-term	Direct; Medium
	5.6	Replace appliances beyond their service life with Energy Star models	Reduce fossil fuels, improve efficiency, reduce energy costs	Medium; Social Services Budget	Social Services Department	Long-term	Direct; Medium
	5.7	Encourage energy efficient practices by increasing tenant education (e.g., providing energy efficient tips through mailing list, posters in common spaces etc.)	Improve efficiency, reduce energy costs	None	Climate Environmental Department / Social Services Department	Short-term	Indirect; Low
	5.8	Explore the conversion of areas to pollinator habitat on managed properties	Increase pollinator habitat, reduce emissions from mowing and maintenance, increase resident engagement	Low; CC budget	Climate Environmental Department / Social Services Department	Short-term	Direct; Low

**LEGEND**

**Cost and Funding Source**

**Low < \$10,000**

**Medium \$10,000 - \$100,000**

**High > \$100,000**

**Approximate Timeframe for Completion**

Short-term 1-2 years

Mid-term 3-6 years

Long-term 7-10 years

**DEFINITIONS**

**GMF = Green Municipal Fund**

**CC budget = climate change budget**

**CAO = Chief Administrative Officer**

**Direct = directly reduces greenhouse gases (measurable)**

**Indirect = indirectly reduces greenhouse gases (not measurable)**