

**Project Factsheet:**

# CITY OF LANCASTER MUNICIPAL OPERATIONS CLIMATE ACTION PLAN

## CITY OF LANCASTER – LEADING BY EXAMPLE

The City of Lancaster’s core mission is to serve its residents, businesses, and environment. Throughout its nearly 300-year history, the City has proven resilient and adaptive to rapid shifts in industry, transportation, and technology, among other changing conditions. This flexibility has been a vital asset, which is evident in Lancaster’s adaptive reuse of warehouses and changing farm practices, and it will be key to the City’s efforts to prepare for the effects of climate change. Decreasing emissions can lead to increased prosperity, and adapting to changing climate will require smarter infrastructure. Building on the spirit of ingenuity that has always helped drive Lancaster, the City’s Municipal Operations Climate Action Plan affirms a renewed commitment to the future of Lancaster City.

## NEXT STEPS

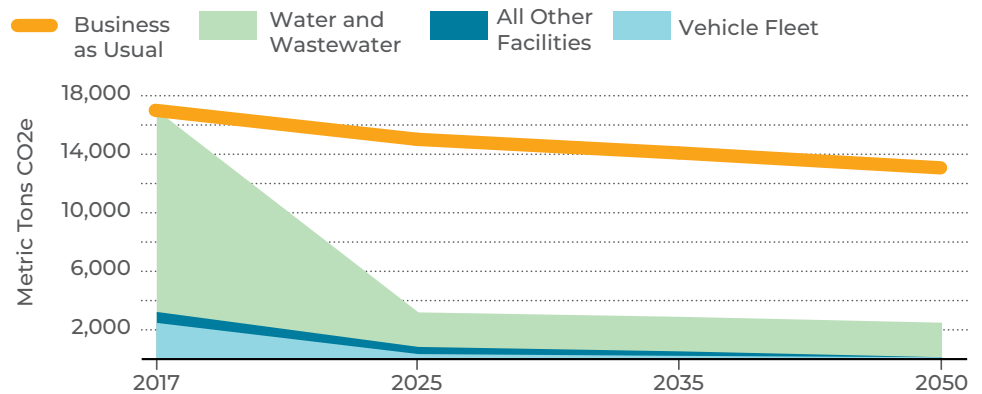
- Plan adoption by City Council
- Establish implementation working group/committee
- Prioritize and integrate into existing municipal functions
- Share ongoing progress with community
- Develop community-scale planning process for Lancaster City Climate Action Plan in the near future

## VISION STATEMENT:

The City of Lancaster equitably implements innovative, collaborative and fiscally responsible strategies to reduce greenhouse gas emissions and build resilience to impacts of climate change.

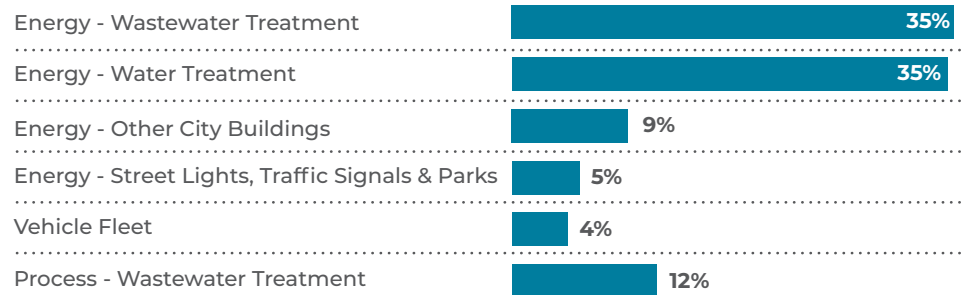
### Metric Tons CO<sub>2</sub>e Emitted After Actions

By 2025, the City will reduce its municipal operations by 79%, 80% by 2035, and 81% by 2050.



### City of Lancaster 2017 Baseline Emissions by Sector (17,012 MT CO<sub>2</sub>e)

The City has been tracking greenhouse gases (GHGs) emitted through municipal operations for several years. This profile helps the City set goals and develop strategies to reduce emissions and adapt to changes in climate while creating a more efficient and resilient municipal operation.



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## OVERVIEW OF GOALS AND STRATEGIES

	Goals	2025	2035	2050	Strategies
Energy	Reduce municipal energy consumption through energy efficiency improvements.	25%	40%	50%	<ul style="list-style-type: none"> <li>Reduce energy consumption in municipal buildings through energy efficiency</li> <li>Increase renewable energy through on-site and offsite generation</li> <li>Consider electrification of buildings</li> <li>Improve energy habits among building occupants</li> <li>Improve streetlight efficiency</li> <li>Establish efficiency and renewable energy requirements for all future new construction municipal buildings</li> </ul>
	Transition to renewable energy sources from a mix of onsite or offsite options.	100%	100%	100%	
	All new construction of municipal facilities to be built to highest efficiency standards (IECC), and a percentage of renewable energy sourced, with a progressive goal of carbon neutral/net zero buildings.	Highest efficiency standards	Carbon neutral	Carbon neutral	
Vehicle Fleet	Reduce fuel emissions through reduced vehicle miles traveled, when possible, across the municipal fleet.	15% reduction of VMT	20% reduction of VMT	30% reduction of VMT	<ul style="list-style-type: none"> <li>Conduct a fleet analysis</li> <li>Increase number of lower carbon vehicles</li> <li>Expand employee bike share</li> <li>Integrate employee transportation demand management</li> </ul>
	Reduce fuel emissions through cleaner fuel technologies, when possible, across the municipal fleet.	10% of eligible vehicles	25% of eligible vehicles	100% eligible vehicles	
Waste	Divert the amount of landfill waste contributed by municipal facilities that cannot be transferred to energy, including construction debris, some organics and wastewater-produced biosolids.	25% diversion of waste to landfill	70% diversion of waste to landfill	Zero waste in municipal facilities	<ul style="list-style-type: none"> <li>Conduct waste analysis for municipal buildings</li> <li>Implement food composting in municipal buildings</li> <li>Commit to adaptive reuse of city buildings and construction recycling</li> <li>Reduce employee waste</li> <li>Reuse office equipment</li> </ul>
Water / Wastewater/ Stormwater	Reduce water consumption on city properties.				<ul style="list-style-type: none"> <li>Implement energy efficiency strategies at water and wastewater facilities</li> <li>Conduct combined heat and power/ renewable energy feasibility study at wastewater plant</li> <li>Conduct water audits in all facilities</li> <li>Retrofit all facilities with water-efficient features</li> <li>Continue to implement green infrastructure improvements to ease flooding in key areas</li> </ul>
	Reduce stormwater entering into the system through conservation, green infrastructure and technology.				
Building a Culture of Sustainability	*In addition to these goals, some strategies for reducing energy use in Water and Wastewater processes are addressed in the Energy section.				<ul style="list-style-type: none"> <li>Dedicate additional staff to lead city climate action</li> <li>Establish a green team</li> <li>Develop a green meetings policy</li> <li>Integrate climate/sustainability into municipal processes</li> <li>Implement climate-sensitive purchasing guidelines</li> </ul>
	Reduce excess energy and water consumption by City employees.				
	Reduce the emissions impact of City employees travel to and from work.				
	Reduce upstream and downstream emissions by assessing citywide purchasing practices at citywide level.				
	Establish community-wide connections to municipal climate action, designed to encourage broad-based community support and action.				

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