



CITY OF
MERCER ISLAND

Sustainability Work Program Update

AB6872

March 3rd, 2026

Agenda

- Review Climate Action Plan & Targets
- 2025 Project Highlights:
 - 2024 Greenhouse Gas Report Results
 - 2025 PSE Green Power Campaign
 - Energy Smart Eastside Program
- CAP Implementation Dashboard
- 2026 Projects

Climate Action Plan Overview

Greenhouse Gas Reduction Targets

➤ **50% by 2030**

➤ **75% by 2040**

➤ **95% by 2050**

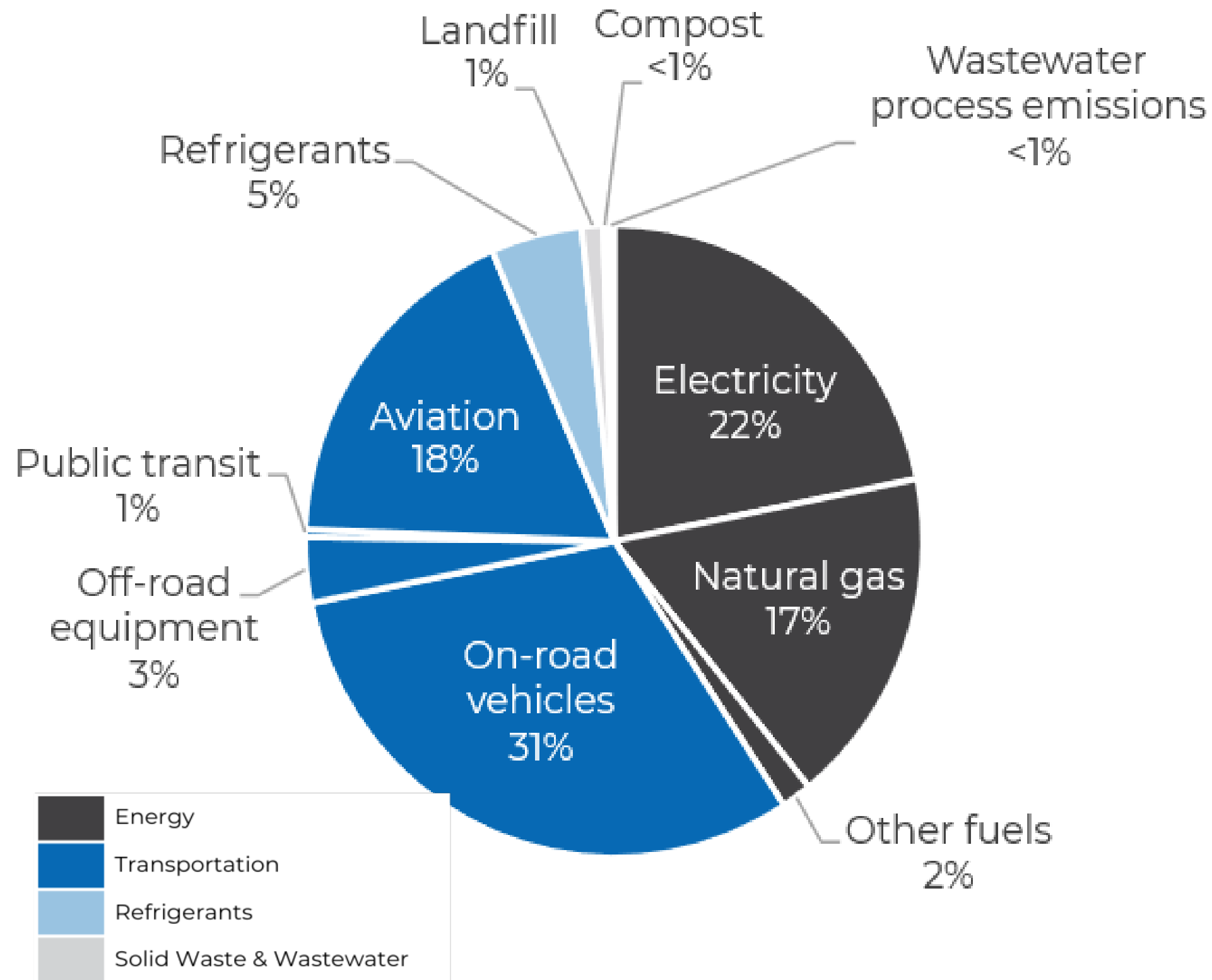
Compared to a 2007
baseline

The City's Climate Action Plan (CAP) was adopted by Council in April 2023 and consists of 59 Actions divided among 6 Focus Areas.

The CAP outlines a roadmap for the City to meet its greenhouse gas (GHG) reduction commitments and other climate resiliency goals.

2024 Greenhouse Gas Report

Total Community Emissions, by Source



Key Findings

➤ -0.7% compared to 2023

➤ -8% compared to 2007 baseline

➤ -21% per capita emissions compared to 2007 baseline

➤ -14% in municipal operations emissions compared to 2023

OVERVIEW

306K

2024 MTCO_{2e}

MTCO_{2e}

Metric tons of carbon dioxide equivalence. Reporting in MTCO_{2e} normalizes different greenhouse gases (GHGs) in a comparable way.

TARGET

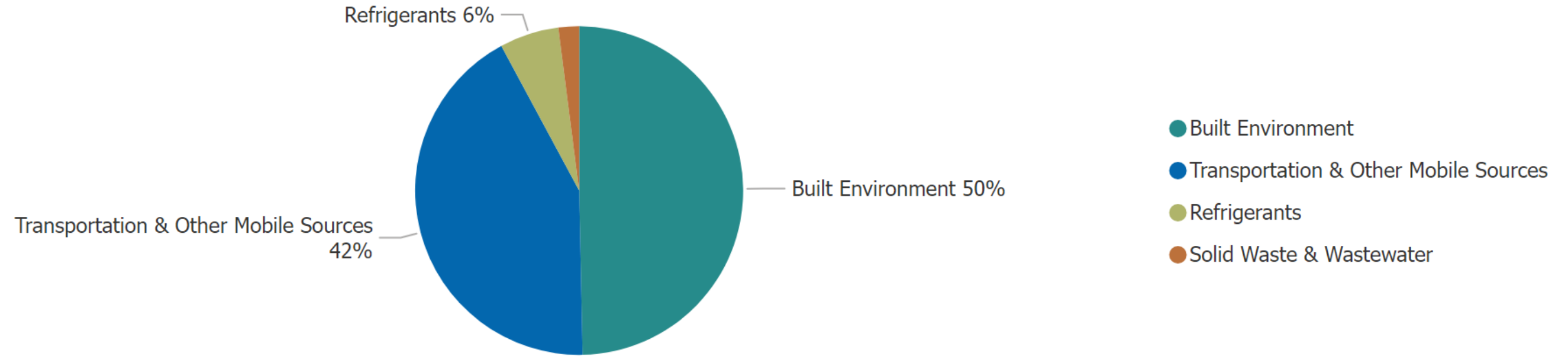
50% GHG reduction by 2030, 75% by 2040, and 95% reduction compared to a 2007 baseline.

KEY TAKEAWAYS

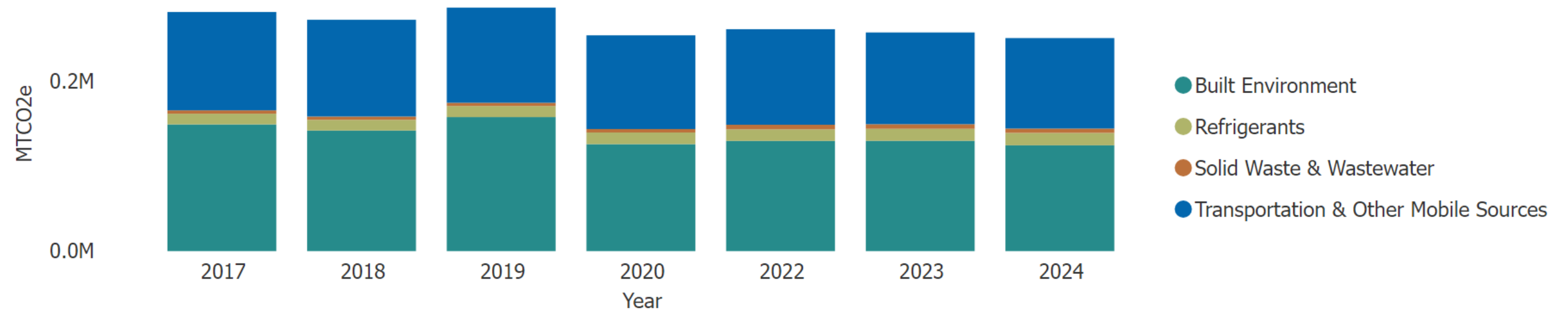
Building energy and transportation are the largest community GHG emissions sources.

Overall communitywide GHG emissions have remained relatively constant since 2017.

2024 Emissions, by Sector



Communitywide Emissions, by Sector and Year



*Aviation emissions were removed from the Communitywide Emissions, by Sector and Year chart to maintain comparability to 2017. Aviation emissions are included in the 2024 total and 2024 Emissions, by Sector pie chart. An inventory was not completed for 2021.

Overview

Built Environment

Transportation

Solid Waste &...

Municipal Operations

MUNICIPAL OPERATIONS

1,124
2024 MTCO_{2e}

GOAL

Reduce overall community and municipal GHG emissions, integrate climate considerations into City reporting and decision-making, and encourage community members to participate in local climate action.

TARGET

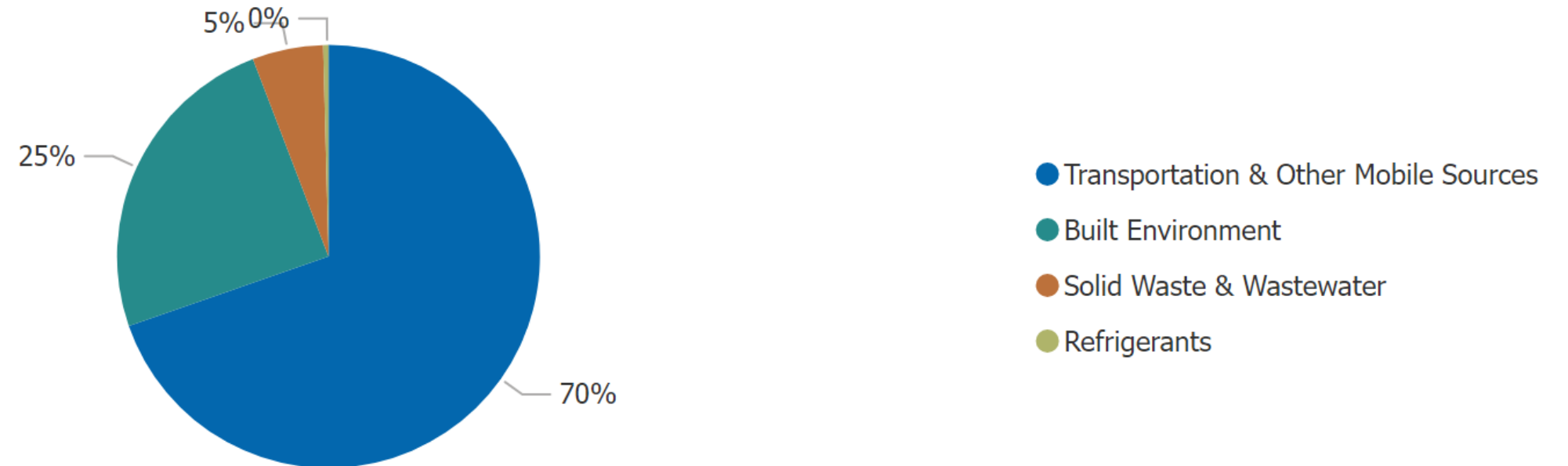
Carbon neutral municipal operations by 2030.

KEY TAKEAWAYS

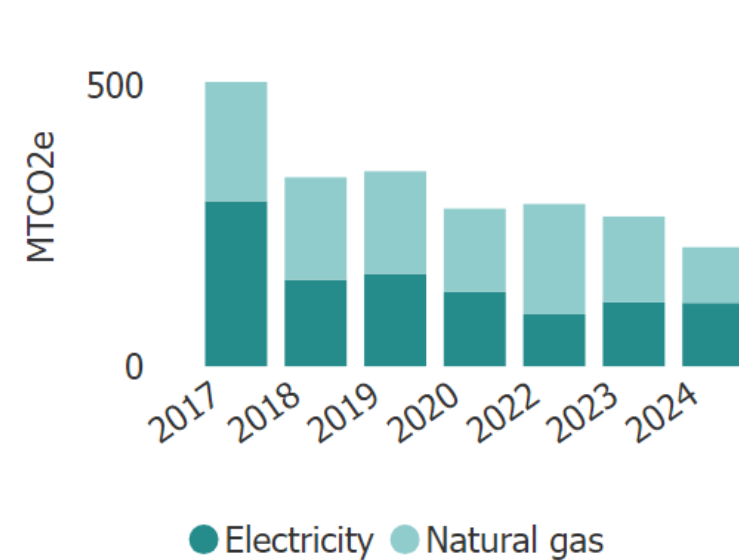
Building electricity emissions have decreased over time due to Green Program participation, while natural gas emissions have fluctuated, but in 2024 have decreased since 2020.

Energy, transportation, and solid waste emissions have decreased since 2017.

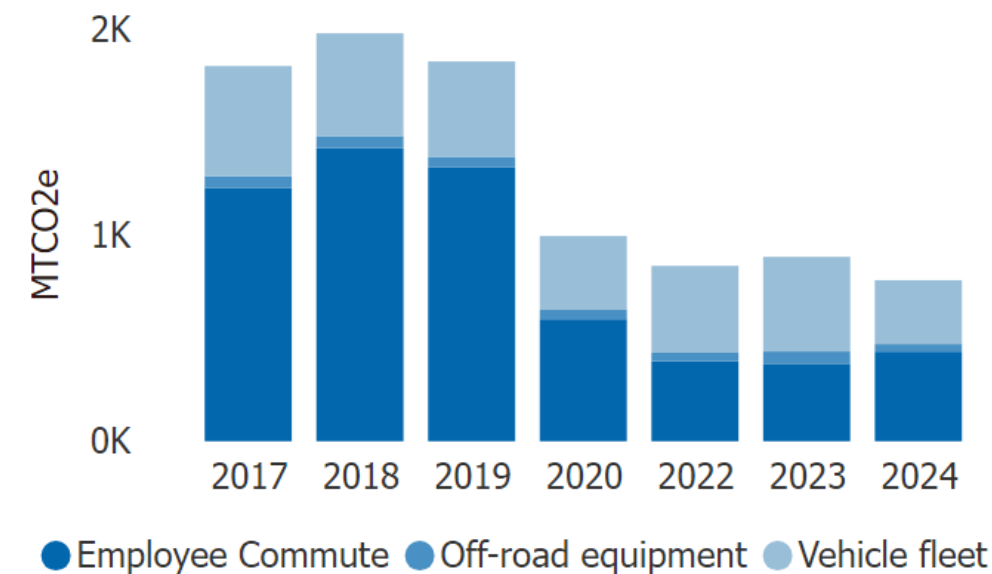
Municipal Operations Emissions, by Sector



Energy Emissions

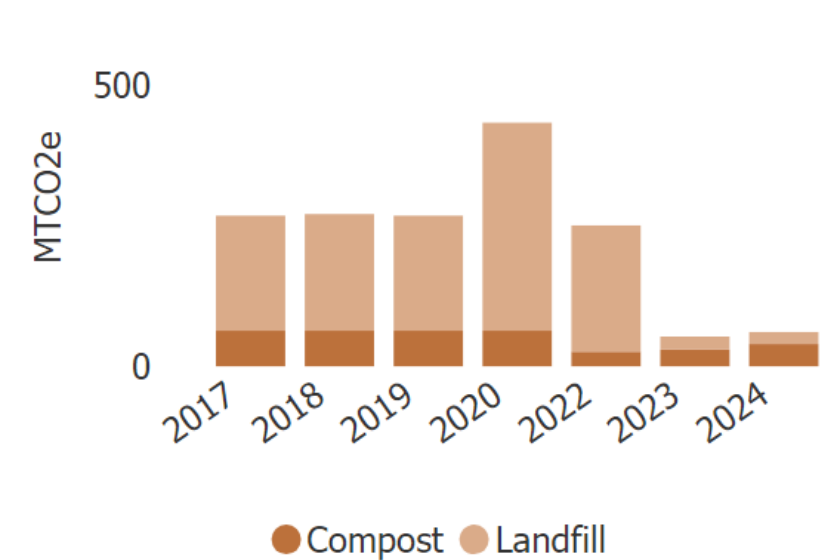


Transportation Emissions



*Business travel emissions are removed from the Transportation Emissions chart to maintain comparability to 2017 transportation emissions.

Solid Waste Emissions



*Updated waste audits were completed in 2024 to ensure accuracy in waste tracking, resulting in the significant difference in reported totals from 2022 to 2023.

Overview

Built Environment

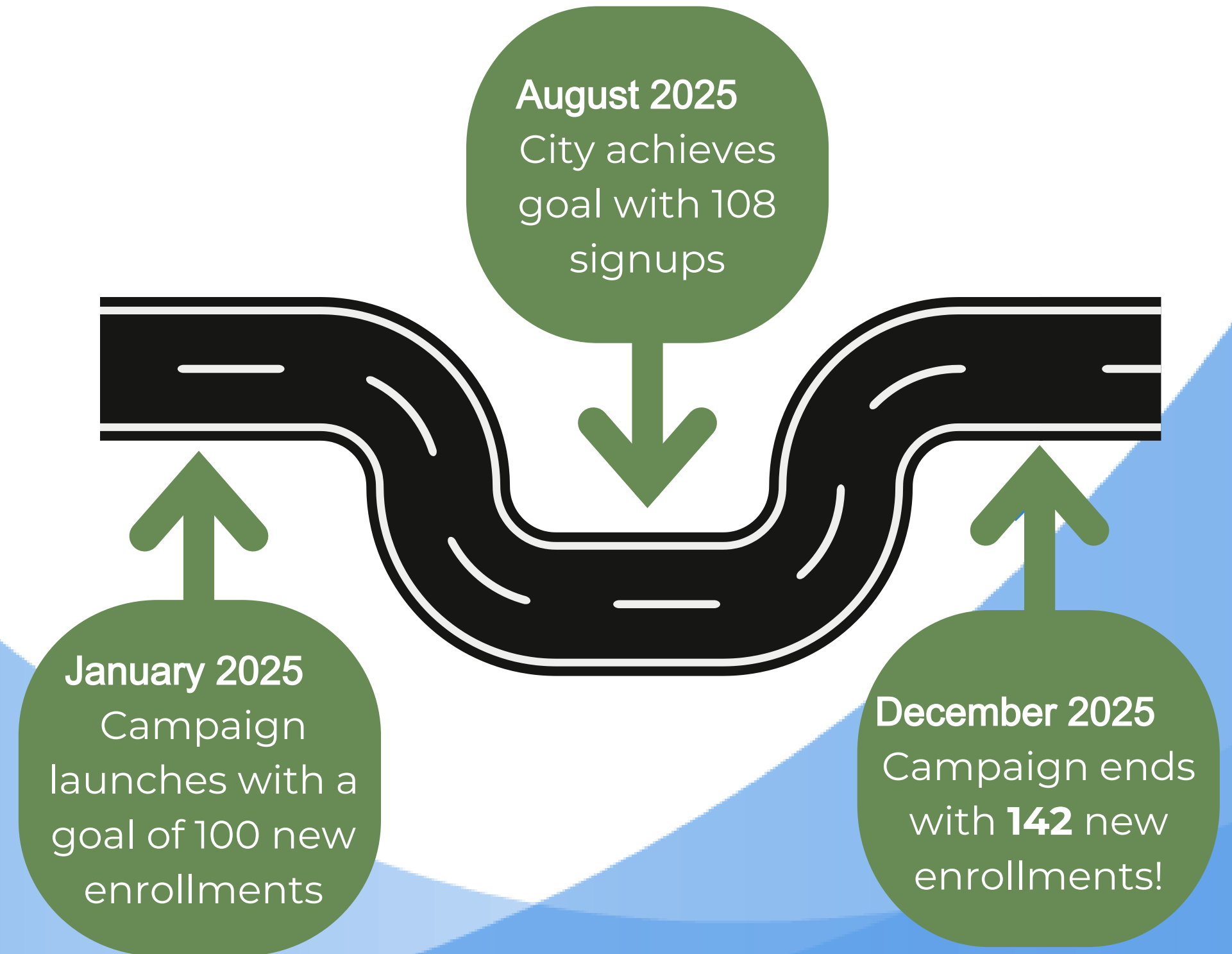
Transportation

Solid Waste &...

Municipal Operations

2025 PSE Green Power Campaign

- PSE Green Power Program matches participant's electricity use with renewable energy
- PSE pledged \$10,000 toward a new community solar panel project on the Island for achieving 100 new enrollments
 - Award amount increased to \$12,500, after City exceeded the enrollment goal by 42%!

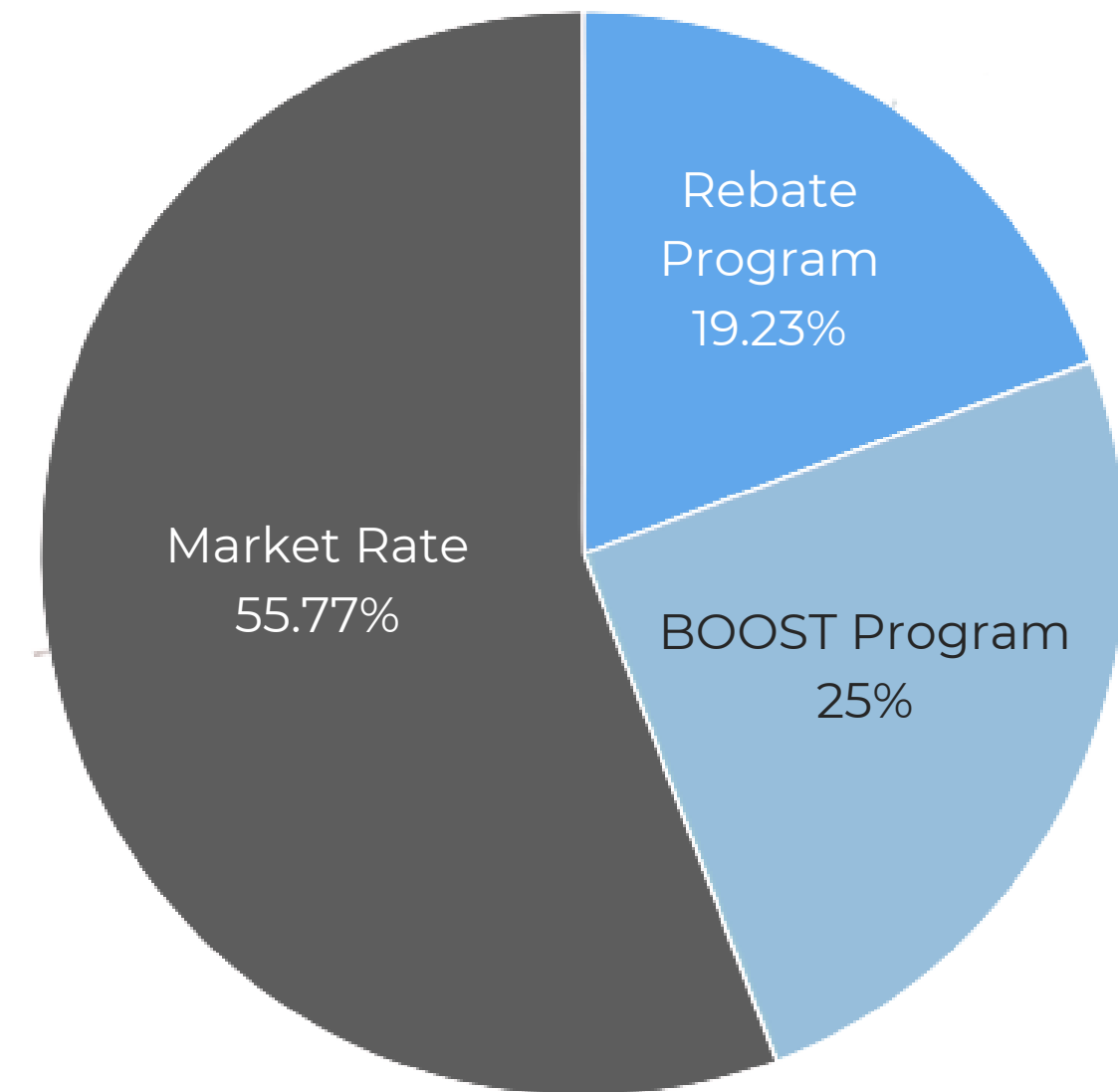


Energy Smart Eastside Program

- Joint program through the Eastside Climate Partnership
- Educates residents on the benefits of heat pumps and provides incentives based on income qualification
- 26 heat pump installations in 2025



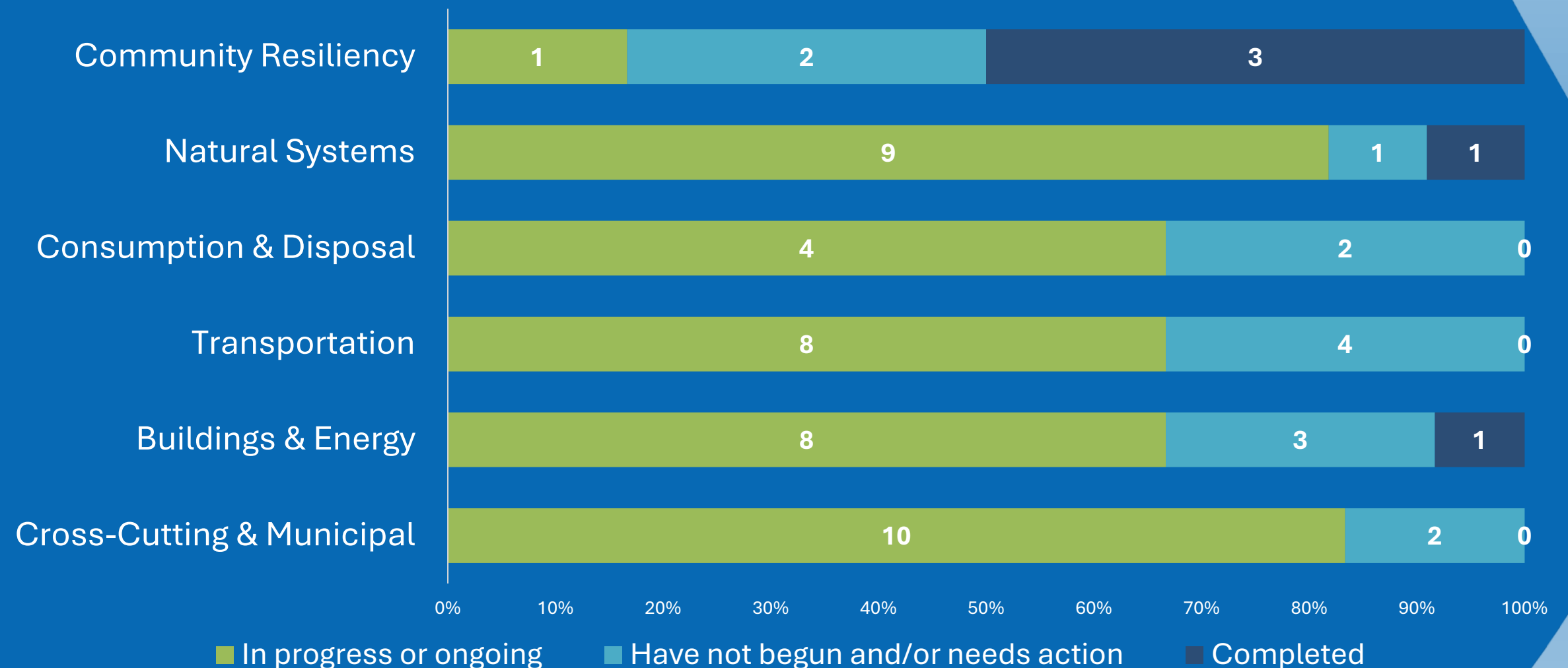
Total # of Program Heat Pump Installations



Climate Action Plan Implementation Dashboard

Dashboard now live on the City website to provide visibility into the implementation progress of the CAP

>75%
of CAP Actions
either
underway or
complete!



City of Mercer Island Climate Action Plan Implementation Dashboard



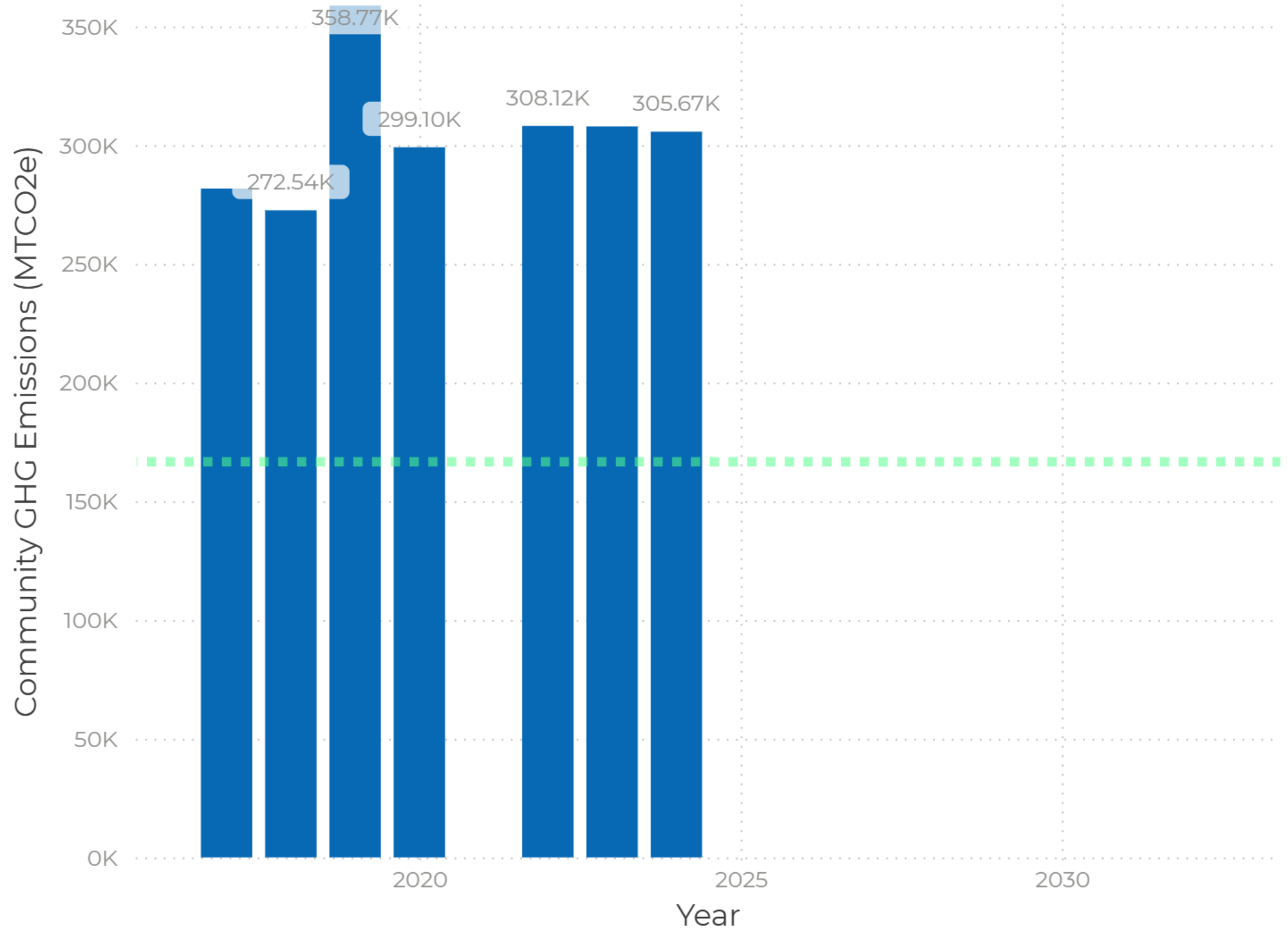
The CAP set a suite of 2030 and 2050 targets for each Focus Area. To see how the City is trending towards the 2030 targets, start by selecting a Key Performance Indicator from the drop-down list below.

Select a Key Performance Indicator (KPI)

Community GHG Emissions (MTCO2e) ▾

KPI Information	Community GHG emissions (MTCO2e)
Strategies	Engage and support community climate action.
Focus Area	Cross-Cutting & Municipal
Baseline Year	2007
2030 CAP Target Status	Still working toward target
2030 CAP Target	-50% (decrease from baseline)

Community GHG Emissions (MTCO2e)



*Some KPIs included here do not have target defined in the CAP. 2030 targets appear on the graph as a dashed green line.

2026 Projects

- Finalize development of Electric Vehicle Charging Infrastructure Plan and begin implementation
- Begin outlining Environmentally Preferable Purchasing Policy



Thank you



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