

Greenhouse Gas Emissions Inventory

City of Pasadena

May 14, 2024

Meeting Agenda

Introductions

- Project Team

Background

- Key Climate Regulations
- Project Purpose

Status Report

- GHG Emissions Inventory
 - Community
 - Municipal
- Progress since 2009 and 2013
- GHG Emissions Forecast

Discussion

- Q&A

Project Team

City of Pasadena

- Martin Potter, Principal Planner
- Ursula Schmidt, Water Conservation Programs Manager
- Jessica Hernandez, Senior Customer Program Analyst

Rincon Consultants, Inc.

- Erik Feldman, Principal-in-Charge
- Hannah Mize, Project Manager
- Joanna Thelen, Lead Analyst



Key Climate Regulation

Senate Bill 32

- 40 percent below 1990 levels by 2030

Assembly Bill 1279 (California Climate Crisis Act)

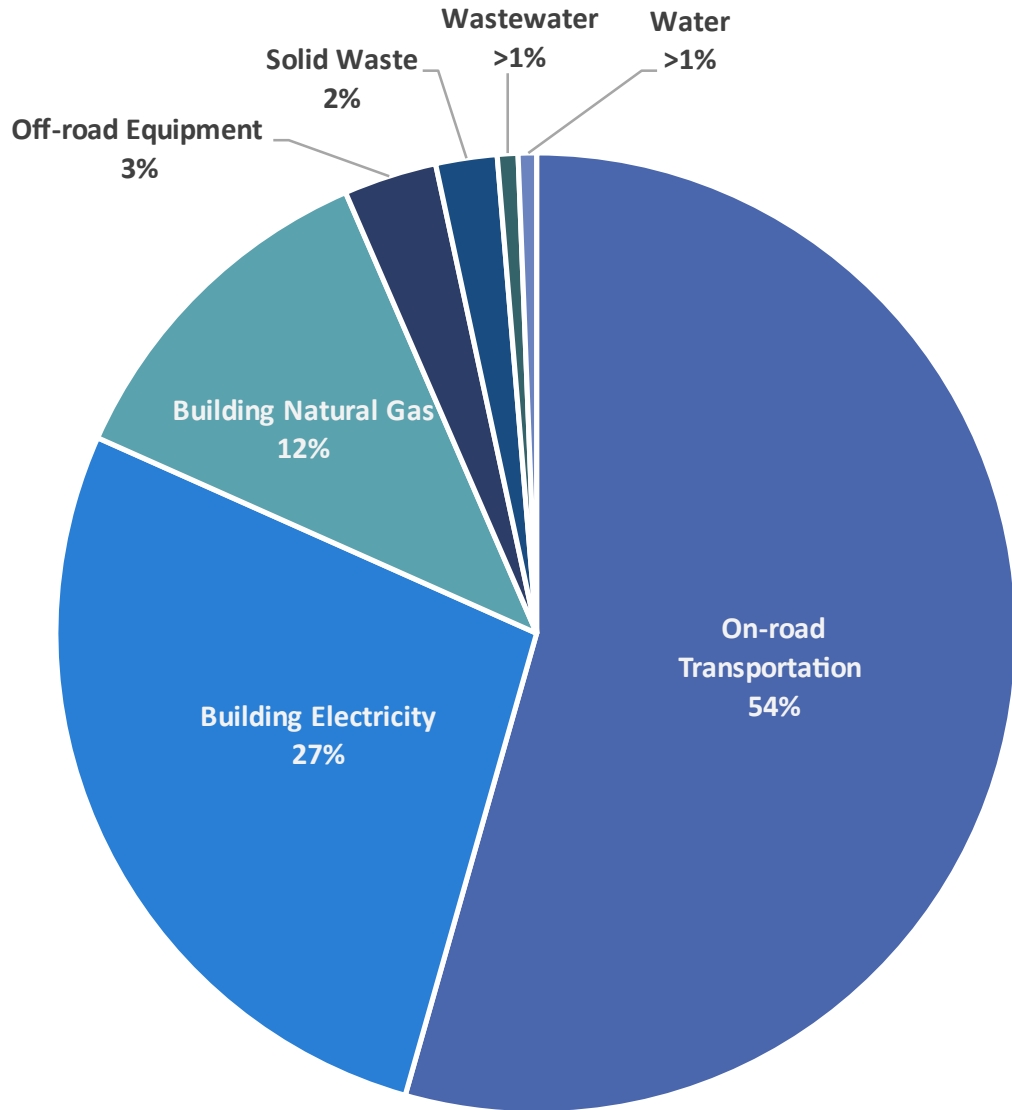
- Carbon neutrality by 2045

Project Purpose

- Aligns the City with current best practices as specified in the State's 2022 Scoping Plan
- Provides current emissions snapshot
- Foundation for the CAP Update

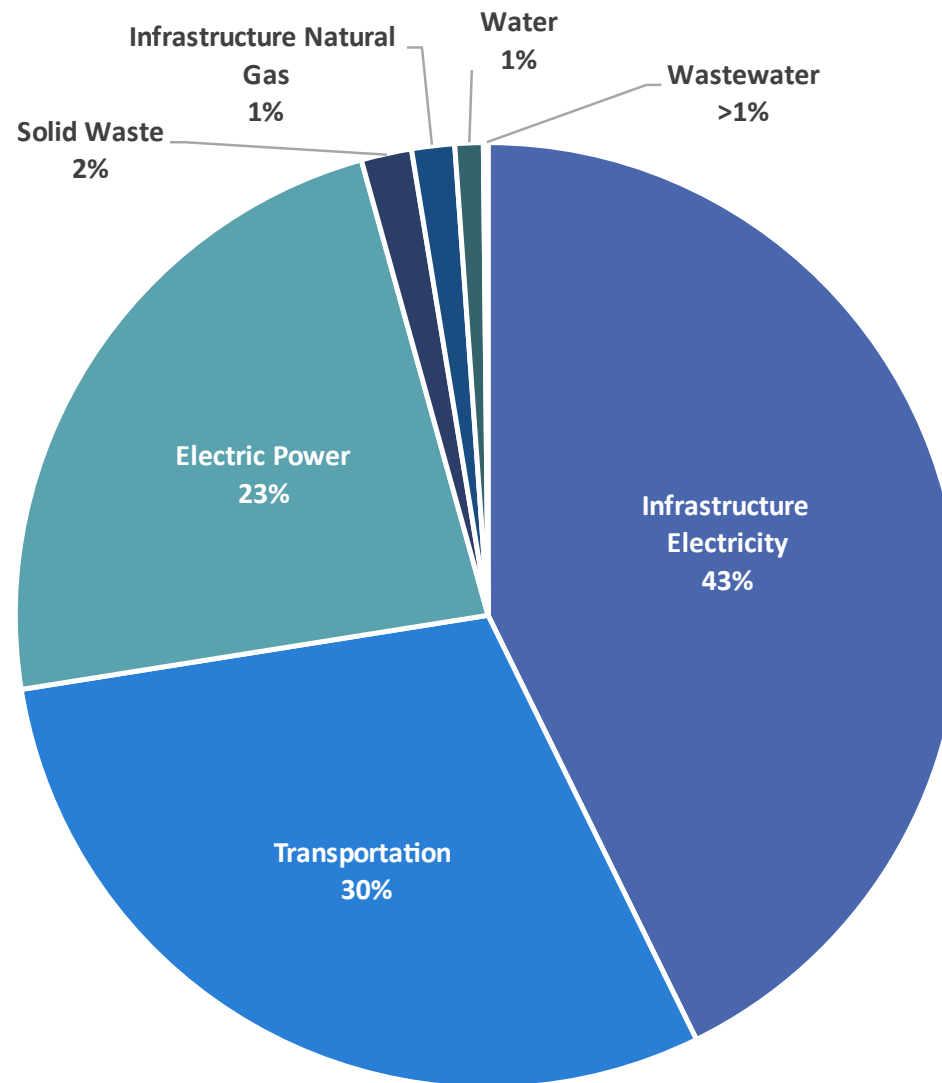


Community
GHG
Emissions
Inventory
(2021)



1,572,993 MT CO₂e

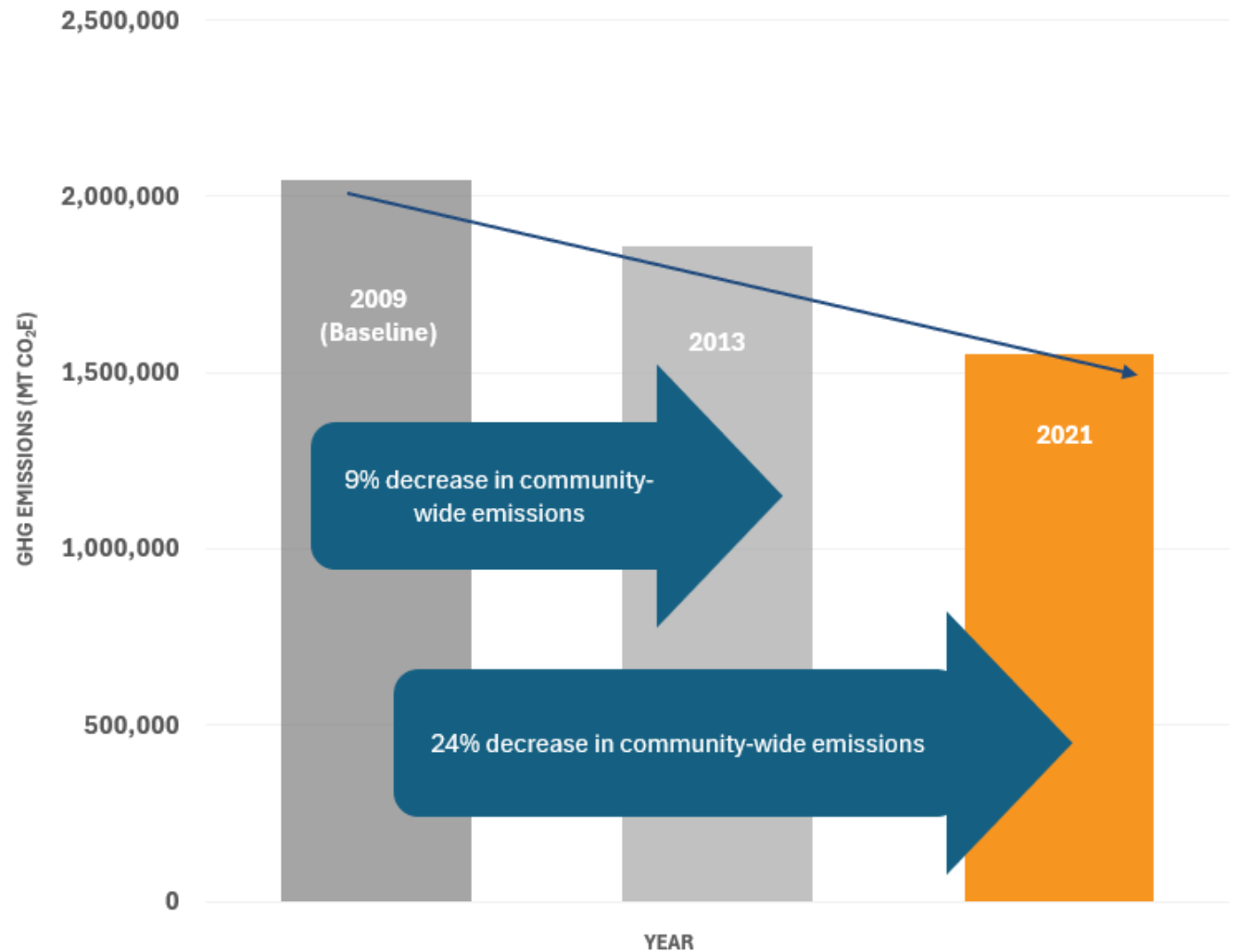
Municipal GHG Emissions Inventory (2021)



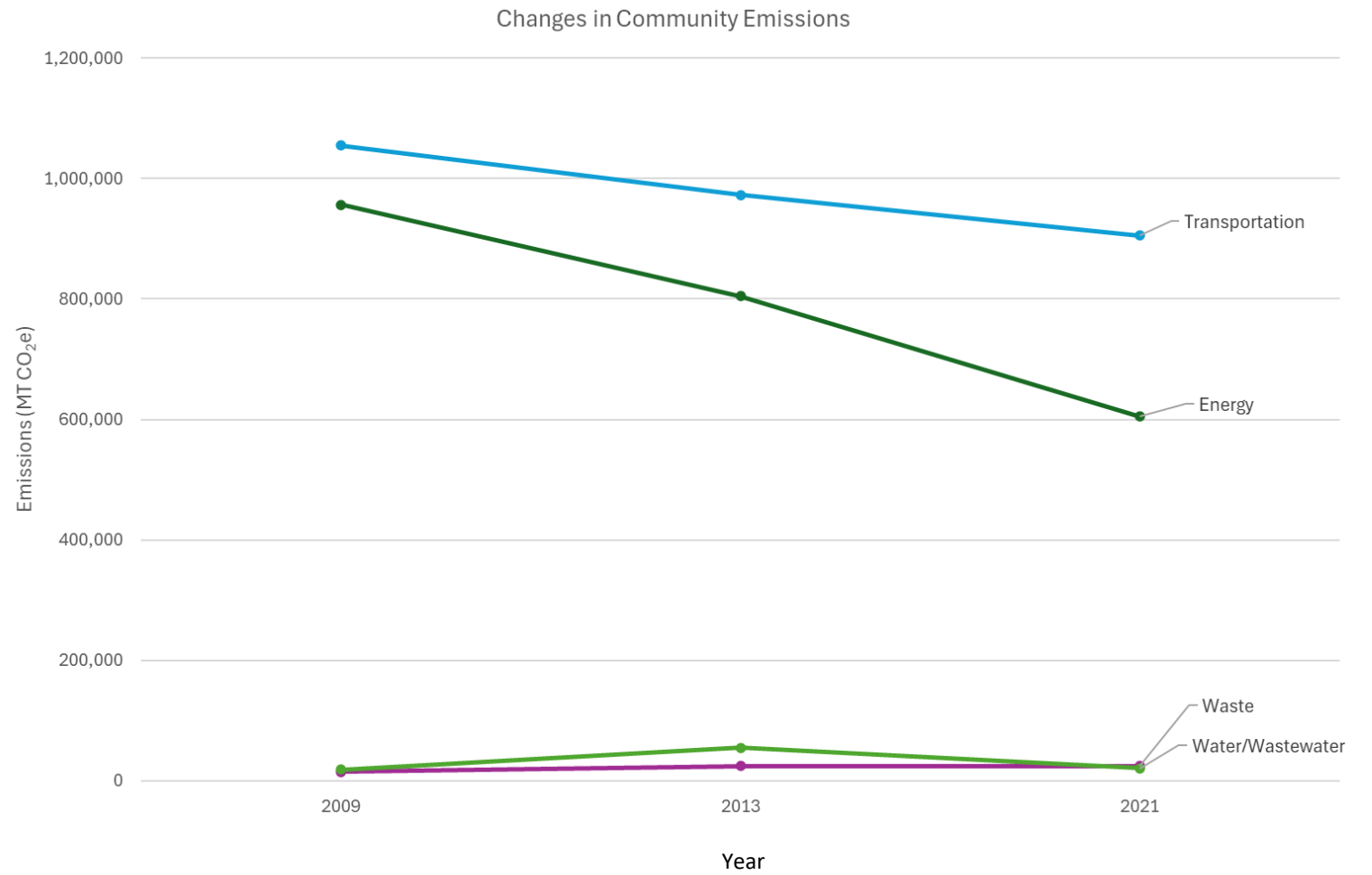
50,939 MT CO₂e

GHG Emissions Trends

City of Pasadena Community-wide GHG Emissions
(2009 - 2021)

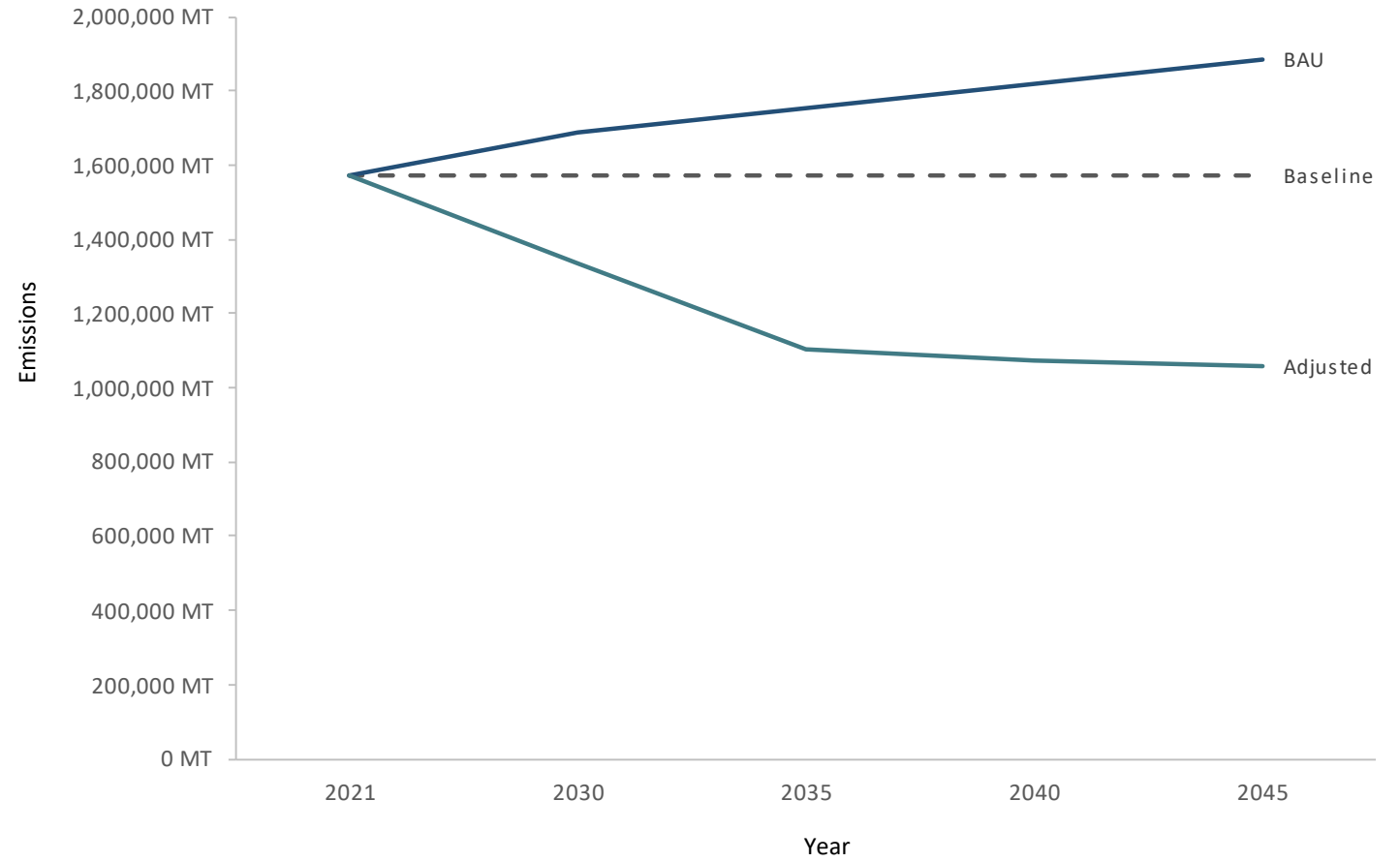


Changes in Community Emissions by Sector

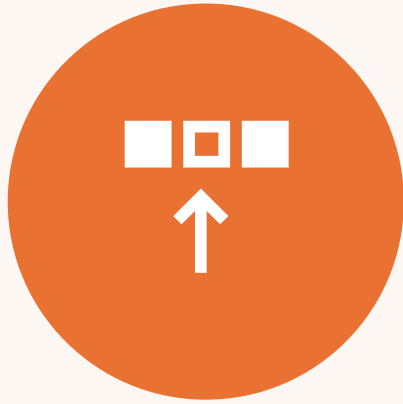


GHG Emissions Forecasts

Pasadena CO₂e Forecast Scenarios



Next Steps



UPDATE CAP



IMPLEMENT MEASURES
AND ACTIONS



CONTINUE TO TRACK
REGULAR PROGRESS



187 PASADENA

27 THILL TR

F1459

Discussion