



# Climate Action Plan – 2023 Technical Update

August 9, 2023



# Tonight's Agenda

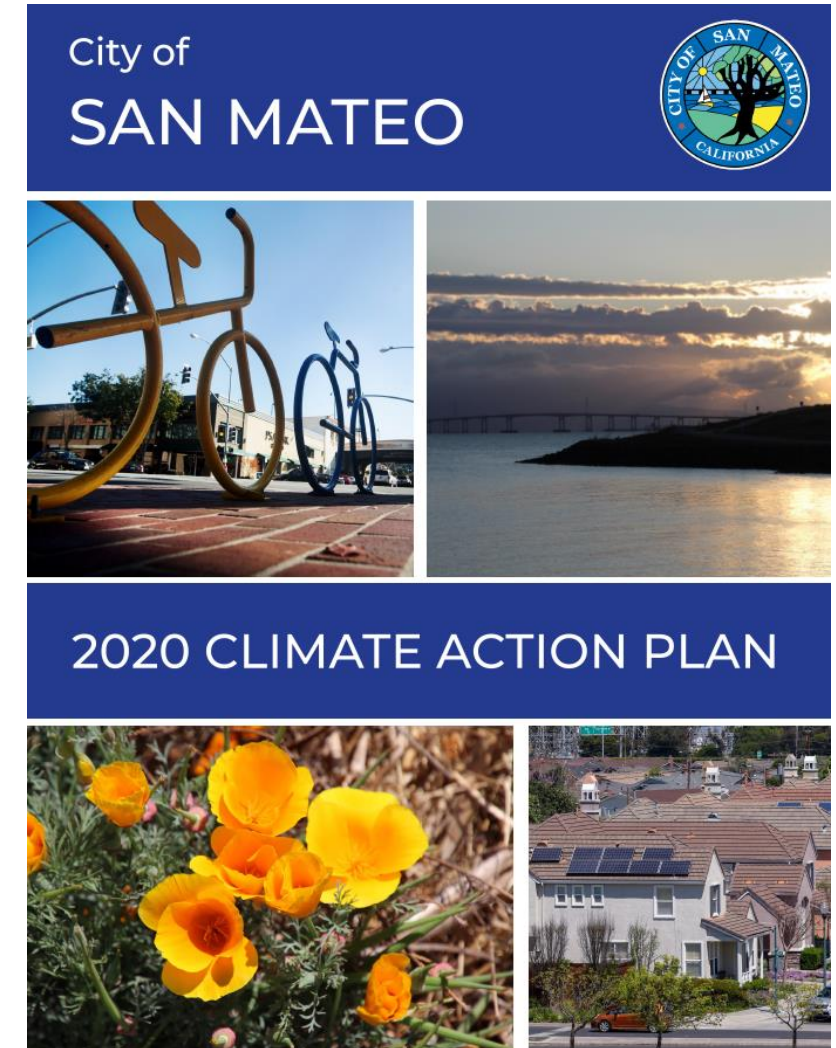
- » **Climate Action Plan Overview**
- » **2023 Technical Update**
  - Reasons for Update
  - Changes Made
- » **Commission Review and Recommendation**



# Climate Action Plan Overview

# San Mateo Climate Action Plan

- » **City's comprehensive strategy to reduce GHG emissions.**
  - Implementation program of the 2030 General Plan.
- » **First prepared in 2015, based on earlier plans from 2007-2010.**
- » **Updated in 2020.**
- » **Serves as a “CEQA Qualified” GHG Reduction Strategy.**



# Sections of Climate Action Plan



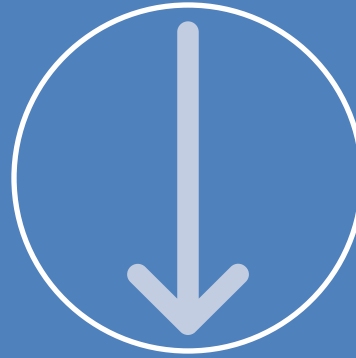
Executive  
Summary



Chapter 1:  
Introduction  
and Purpose



Chapter 2:  
GHG  
Inventories,  
Forecasts, and  
Reduction  
Targets



Chapter 3:  
Strategies to  
Achieve the  
Target



Chapter 4:  
Implementation



CAP Consistency  
Checklist and  
other  
appendices

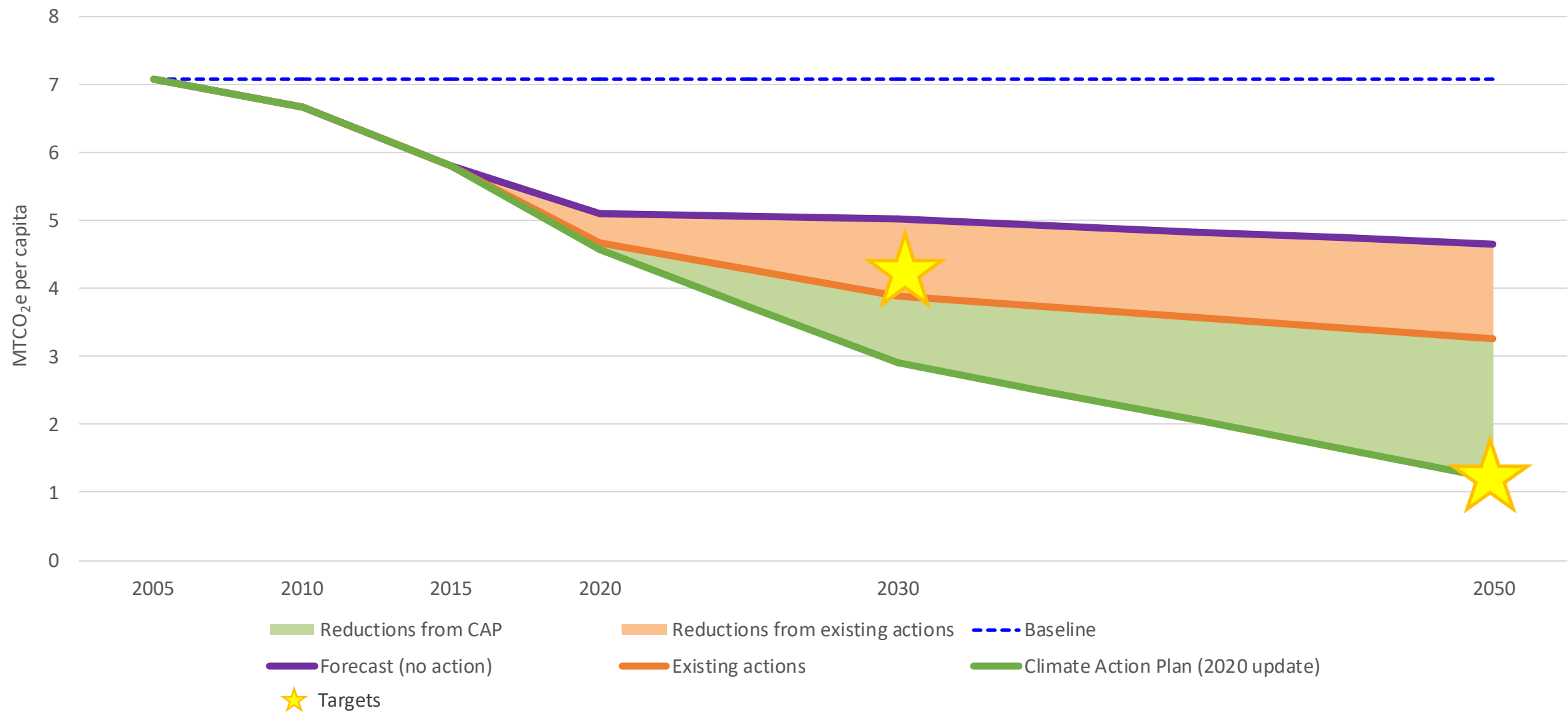




# Targets in Climate Action Plan

- » **At the time of adoption, State recommended per-capita targets for community-wide CAPs from 2017 Scoping Plan.**
  - 6.0 MTCO<sub>2</sub>e per-person by 2030
  - 2.0 MTCO<sub>2</sub>e per person by 2050
- » **2020 CAP set locally-relevant targets based on State recommendations.**
  - 4.3 MTCO<sub>2</sub>e per-person by 2030
  - 1.2 MTCO<sub>2</sub>e per person by 2050

# Per Capita - Emissions with Climate Action Plan (2020)



# 2023 Technical Update



# Changing Demographics

- » **The 2020 CAP assumed future demographics based on the 2030 General Plan.**
- » **The General Plan is currently being updated.**
  - Assumes more people in the future than were assumed in the 2030 General Plan.
- » **The CAP 2023 Technical Update is part of Strive San Mateo 2040 General Plan.**



# Demographic Comparison

	2019	2030		2040	
	Baseline conditions	2030 General Plan	2040 General Plan	2030 General Plan	2040 General Plan
Population	104,600	123,200	129,210	133,010	156,590
Households	39,770	48,180	49,260	50,830	59,840
Jobs	61,230	66,510	69,400	68,101	82,310

# Consistency with New Regulations

## » **State adopted AB 1279 in September 2022.**

- Sets new long-term GHG reduction target: 85% below 1990 levels and net carbon neutrality by 2045.
- Previous long-term target (established by Executive Order S-03-05): 80% below 1990 level by 2050.
- No change to 2030 target (40% below 1990 levels).

## » **Climate Change Scoping Plan updated in December 2022.**

- No longer recommends use of per-capita GHG reduction targets for local governments.
- Recommends consistency with State reduction targets.

# Updates to CAP

# Update Summary

## » This is a technical update.

- Incorporates new 2019 GHG inventory.
- Updates forecast to align with the draft 2040 General Plan.
- Assesses additional reductions from new State, regional, and local actions.
- Re-quantifies GHG reduction strategies to match and build from current conditions and show a path to new GHG reduction targets.



# GHG Reduction Strategies

- » **City's overall commitment to GHG reduction remains the same.**
- » **No substantial changes to GHG reduction strategies.**
  - Minor changes to CF-4 to include other zero-emission heavy-duty vehicles.
- » **Increases performance assumptions to match current conditions and State/regional trends.**
- » **No changes to implementation approach.**

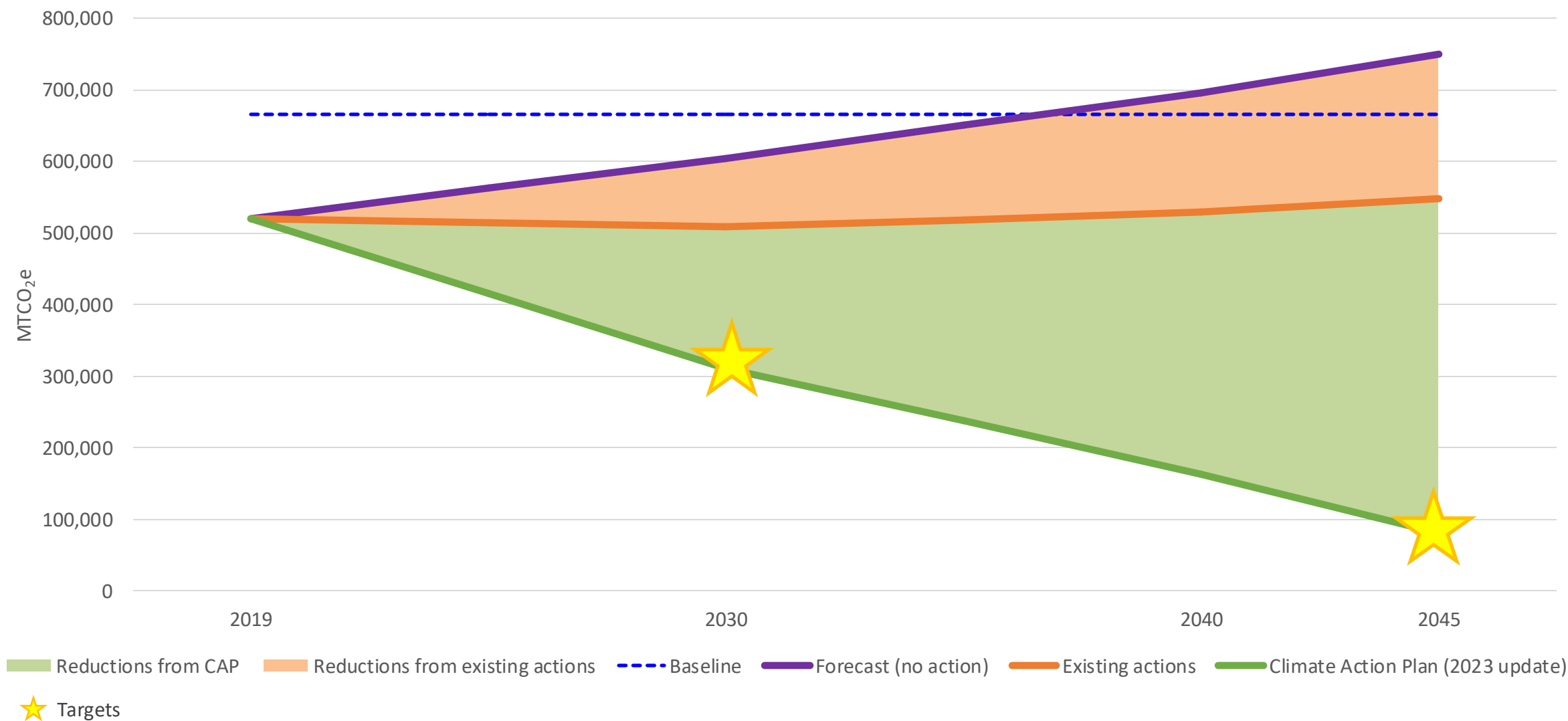
# Progress to Target

» **2019 emissions: 520,410 MTCO<sub>2</sub>e (8% below 1990 levels)**

Target		Emissions without CAP (2023 update)	Emissions with CAP (2023 update)
2030	40% below 1990 levels (339,880 MTCO <sub>2</sub> e)	10.25% below 1990 levels (508,380 MTCO <sub>2</sub> e)	44.92% below 1990 levels (311,990 MTCO <sub>2</sub> e)
2045	85% below 1990 levels (84,970 MTCO <sub>2</sub> e)	3.03% below 1990 levels (549,320 MTCO <sub>2</sub> e)	85.78% below 1990 levels (84,970 MTCO <sub>2</sub> e)



# Emissions with Climate Action Plan (2023)



# Next Steps

- » **Commission review and recommendation of CAP 2023 Technical Update.**
- » **CAP will be part of General Plan review and adoption hearings.**
- » **Adoption anticipated in early 2024.**