

# Update on Climate Action Implementation

Town Council Meeting  
October 23, 2024



# Overview

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We have ambitious climate targets, and the most recent emissions data tell us that we're moving the needle.

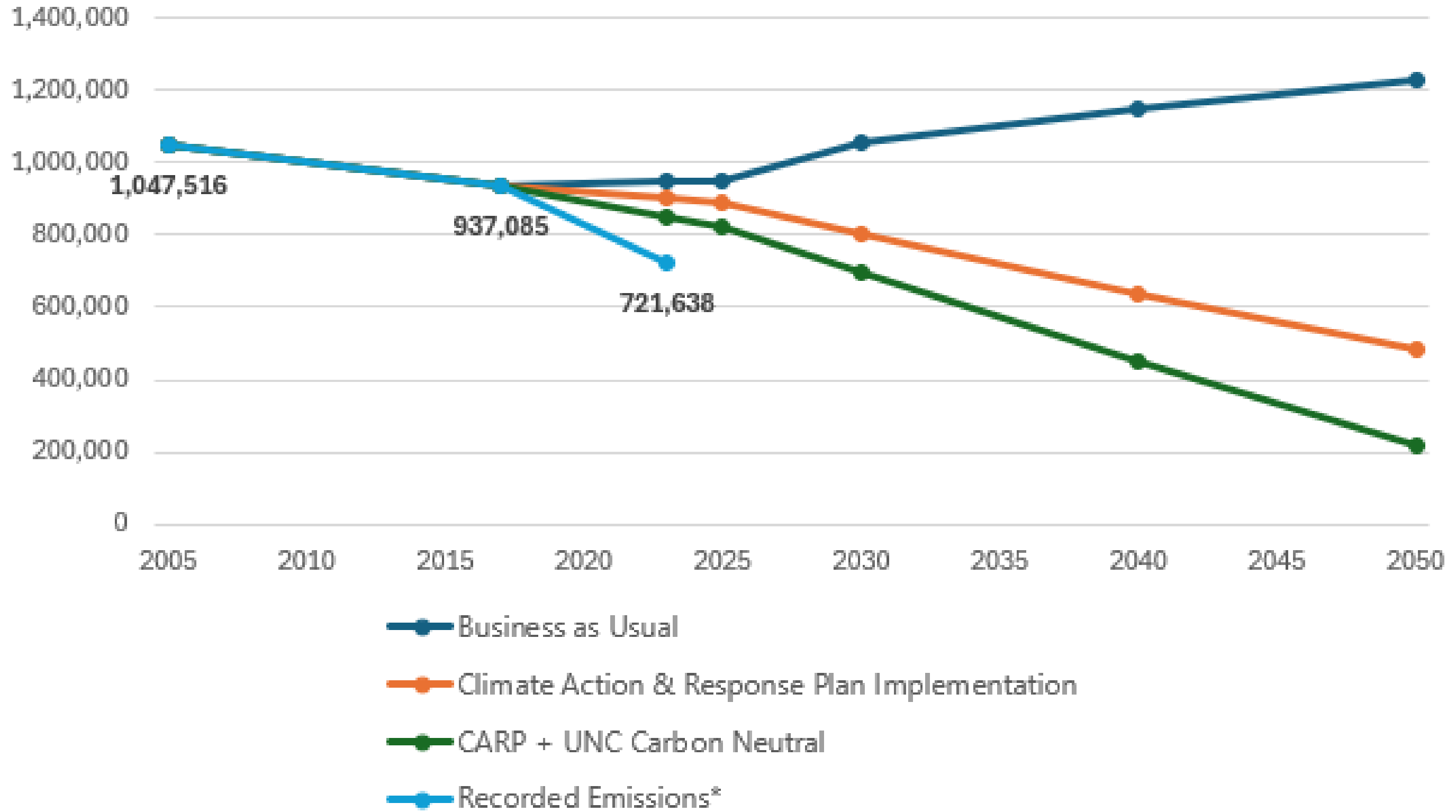
## **Background & Context**

Preliminary emissions updates:

↓ 23% for community since 2017

↓ 21% for operations since 2017

# Community Greenhouse Gas Emissions



\*preliminary results



## Background & Context

- Climate Action Plan adopted April 2021
- Our plan has four climate action categories:



**Buildings  
& Energy**



**Transportation  
& Land Use**



**Waste, Water &  
Natural Resources**



**Resiliency**

# Financial Impact

Our work involves Town departments and partners

Funding includes internal and external sources:

- General Fund
- Local, state and federal grants
- Incentives (e.g., utility)
- Inflation Reduction Act (IRA) benefits



# Sustainable Facilities Study





# Sustainable Facilities Study

- Utility solar program not a good fit
  - joint project size too small
  - nearby “solar ready” land difficult to find
  - process takes 5-7 years, with uncertainty
- Investing in our own facilities:
  - we can control the outcome
  - guaranteed local impacts of same size
  - lock in significant savings for 20-25 years
- Study provides roadmap for operational goals



# Resilience Hubs



# Resilience Hubs

- \$500k federal planning grant
- 18 resilience hub sites across 3 counties
- Focus: assess challenges, needs and opportunities
- Project elements:
  - community engagement
  - technical assessment
- Outcome: list of ways to enhance resilience



# Leave Your Leaves



# Leave Your Leaves

- 2023 was our biggest year so far, with Carrboro
- 2024 includes Orange Co. and Hillsborough
- Multiple sign-up stations around the county



# EV Charging Stations



# EV Charging Stations

- 20 new EV charging stations at the deck
- This doubles the number of public stations
- Future-Proof Design:
  - up to 220 stations
  - rooftop solar canopy





# Questions