



COMPREHENSIVE CLIMATE ACTION PLAN ANALYSIS

LSA

Fresno COG Policy Board Presentation
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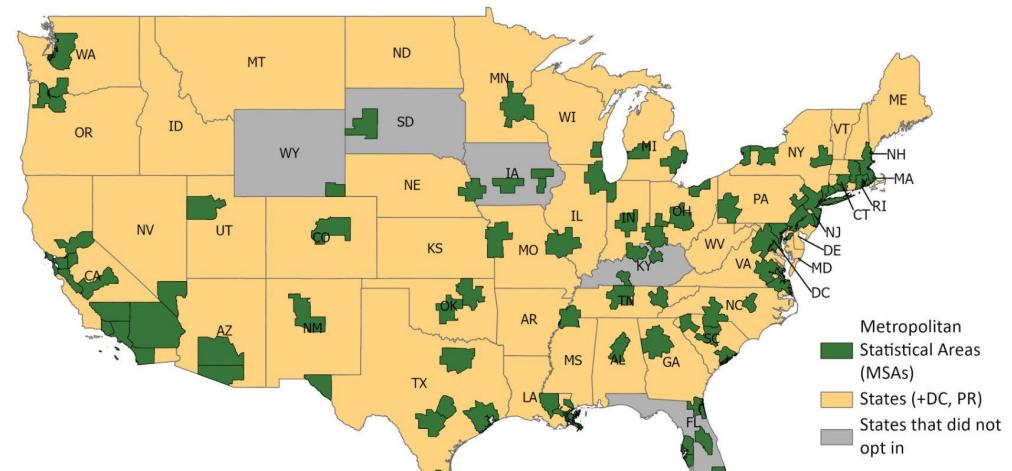
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Climate Pollution Reduction Grant (CPRG) Program

- Planning grants** to develop strong climate pollution reduction strategies (\$250 million)
- Competitive implementation grants** to help put plans into action (\$4.6 billion)



One Planning Grant, Three Deliverables Over 4 years



Priority Climate Action Plan (PCAP)

- Due **March 1 or April 1, 2024**
- Near-term, implementation-ready, **priority greenhouse gas (GHG) reduction measures**
- Prerequisite for implementation grant



Comprehensive Climate Action Plan (CCAP)

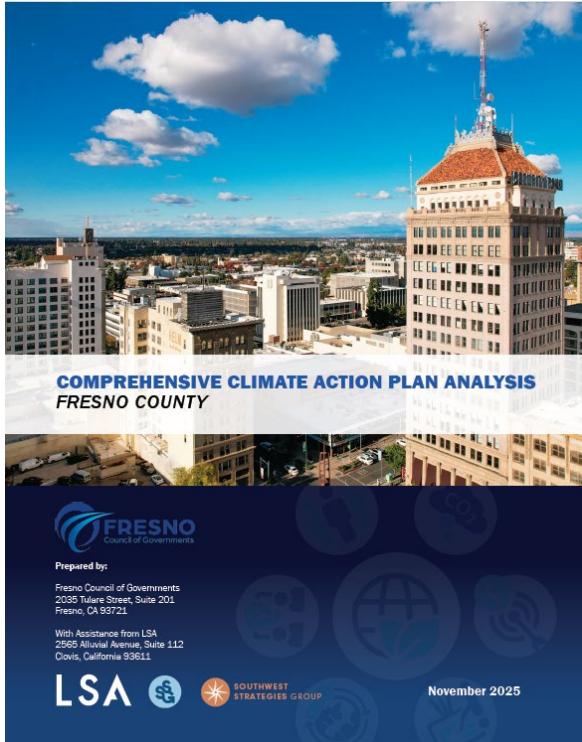
- Work began in **2024**, due in **2026** for MSAs
- **All sectors / significant GHG sources and sinks**
- **Near- and long-term GHG emission reduction goals and strategies**



Status Report

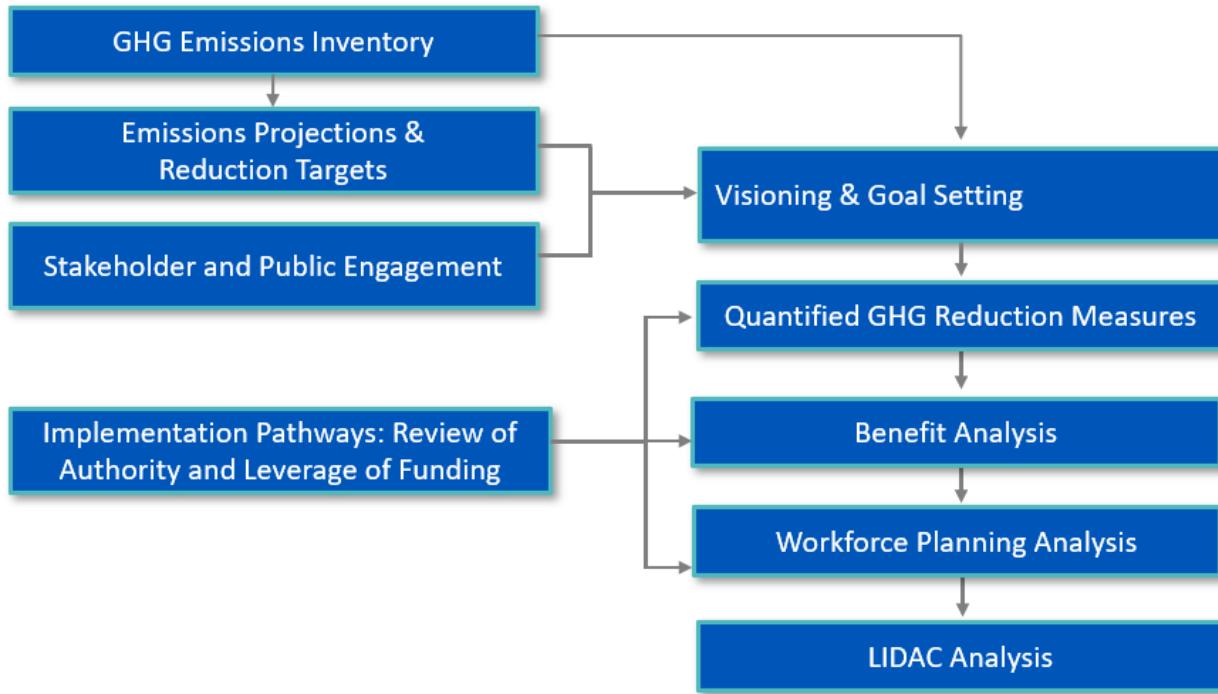
- Due in **2027** (N/A for tribes or territories)
- **Updated analyses and plans**
- **Progress and next steps** for key metrics

Goals of the CCAP-A



- ✓ Quantify Regional Emissions and Reduction Targets
- ✓ Identify High-Impact Emission Reduction Strategies
- ✓ Assess Community Co-benefits
- ✓ Evaluate Implementation Pathways

CCAP-A Development Approach

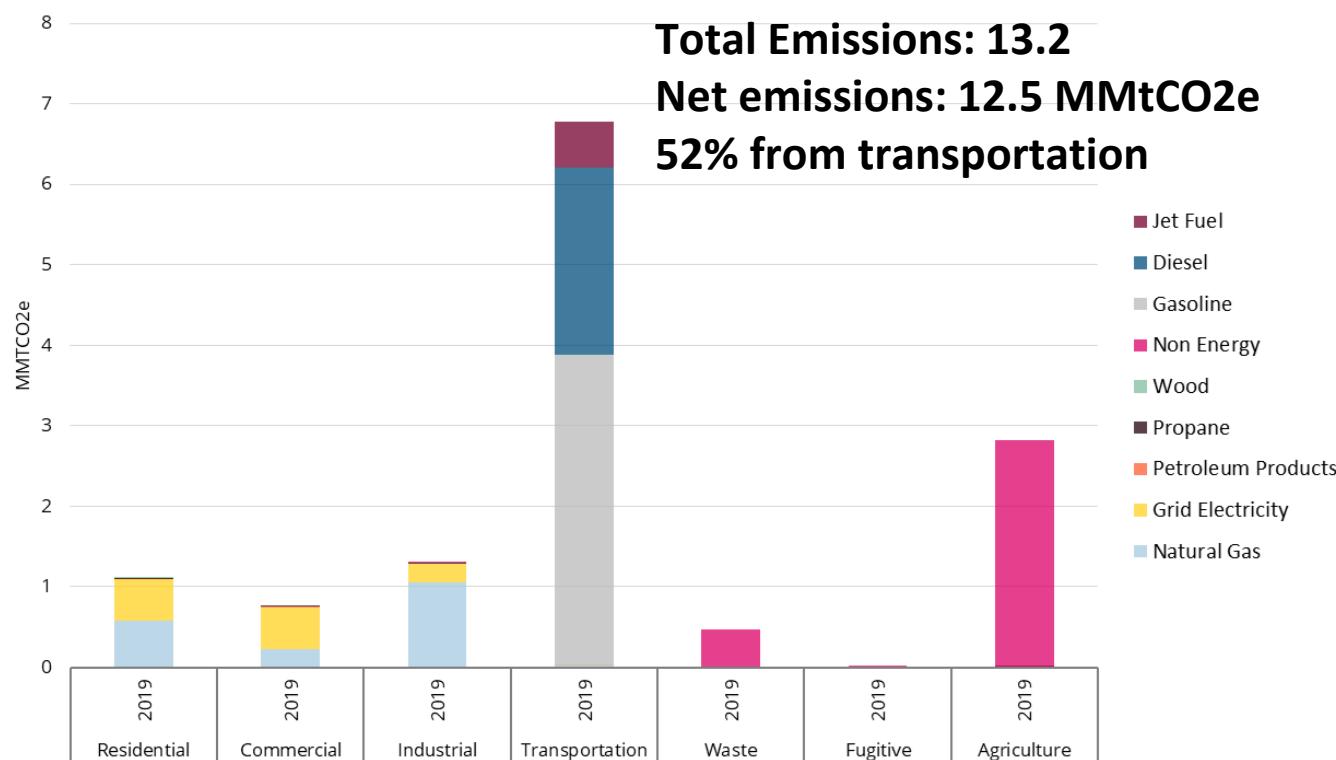


CCAP-A Development Timeline



The Starting Point

2019 Total Emissions Inventory



The Modeled Scenarios

What would happen if...

Business as Usual Scenario (BAU)

No changes in current policies



Business as Planned Scenario (BAP)

Intended climate policies are implemented



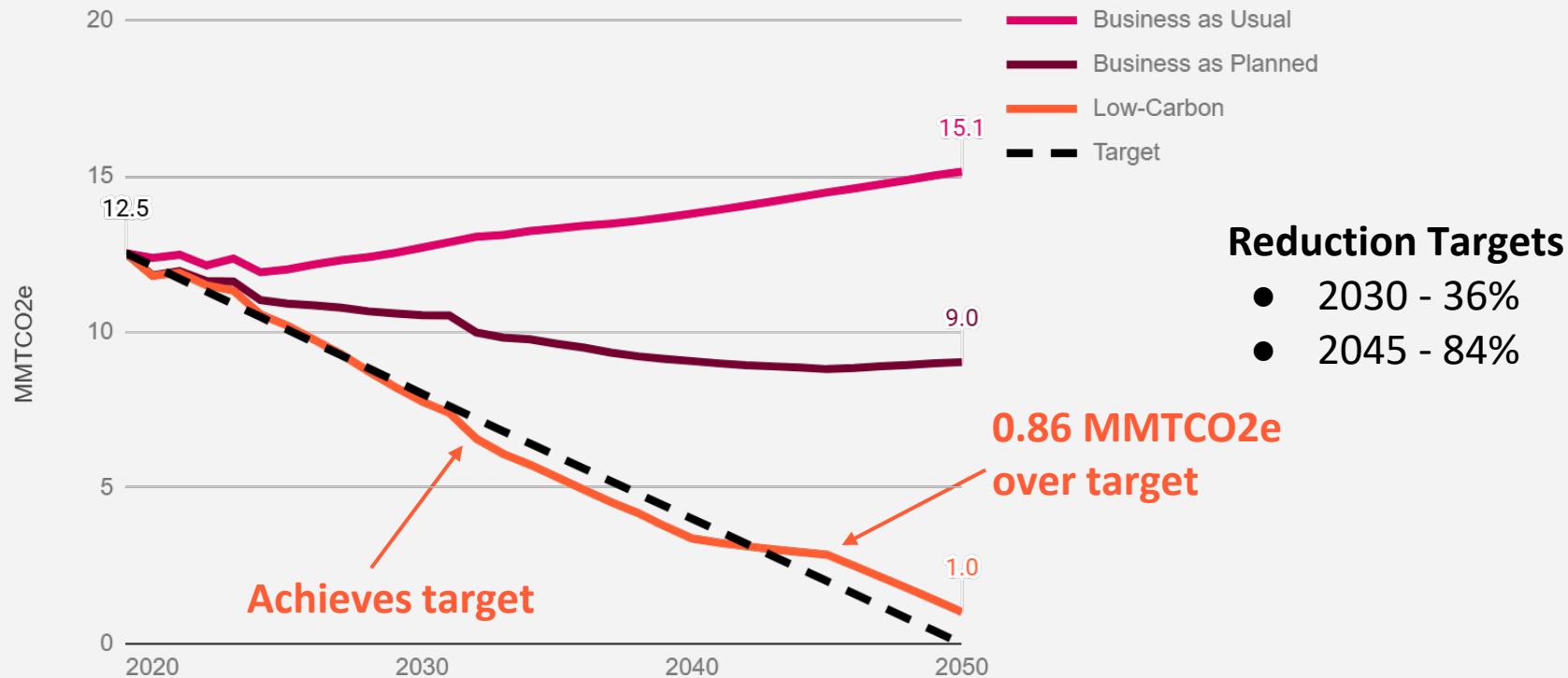
Low-Carbon Scenario (LCS)

New initiatives are implemented

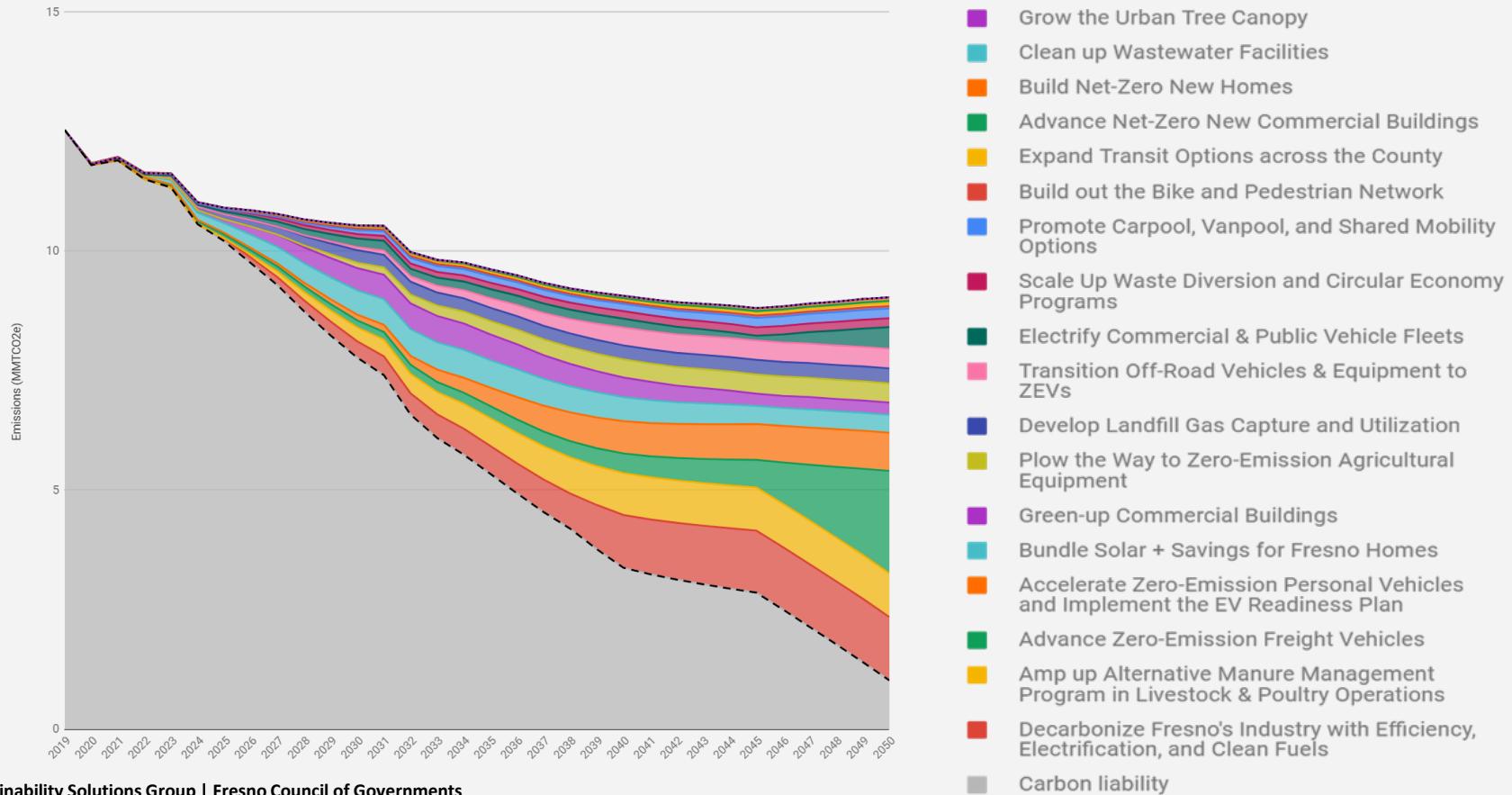


Comparing to the Targets

Net emissions for each scenario

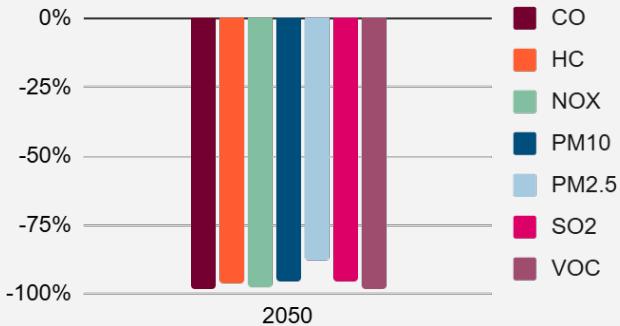


Potential LC Scenario Impacts



Co-benefits

Air pollutants are reduced 88% - 98%



Average annual household energy costs drop to **\$55** by 2050.
Average annual household transportation costs fall to **\$280 by 2050.**



\$121 millions in Annual Health Benefits in Dollars by Health-Related Indicators in the Low-Carbon Scenario, 2050



Employment Impacts 2026-2050
Average Annual Person Years of Employment: **4,725.**
Total Construction Jobs Created: **98,920**





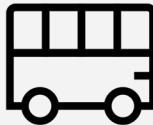
<https://publicinput.com/p6786>

Transportation Sector Measures

Accelerate Zero Emission Personal Vehicles and Implement the EV Readiness Plan



Expand Transit Options across the County



Build out the Bike and Pedestrian Network



Promote Carpool, Vanpool, and Shared Mobility Options



Electrify Commercial & Public Vehicle Fleets



Advance Zero Emission Freight Vehicles



Transition Off-Road Vehicles & Equipment to ZEVs

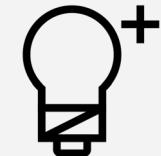


Building Sector Measures

Bundle Solar + Savings for Residences



Build Net-Zero New Homes



Green-up Commercial Buildings



Advance Net Zero New Commercial Buildings



Waste Sector Measures

Scale Up Waste Diversion and Circular Economy Programs



Develop Landfill Gas Capture and Utilization



Clean up Wastewater Facilities



Industrial Sector Measures

Decarbonize Industry with Efficiency, Electrification, and Clean Fuels



Agriculture and Natural Lands Sectors Measures

Plow the Way to Zero Emission Agricultural Equipment



Amp up Alternative Manure Management Program in Livestock & Poultry Operations



Grow the Urban Tree Canopy

