



Fresno Council of Governments Priority Climate Action Plan (PCAP)

February 16, 2024



Timeline

October 2023

- Project Kick-off
- Stakeholder Steering Committee Meeting #1
- Public Outreach
- GHG Inventory

December 2023

- Public Outreach
- GHG Priority Measure Selection/Quantification
- Benefit Analysis for Low-income & Disadvantaged communities

February 2024

- Plan Presentation to Transportation Technical Committee & Policy Advisory Committee
- FCOG Policy Board Approval

November 2023

- Public Outreach
- GHG Inventory
- GHG Priority Measure Selection/Quantification
- Benefit Analysis for Low-income & Disadvantaged communities

January 2024

- Stakeholder Steering Committee Meeting #2
- Public Outreach

March 2024

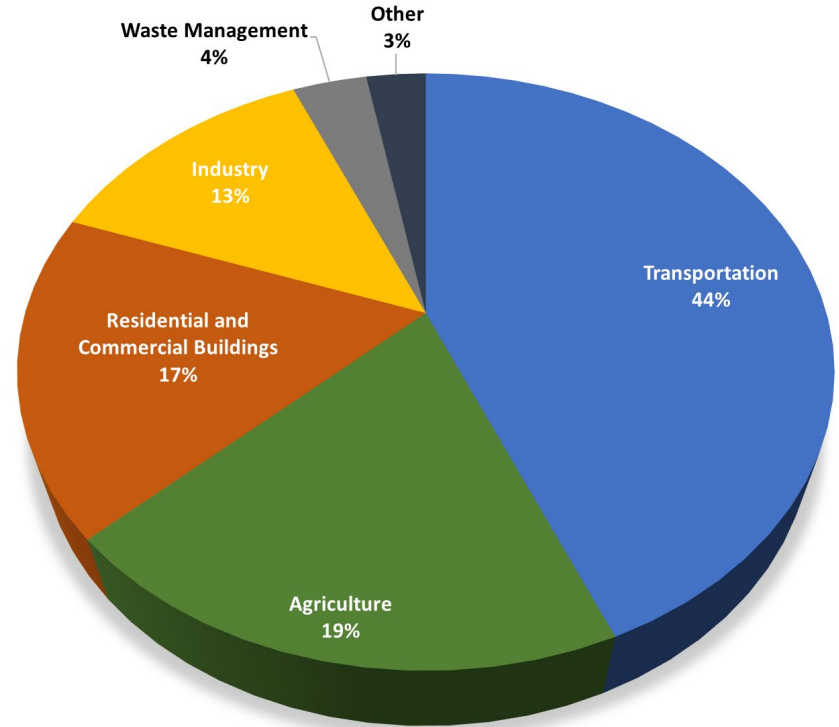
- Plan Submittal to U.S. EPA

Deliverables of the Priority Climate Action Plan

1. Inventory of GHG emission sectors
2. GHG Priority Measure Selections/Quantification
3. Preliminary analysis of benefits for LIDACs anticipated to result from the GHG reduction measure(s)

Overview of GHG Emissions Inventory Results

Sector	2019 Emissions (MT CO ₂ e)	% Total Inventory
Transportation	5,770,484.52	44%
Agriculture	2,555,749.14	19%
Residential and Commercial Buildings	2,307,702.56	17%
Industry	1,732,518.24	13%
Waste Management (Solid Waste and Wastewater)	468,556.29	4%
Other	375,459.91	3%
Total:	13,210,470.67	100%



Stakeholder Steering Committee

Membership

- 16 local governments
- Disadvantaged Communities Representative
- Transit
- The Air District
- Industry Representatives

Role

- Provide input and guidance to approve recommendations
- Considering, sharing insight from external stakeholders and connecting staff with tribes, community groups, additional industry stakeholders, and the general public
- Attending meetings coinciding with project milestones

Fresno COG's Online Community Engagement Hub

publicinput.com/fresnoCPRG
-or-
publicinput.com/fresnoPCAP



Climate Pollution Reduction Grants - PCAP/CCAP

Fresno COG received \$1 million from the EPA's [Climate Protection Reduction Grants](#) (CPRG) program to prepare plans to reduce greenhouse gases in the Fresno County region. The program requires development of two plans, a Priority Climate Action Plan (PCAP) and a Comprehensive Climate Action Plan (CCAP).

During the PCAP phase, Fresno COG, as well as other regional, state and local agencies have received grant funds to develop plans that identify and inventory emission reduction measures, quantify the measures and create a benefit analysis for affected populations. The PCAP is due on March 1, 2024. Completion of this initial plan is a necessary to allow our region to compete for implementation grants during the second phase of the program.

During that second (CCAP) phase cities and the county may apply for grant funding to implement emission reduction measures identified in the PCAP. There is a total of \$4.6 billion available nationally for implementation, and grant applications will be evaluated by EPA on a competitive basis.

PCAP Planning Timeline:

October 25, 2023 at 2 pm - Stakeholder Steering Committee Meeting #1

Submit questions or comments regarding the PCAP in one of the following ways:

Email: fresnopcap@publicinput.com

Voicecall: 855.925.2801, enter code 2970 when prompted, then leave your comments.

Community Input on Priority Measures (mid-Nov. – mid-Dec.)



Online and hard copy surveys



Community partner and stakeholder meetings and resources



Social media posts and advertisements (FB/LI/Insta/X)

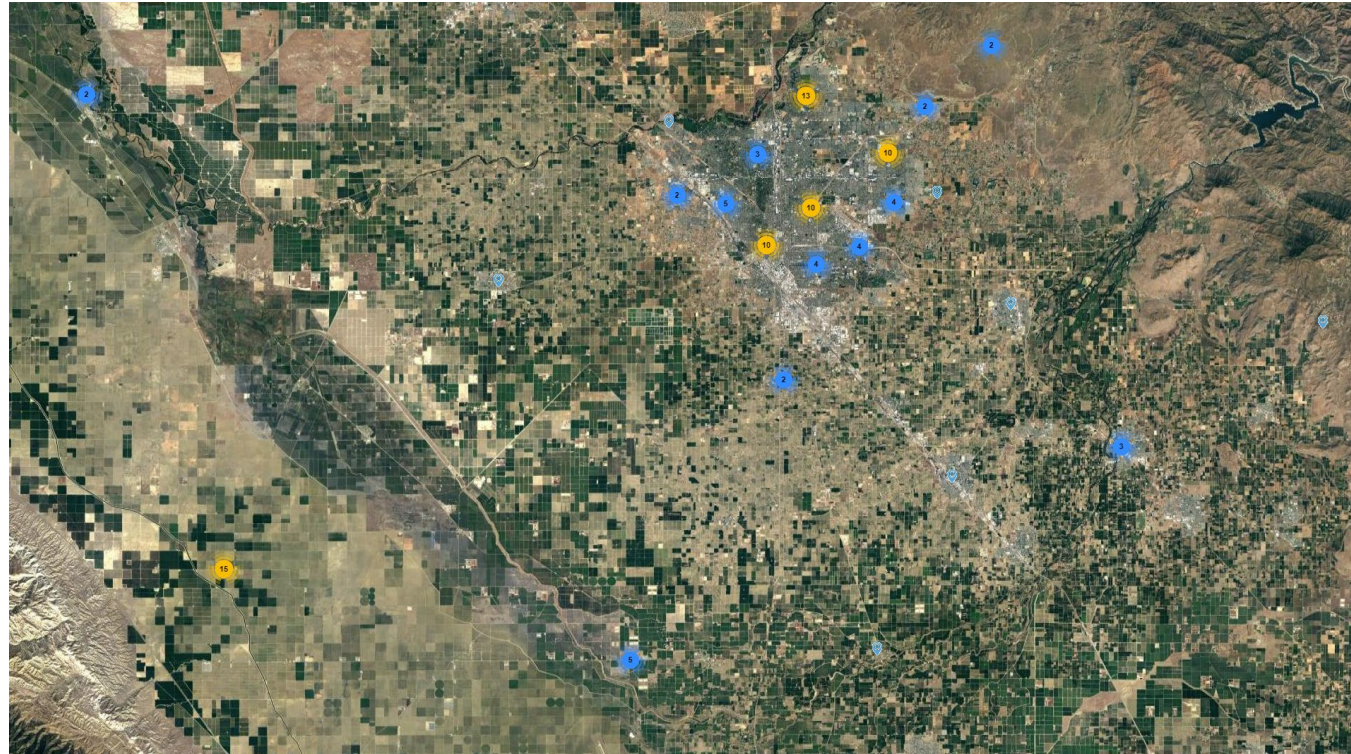


3- In-person and
2- virtual meetings

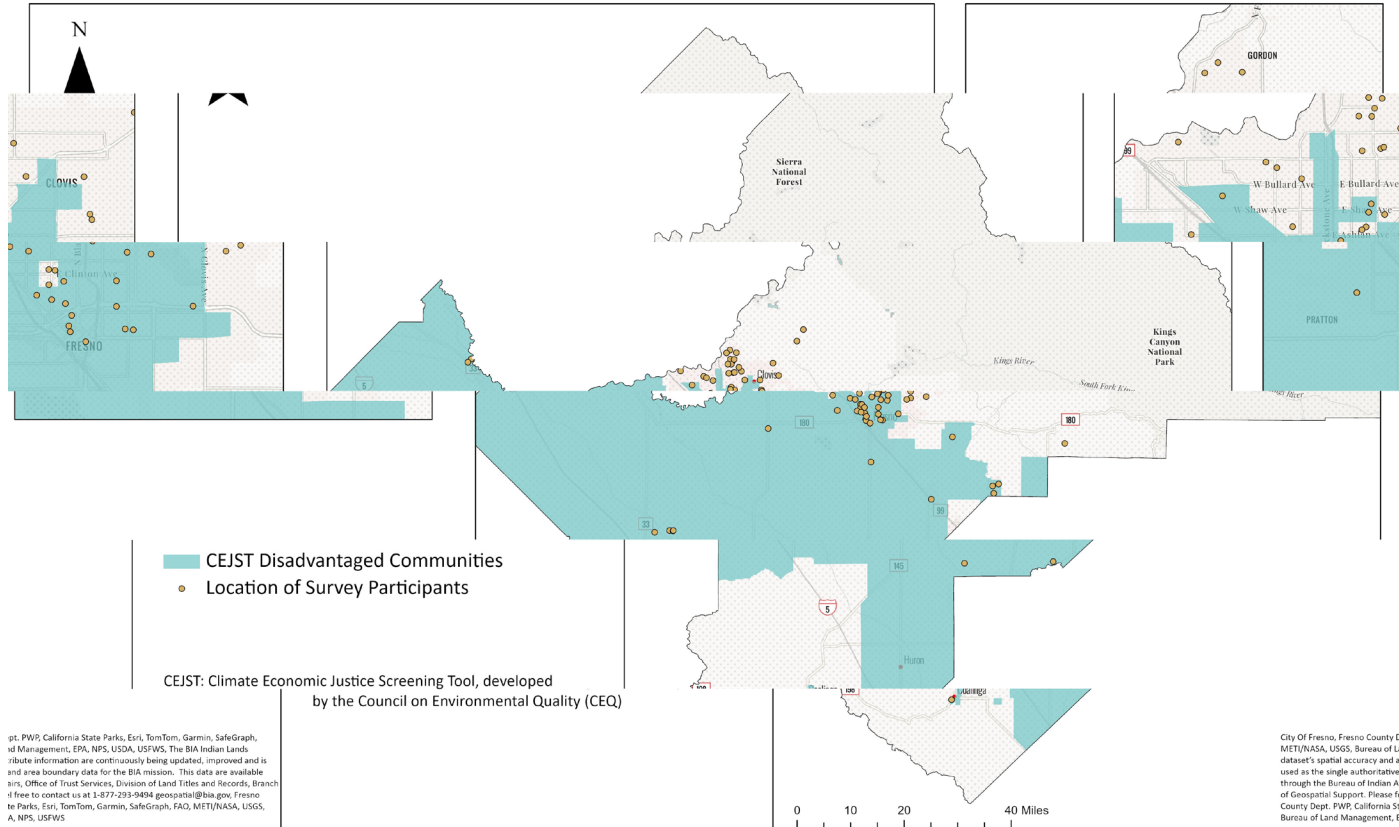
Public Input Received

Survey:

- 554 views
- 117 respondents
- 1,261 responses
- 22 Additional Comments
- 24 Subscribers



Greenhouse Gas Reduction Measures Survey Map



Climate Screening Tool (CEJST) Version 1.0, November 2022, White House Council on Environmental Quality; Survey, Fresno Council of Governments

Data Source: Climate and Economic Justice Greenhouse Gas Reduction Measures Survey

Priority Measures Selection Process

Priority Measures must be:

- *near-term*
- *implementation ready*
- *cost feasible*
- *considerable GHG reduction*



GHG Inventory



Stakeholder Survey



Public Input



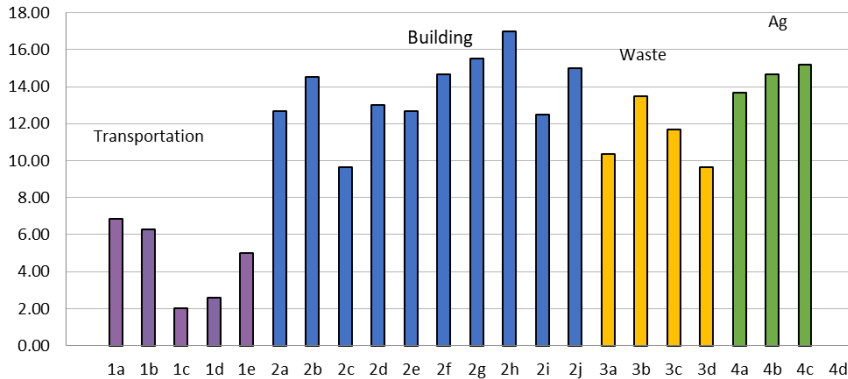
Sector Meetings



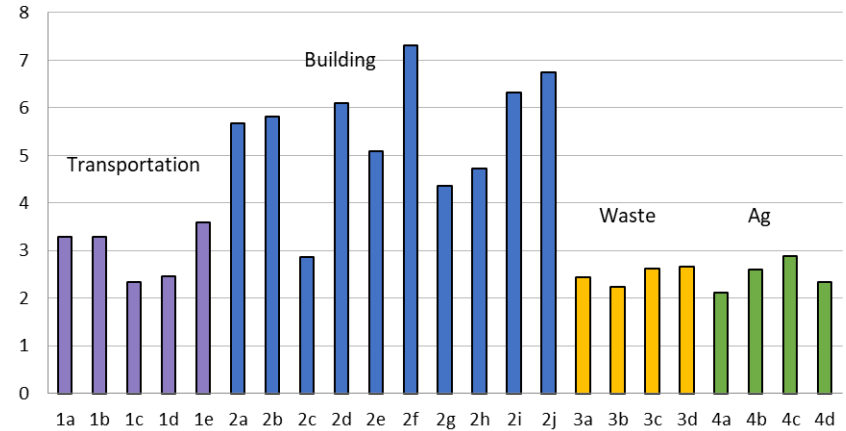
Project Interests

GHG Reduction Measure Survey Results

Average ranking by stakeholders (across 4 sectors)



Public Ranking (within each sector)



Priority Measures Selected



**TRANSPORTATION:
5 MEASURES**



**AGRICULTURE:
3 MEASURES**



**BUILDING/ENERGY:
3 MEASURES**



**WASTE:
2 MEASURES**

Transportation Sector

1. Develop a robust public electric vehicle charging network in Fresno County, including in the disadvantaged communities, to increase electric vehicle adoption in Fresno County. *(Implementing measures could include a neighborhood electric vehicle (NEV) network)*
2. Continue to convert the municipal fleet (including transit) into zero emission vehicles and provide a sustainable and reliable support system for such zero-emission fleet which could include, but not limited to maintenance, charging facilities, training of personnel, etc. *(Implementing measures could include fleet electrification, installation of electric vehicle charging infrastructure, etc.)*
3. Build a well-connected bike and pedestrian system that provide alternative transportation options including micro-mobility such as shared e-bike and e-scooter. *(Implementing measures could include pedestrian network improvements, bike parking, expanded bikeway networks, electric bikeshare program, scooter share program, dedicate land for bike trails)*
4. Enhance the public transportation by maintaining/expanding the existing transit system and implementing other transit strategies such as micro transit.
5. Provide incentives for carpool and vanpool, and other shared mobility options. *(Implementation measures could include commute trip reduction programs, end-of trip facilities, car-sharing program, employer-sponsored vanpool/shuttle, priced workplace parking, and/or employee parking “cash-out” programs.)*



Agricultural Sector

1. Programs and incentives to reduce GHG emissions associated with manure management from livestock and poultry operations. *(Implementation measures could include additional funding or outreach support for existing programs available through the California Department of Food and Agriculture (CDFA) and United States Department of Agriculture – Natural Resources Conservation Service (USDA-NRCS), educational programs, or direct funding opportunities for projects proposed as part of PCAP development.)*
2. Programs and incentives to reduce GHG emissions associated with agricultural burning, including orchards and vineyards, through chipping and use for soil incorporation, on-site land application on agricultural land, off-site beneficial re-use, or other approved methods. *(Implementation measures could include additional funding or outreach support for existing programs available through the San Joaquin Valley Air Pollution Control District (SJVAPCD) and USDA-NRCS, educational programs, or other direct funding opportunities for projects proposed as part of PCAP development.)*
3. Programs and incentives to reduce GHG emissions associated with the operation of various agricultural equipment, such as tractors, harvesting equipment, utility terrain vehicles, dairy feed mixing electrification and agricultural pumps through zero-emission replacement as well as the installation of charging or re-fueling stations to support deployment. *(Implementation measures could include additional funding or outreach support for existing programs available through USDA-NRCS and the SJVAPCD, educational programs, or other direct funding opportunities for projects proposed as part of PCAP development.)*



Building/Energy Sector

1. Incentive programs for the purchase of certified energy-efficient appliances, heating and cooling equipment, lighting, and building products to replace inefficient products. *(Implementation could include air distribution system updates such as right-sizing fan system equipment and converting to a variable-air-volume system, heating and cooling system upgrades, reductions in supplemental energy load consumption by installing ENERGY STAR equipment, window films, and adding insulation or reflective roof coating and/or installation of energy-efficient lighting.)*
2. Incorporate water efficiency measures that reduce water heating energy consumption (Install alternative types of water heaters in place of gas storage tank heater in residences.)
3. Bundle on-site renewable energy generation with energy efficiency improvements. *(Implementation could include establishment of on-site renewable energy systems such as solar power and/or wind power, limitations on non-renewable energy sources.)*



Waste, Water, and Sustainable Materials Management Sector

1. Programs and incentives to reduce or divert waste (including food and/or yard waste) through improved production practices, improved collection services, and increased reuse or recycling rates. *(Implementation measures could include organics diversion program, educational programs to inform residents about reuse, recycling, composting, waste to energy, and zero waste programs. Local recycling and composting initiatives at the neighborhood level, expansion of local business recycling and composting efforts.)*
2. Installation of renewable energy and energy efficiency measures at wastewater treatment facilities.



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