

# **Santa Clara County Climate Collaborative**

## **EPA Climate Pollution Reduction Grants (CPRG) Work Group Meeting**



County of Santa Clara Office of Sustainability

# Agenda

- Welcome & Meeting Goals
- CCAP process and workgroup meeting arc
- Carbon sequestration and working lands update
- EV infrastructure
- Regional mitigation discussion
- Wrap up and Next Steps



# Meeting Goals

- Understand the CCAP goals and process and how the workgroup will contribute
- Shared understanding of what mitigation measures WG members are prioritizing and how they are interested in collaborating
- Gain awareness of regional efforts around carbon sequestration and EV infrastructure



# CCAP Process and Work Group Meeting Arc



# CPRG Planning Grant Deliverables

## 1. Priority Climate Action Plan (PCAP): due March 2024 **[complete!]**

- Simplified GHG inventory
- High priority GHG reduction measures
- Disadvantaged communities benefits analysis
- Stakeholder engagement

## 2. Comprehensive Climate Action Plan (CCAP): **due mid-2025**

- GHG inventory, forecast, targets
- GHG reduction measures
- Funding analysis
- Benefits analysis
- Workforce analysis
- Stakeholder engagement



# PCAP and Implementation Grant Recap

## Sectors included in the PCAP

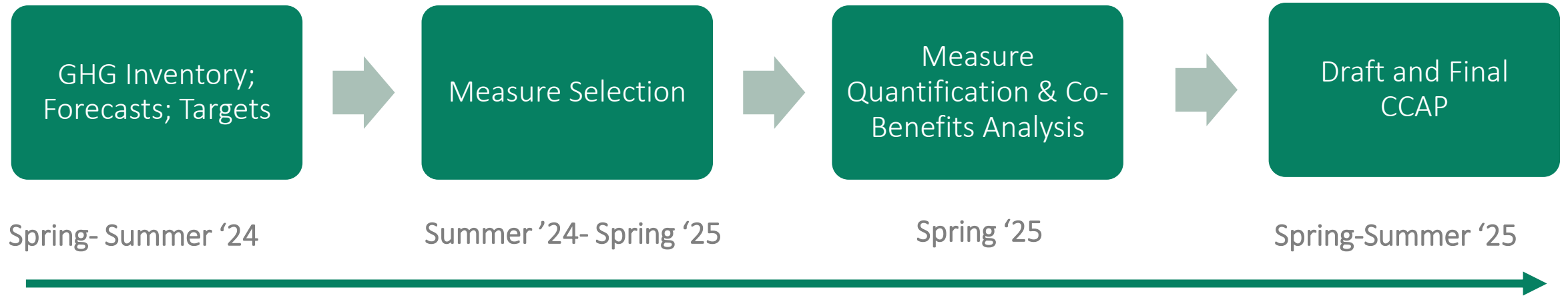
- Building energy
- VMT reduction/EVs (On road and some off road transport)
- Carbon sequestration, organics and materials reuse

## Implementation Grants Submitted

- Ag equipment decarbonization
- Building Decarb for low and moderate income housing
- Multi-modal mobility hubs
- Community scale reuse
- Resilient building community benefit fund
- Food recovery and diversion program
- Public and active transport measures



# CCAP Timeline



Community engagement throughout with more touchpoints during measure selection; draft and final CCAP

**Goal:** Prioritize mitigation measures best accomplished at the regional scale or through regional coordination

**Deliverable:** a Comprehensive Climate Action Plan for the San Benito – Santa Clara MSA



# Work Group Timeline for CCAP

For the duration of the CCAP (until mid-2025), the work group will be a space to both provide input on the CCAP itself as well as hold to space to discuss and react to ongoing regional mitigation efforts. The workgroup activities and audience are scheduled as below:

## Regional Partners WG Meeting Schedule

- **Jul 10** – Broaden regional engagement
- **Sep 10** - Review GHG Inventory and refine/prioritize reduction measures
- **Nov 13** - Finalized measure list, invite municipalities to comment

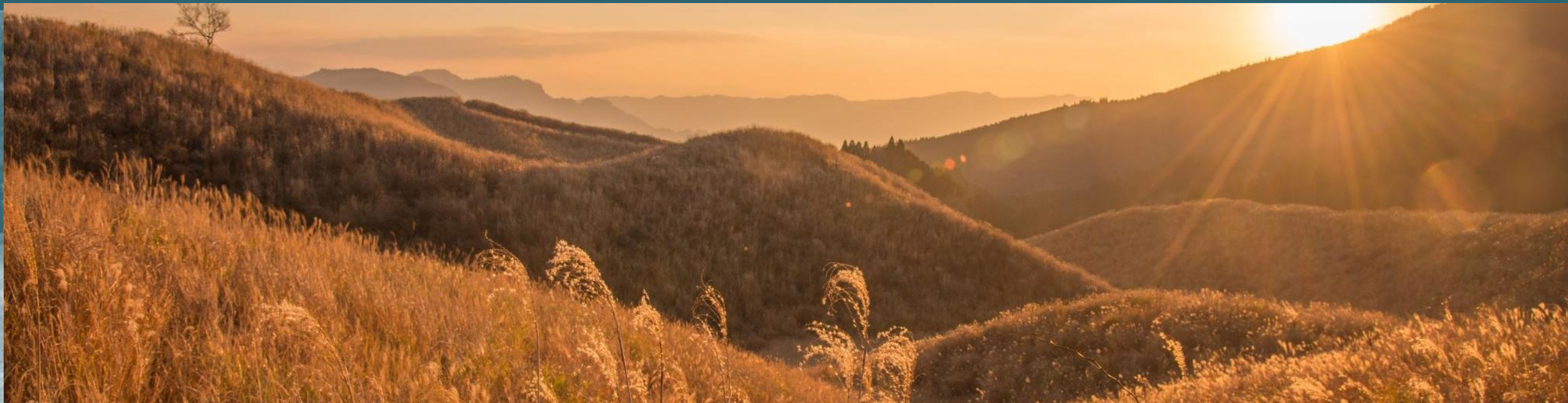
## Community Benefits WG Meeting Series Schedule

- **January** - Bring in CBOs, introduce the CPRG workstream and invite their priorities
- **March** - Review implementation awards and discuss translating into community impact
- **May** - Broader group comes together to further discuss implementation awards and supporting locally meaningful projects.





# Carbon Sequestration and Working Lands Update



# Carbon Sequestration and Working Lands Update

- Add here



# EV Infrastructure and CFI Funding



# EV Infrastructure and CFI Funding

- Updates from Silicon Valley Clean Energy
- Regional EV infrastructure approach





# Regional Mitigation Discussion



# CCAP Regional Approach Discussion

"The plan must include measures addressing the main GHG emission sectors: industry, electricity generation and/or use, transportation, commercial and residential buildings, agriculture, natural and working lands, and waste and materials management."

## Sectors Identified for the MSA

- On-Road Transportation [passenger; public transit]
- Off-Road transportation [construction equipment etc.]
- Building energy [electricity and natural gas]
- Water
- Wastewater
- Agricultural sources [enteric fermentation; manure management, fertilizer use, etc.]
- Natural and working lands as a carbon sink\*
  - *\*measures and actions for this sector will focus on increasing carbon sequestration on identified land cover types- not reducing emissions from this sector*



# CCAP Regional Approach Discussion

## Sectors included in the PCAP

- Building energy
- VMT reduction/EVs (On road and some off road transport)
- Carbon sequestration, organics and materials reuse

## Sectors to be included in the CCAP that were not included in the PCAP

- Water
- Wastewater
- Agricultural sources
- Natural and working lands as a carbon sink

## PCAP Topics/Measures left out

- Integrated Regional Bike Share
- LMI income-qualified E-Bike and Free Bus Pass Program
- EV Carshare Program
- Compost expansion program



# CCAP Regional Approach Discussion

## Municipal Priorities

- On-Road Transportation
  - Addressing transportation emissions
  - Alternative and accessible transit options
  - Transportation electrification
  - E Mobility
  - Achieve net zero emissions - energy codes

## Building energy

- Building electrification
- Achieve net zero emissions - energy codes





# CCAP Regional Approach Discussion

## CCAP priorities from previous work group

- On-Road Transportation
  - Regional EV infrastructure network
  - Car share and e-bike networks

## Building energy

- Regional grid resiliency
- Model policies to support building electrification
- Building electrification incentives
- Residential electrification through rebate or direct install programs

Funding for measures will be addressed in the CCAP funding plan



# Regional Plan Example

- Example of a regional plan that the MSA could lay the groundwork for through this process
- Plan Bay Area 2050 is the Bay Area's regional long-range plan adopted by MTC and the Association of Bay Area Governments (ABAG). <https://mtc.ca.gov/planning/long-range-planning/plan-bay-area-2050>
- Regional Climate Protection Authority (RCPA). Climate Action 2020 and Beyond. <https://rcpa.ca.gov/what-we-do/climate-action-2020/>



# CCAP Regional Approach Discussion

- MSA region goals for CCAP
  - What topics is this group interested in exploring on a regional scale, particularly in sectors without reduction measures?
    - What did you encounter in your CAP that you weren't able to include because it required a regional approach?
  - Who needs to be at the table for discussions on these topics?
  - How do we combine measures or create new regional measures for a combined CCAP?
    - Do we pull measures from other authorities in addition to the counties' measures?



# Wrap Up & Next Steps



# Next Steps

- Next meeting is scheduled for: September 11
- Future topics:
  - Full GHG inventory
  - Create of mitigation measures for finalization



# END - Appendix of Additional Potential Slides



# Outreach approach





# San Benito CCAP outreach approach

- Mini-grant for direct compensation of CBOs/ community members in championing outreach
- In-person and virtual outreach through June 2025
- Goals
  - community driven strategies/ buy in
  - long-term action/ activation
- 3 phases
  - CCAP overview & GHG Inventory
  - Measures and actions selection
  - Final/ draft report feedback





# Climate Roadmap Outreach

- 7 tabling events in Santa Clara County
- Created paper and online survey, flyer, brochure, executive summary, coloring activity for children
- Hosting informational office hours for neighborhood associations
- Sustainability Commission meeting presentation for the public review draft



# MSA-wide outreach approach

- Building off:
  - San Benito's current engagement
  - Previous climate engagement in SCC
  - Ongoing Climate Roadmap engagement
  - Target priorities identified by CPRG workgroup
- Where could most improve our outreach?
  - ☐ Focus in on priorities in LIDAC communities
  - ☐ Tribal engagement
  - ☐ Other?



# CPRG Work group outreach role

- Who needs to be at the table in this work group for outreach?
  - What role can this group play in filling in gaps, and reaching hard-to-reach orgs/ entities?
- How is the work group interested in being involved in outreach?
  - Do we need some WG meetings to be specifically outreach focused with outreach partners?



# Santa Clara County Climate Collaborative Overview

- Multi-sector network and community of practice for:
  - Public agencies
  - Academia
  - Nonprofit and community-based organizations
  - Businesses and community leaders
- Goal: advance regional solutions to climate change through resource and expertise sharing, joint funding, and partnership development

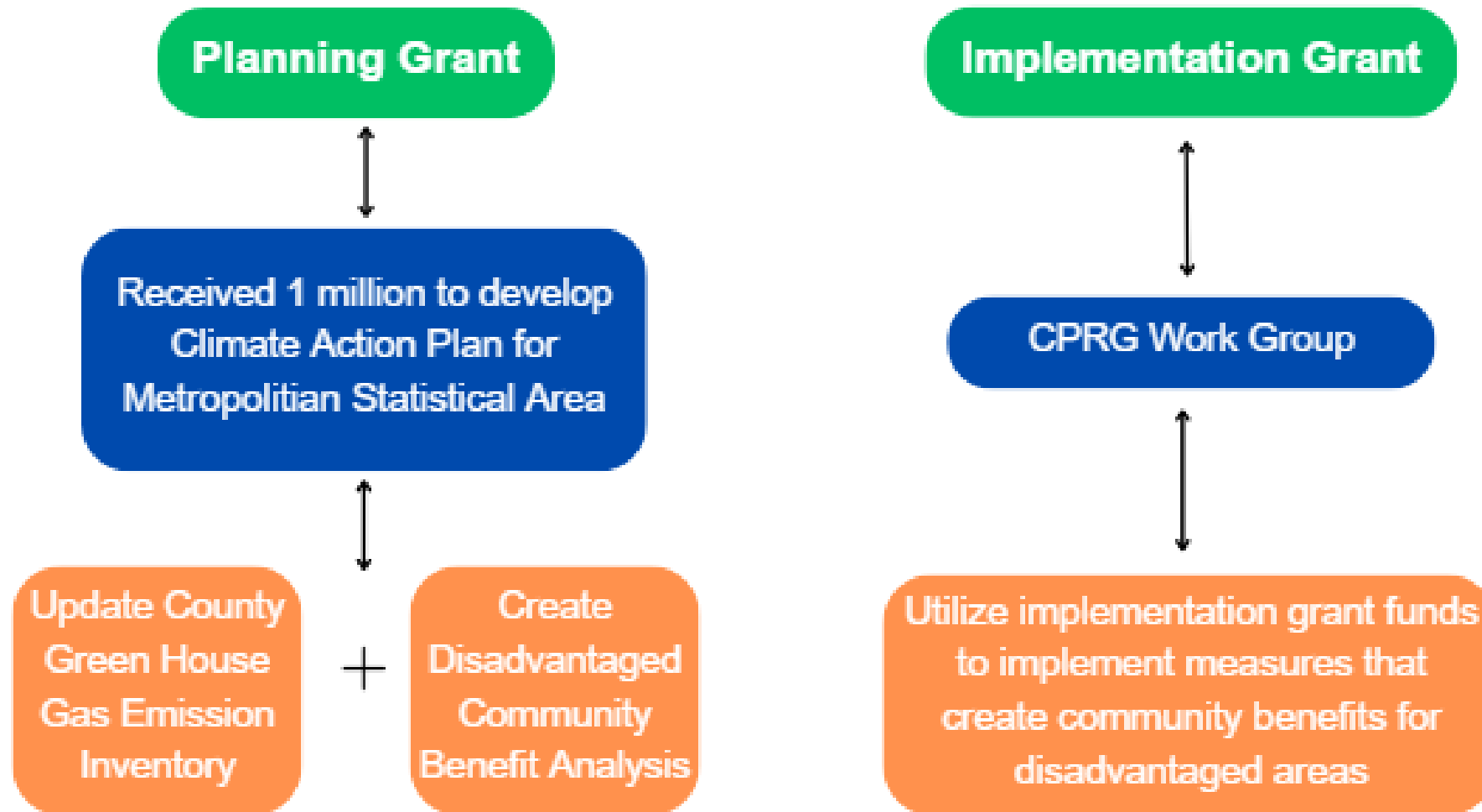


# CPRG Overview

- Funds to develop and implement plans for reducing greenhouse gas emissions
- Phase 1: Planning Grants, Phase 2: Implementation Grants
- San Jose-Sunnyvale-Santa Clara Metro Area received \$1M in Planning Grant funds
- \$4.3 billion in Implementation grant funds available



# Planning vs. Implementation Grant



# Introductions

*What is the potential value of this initiative in your community or region?*

- County of Santa Clara
- County of San Benito
- City of Campbell
- City of Cupertino
- Town of Los Altos Hills
- Town of Los Gatos
- City of Mountain View
- City of Palo Alto
- City of San Jose
- City of Santa Clara
- City of Sunnyvale
- Silicon Valley Clean Energy
- Santa Clara Valley Transportation Authority
- Valley Water
- Association of Monterey Bay Area Governments
- Breathe California
- Farallon Strategies
- Rincon Consultants
- Others?



# Phase 1: Planning Grant Overview





# Planning Grant Deliverables

## 1. **Priority Climate Action Plan (PCAP): due March 2024 [complete]**

- Simplified GHG inventory
- High priority GHG reduction measures
- Disadvantaged communities benefits analysis
- Stakeholder engagement

## 2. **Comprehensive Climate Action Plan (CCAP): due mid-2025**

- GHG inventory, forecast, targets
- GHG reduction measures
- Funding analysis
- Benefits analysis
- Workforce analysis
- Stakeholder engagement

## 3. **Status Report (due mid-2027)**

- Implementation status of GHG reduction measures
- Next steps to continue implementation



# Planning Grant Timeline

Activity	2023 Aug	Sept	Oct	Nov	Dec	2024 Jan	Feb	Mar	April
		1	2	3	4	5	6	7	8
<b>Ongoing Processes</b>									
Develop Quality Assurance Plan									
Project Management Meetings									
Working Group Meetings									
Quarterly Reports Due			*			*			*
<b>Priority Climate Action Plan</b>									
Procure Consultants									
Compile Existing GHG Inventories									
Priority GHG Measure Selection									
Sector Specific Analyses (TBD)									
Stakeholder Engagement									
Quantification of GHG and LIDAC Benefits									
Review of Authority									
Compile PCAP									
Publish PCAP								*	



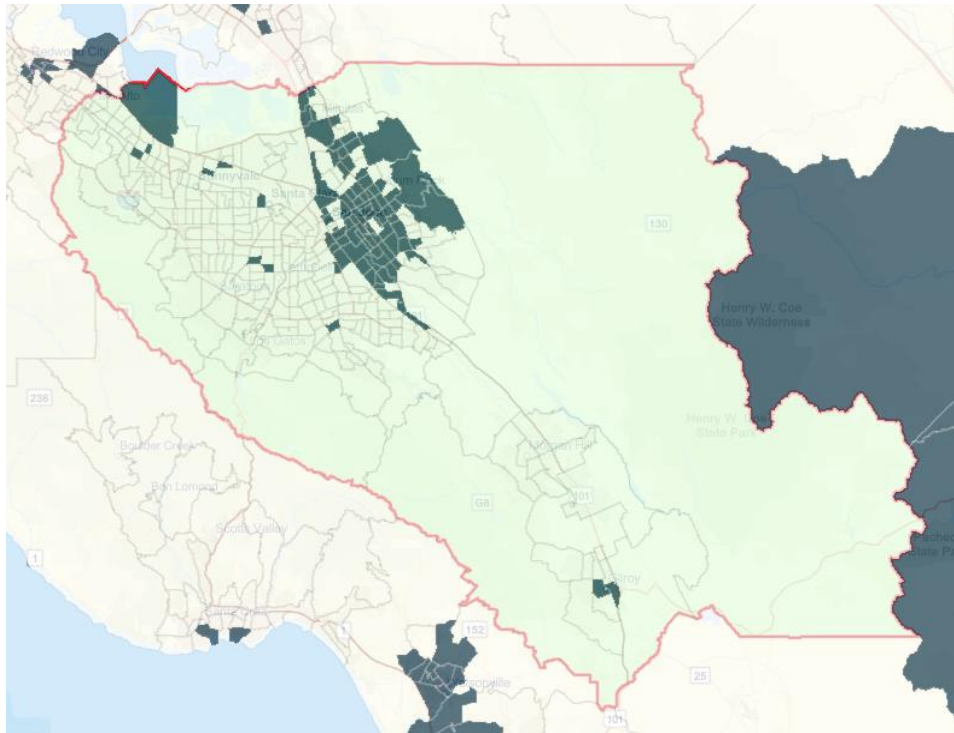
# Planning Grant Approach

- Utilize existing GHG inventories
- Develop priority GHG measures for San Benito County
- Pull priority GHG measures for Santa Clara County from Climate Roadmap and existing CAPs
- Focus on ~6 priority GHG measures, and align them with implementation grant application(s)

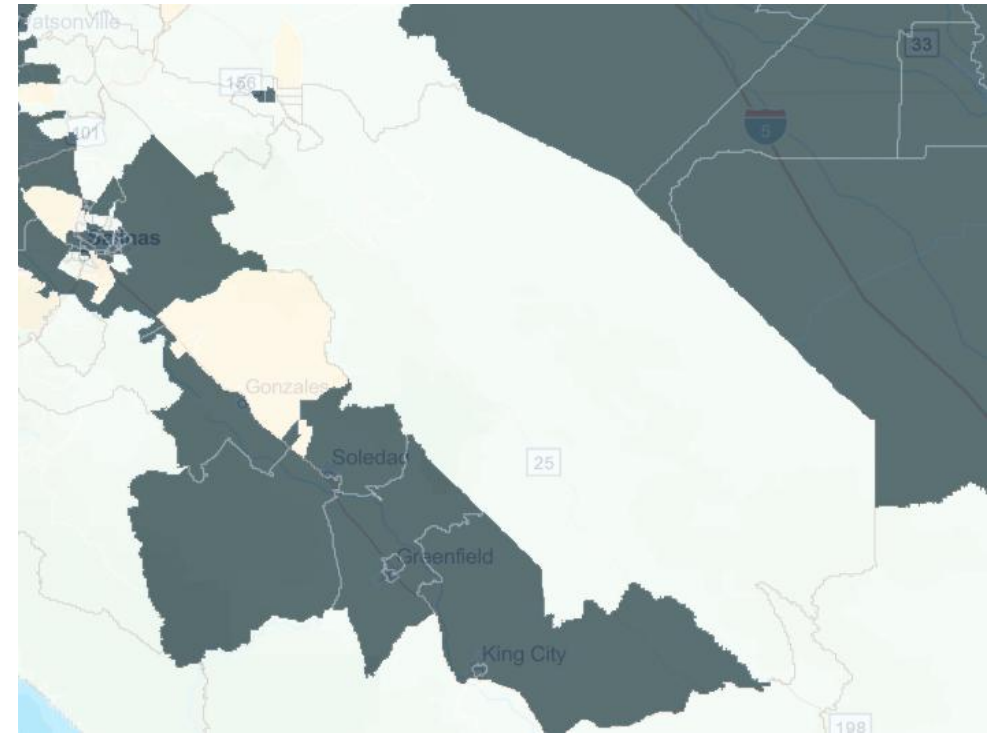


# Disadvantaged Communities - Justice 40

- Santa Clara



- San Benito



# Phase 2: Implementation Grant Overview



# Implementation Grant Overview

- Purpose: implement measures identified in PCAPs developed through the Planning Grant
- Eligible entities: lead organizations for CPRG planning grants, states, municipalities, air pollution control agencies, tribes, and groups of such entities
- Deadline: April 1, 2024
- Funding availability: \$4.3 billion for states and municipalities



# Funding Availability

Tier	Grant Ranges (million)	Funds for each Tier (Billion)	Anticipated # of grants awarded
A	\$200-\$500	\$2	4-10
B	\$100 to <\$200	\$1.3	6-13
C	\$50 to < \$100	\$0.6	6-12
D	\$10 to < \$50	\$0.3	6-30
E	\$2 to < \$10	\$0.1	10-50
	TOTAL	4.3 billion	30-115

Applications will be evaluated against other applications within the same tier



# Funding Parameters

- EPA encourages ambitious measures with a focus on scalability, innovation, and community benefits, especially in disadvantaged areas
- Must implement measures that will lead to significant GHG reductions
- EPA will not award multiple grants to implement the same measure in the same location
- EPA incentivizes eligible applicants to apply for funding together as a coalition (partners must sign MOAs)





# Eligible Sectors



**Electric Power**



**Transportation**

Regional transportation coalition: TBD



**Industry**



**Residential & Commercial Buildings**

Regional building electrification coalition: TBD



**Waste and Materials Management**



**Agriculture/ Natural & Working Lands**

Local carbon sequestration coalition: TBD



# Phase 1: Planning Grant Approach



# Existing Resources & Tools

## Climate Organizations Directory

Browse a directory of organizations working on climate action and adaptation, and filter by location and/or sector.

Filter by Sectors ⓘ

Sector ▼

Filter by Locations ⓘ

Location ▼

Filter by Organization Name Keyword

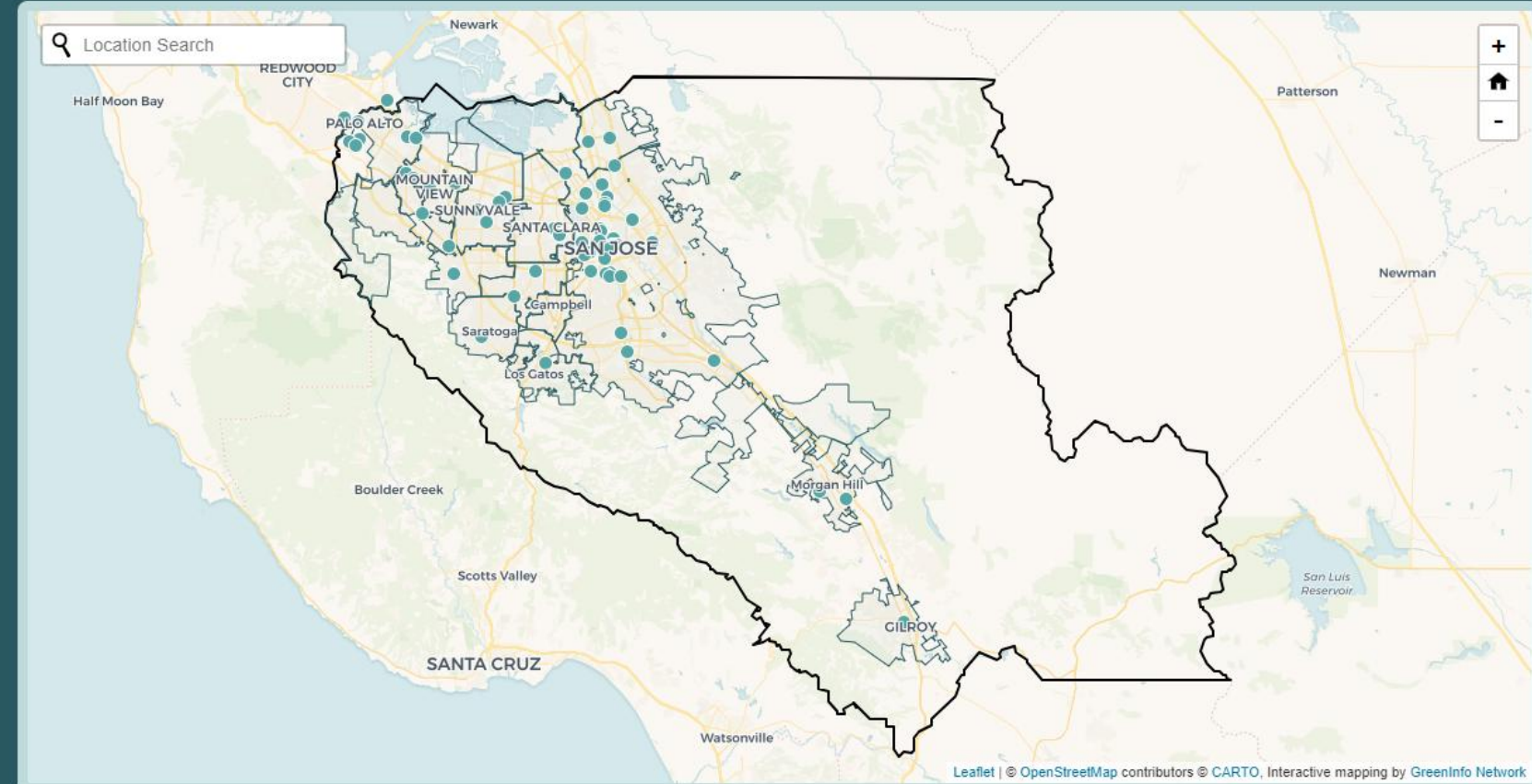
Search for an organization by name

Search

Download All Organization Data

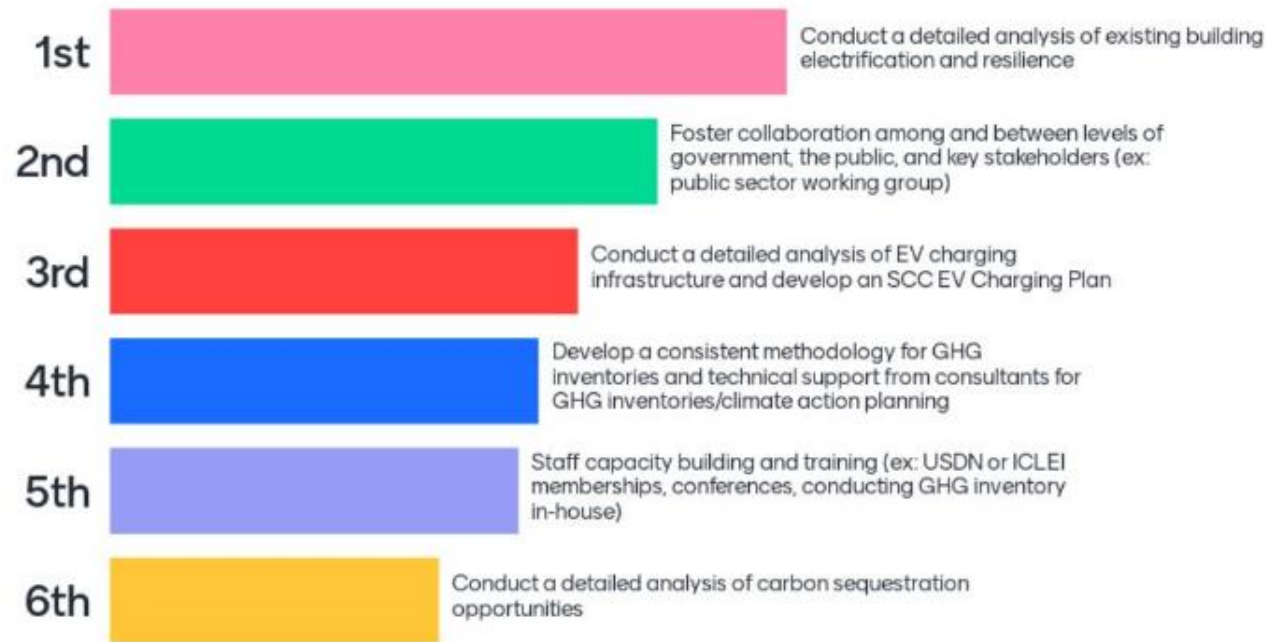
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## Organization Map

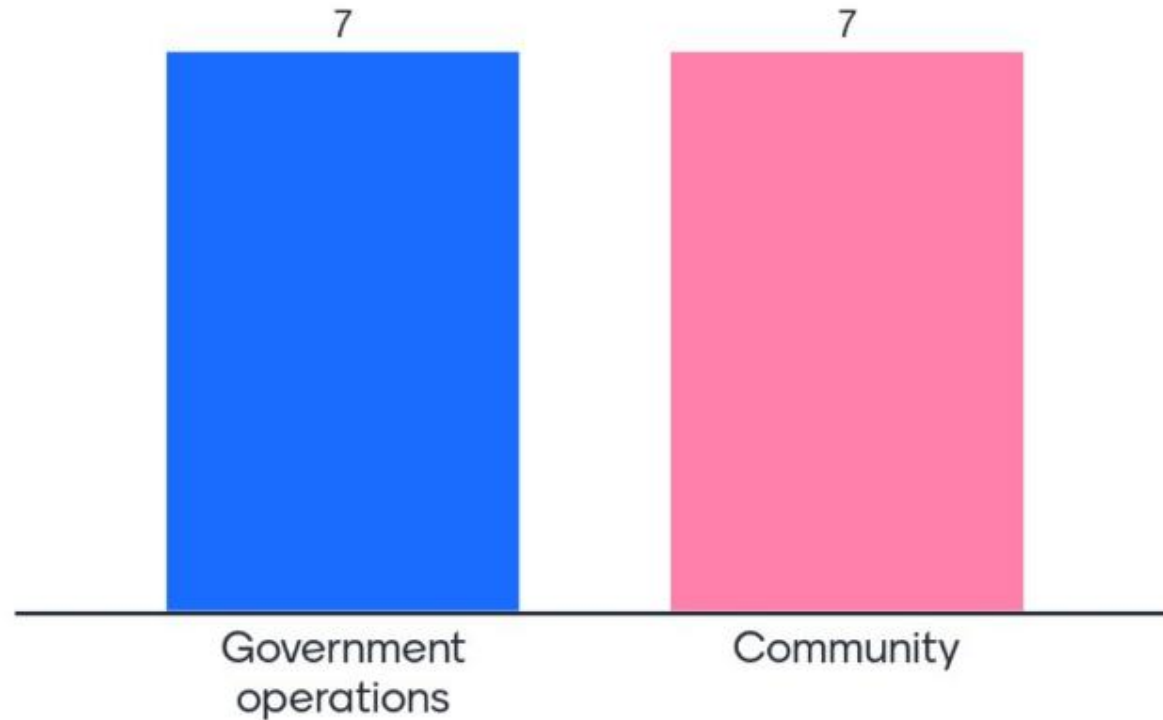




# The County is considering the following topics to include. Which are the most relevant for your agency in the next 1-2 years? Please rank.



# What scope would you be more interested in prioritizing our efforts for planning and future implementation funds?



# Priorities & Existing Resources Breakout Discussion

- Join a breakout room for discussion on priorities and existing resources
  - Priority sectors previously identified:
    - **1st:** Conduct a detailed analysis of existing building electrification and resilience
    - **2nd:** Foster collaboration among and between level of govt, the public, and key stakeholders
    - **3rd:** Conduct a detailed analysis of EV Charging Plan
    - **4th:** Develop a consistent methodology for GHG inventories and technical support from consultants for GHG inventories/climate action planning
    - **5th:** Staff capacity building and training
    - **6th:** Conduct a detailed analysis of carbon sequestration opportunities



# Priority Actions Breakout Discussion

- Are these priorities aligned with your community priorities?
- What shovel ready projects are available that support transformational goals?
- What are your priorities for near-term (to 2030), implementation ready projects?
- Are there any existing funding sources, studies, reports, or data sources we should be considering?



# Stakeholder Engagement





# Process & Outcome Goals for CPRG Engagement

- Transparent, easy to understand process
- Strong outreach, engagement, and coordination across the region
- Focus on equity and environmental justice (via prioritization of outreach to Low Income Disadvantaged Communities).
- Understand regional and local priority measure mitigate climate pollution
- Create reports and documentation that makes it easy to apply for future funding



# Stakeholder Engagement Approach

- Spectrum of Community Engagement to Ownership
- Santa Clara County
  - Leverage and build from the Climate Collaborative (including Equity Work Group) and Climate Network Map
  - Extend outreach to additional LIDAC communities
- San Benito County
  - Upcoming engagement via the Priority Climate Action Plan
- Public outreach meetings
  - 3 virtual meetings in January and February 2023

Activity	Date	Goals
CPRG WG meeting	November 14, 2023	Take stock, review engagement
CPRG WG meeting	Dec 11-14, 2023	Continue stock-taking, refine plan, PCAP framework
CPRG WG meeting	Jan 15-19, 2024	Prepare for engagement
Public engagement #1	Jan 15-19, 2024	Community priorities and concerns
Public engagement #2	Jan 29- Feb 2, 2024	Community priorities and concerns
CPRG WG meeting	Feb 12-16, 2024	Finalizing PCAP
Public engagement #3	Feb 12-16, 2024	Community priorities and concerns



# Stakeholder Engagement Discussion

## Part 1

- What have you done in the past to engage the public in this type of work? What has worked well and what didn't work?
- How do we extend those strategies to reach low-income and disadvantaged communities?



# Stakeholder Engagement Discussion

## Part 2

- How can the Collaborative Team support you in integrating information about CPRG in your outreach efforts?
- Are there existing meetings or groups that we should be attending to share information about the CPRG process and opportunity?
- How do we get people excited about this opportunity?



# Next Steps

- Coordination with BAAQMD
- Fill out Doodle poll to set reoccurring, monthly meeting date through March/April
- December work group meeting: focus on Implementation Grant
- Contact Breann if interested in discussing Implementation Grant before then

