

Draft Priority Climate Action Plan Under U.S. EPA's Climate Pollution Reduction Grants Program

Webinar focused on Northern California

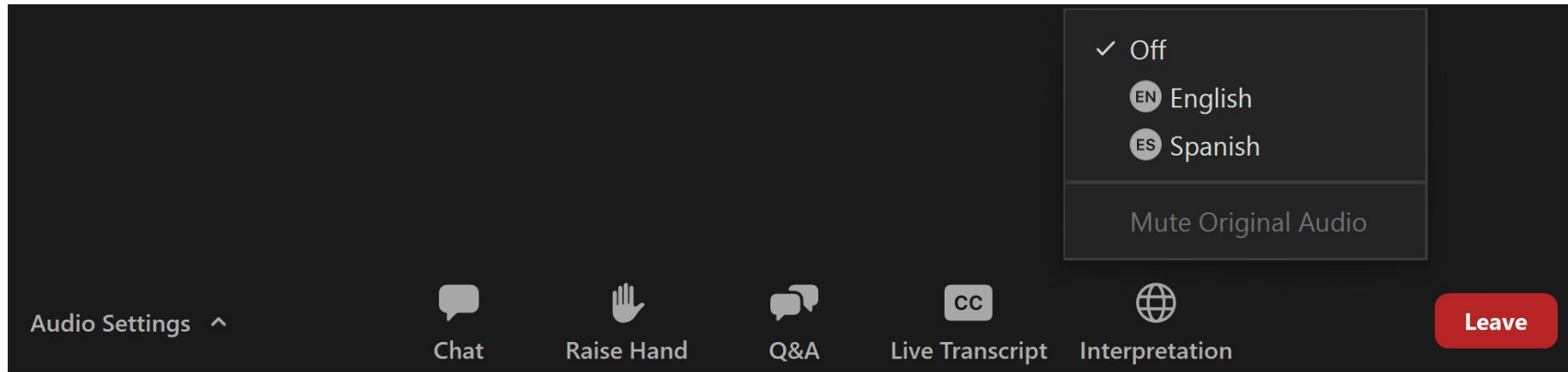
FEBRUARY 1, 2024



Language Interpretation

Cómo escuchar la interpretación de un idioma

1. In your meeting controls, click **Interpretation**, located at the bottom of the screen. / En los controles de la reunión, haga clic en (**Interpretation**). Esto se puede localizar en la parte de abajo.
2. Click the language that you would like to hear. For this meeting, you will have English and Spanish as your options. / Haz clic en el idioma que desee escuchar. Para esta reunión, hay las opciones de Inglés y Español.
3. To only hear the interpreted language (Spanish), click **Mute Original Audio**. / Para escuchar solo el idioma interpretado (español), haz clic en (**Mute Original Audio**).



Webinar Logistics

- Webinar materials and comments docket will be available at California's CPRG webpage
 - <https://ww2.arb.ca.gov/our-work/programs/u-s-epas-climate-pollution-reduction-grants-program>
 - Written feedback may be submitted **Feb. 1 through Feb. 10, 2024 (11:59 p.m. Pacific Time)**.
 - To make comments during this webinar after the presentations:
 1. Use the “Raise Hand” function in the toolbar at bottom of your screen
 2. When staff call your name, please “Unmute” and introduce yourself
 3. Commenters will be given 3 minutes (or less to accommodate all comments). No ceding time to others.



Agenda

1. EPA's Climate Pollution Reduction Grants (CPRG) Program
2. California's process to date under CPRG
3. The State's Draft Priority Climate Action Plan (PCAP)
4. Presentations by Metropolitan Statistical Areas (MSAs) on their draft PCAPs
5. Public comment

An Overview of EPA's CPRG Program

- Provides grants to states, local governments, tribes, and territories to develop and implement plans for reducing greenhouse gas emissions and other harmful air pollution.
- This two-phase grant program provides \$250 million for noncompetitive planning grants, and \$4.6 billion for competitive implementation grants.

<https://www.epa.gov/inflation-reduction-act/climate-pollution-reduction-grants>

CPRG Phase One:

Developing three climate plans over four years

Priority Climate Action Plan (due Mar. 2024)

- Measures included are eligible for \$4.6B
- CA saw outreach & coordination as priorities

Comprehensive Climate Action Plan (due mid-2025)

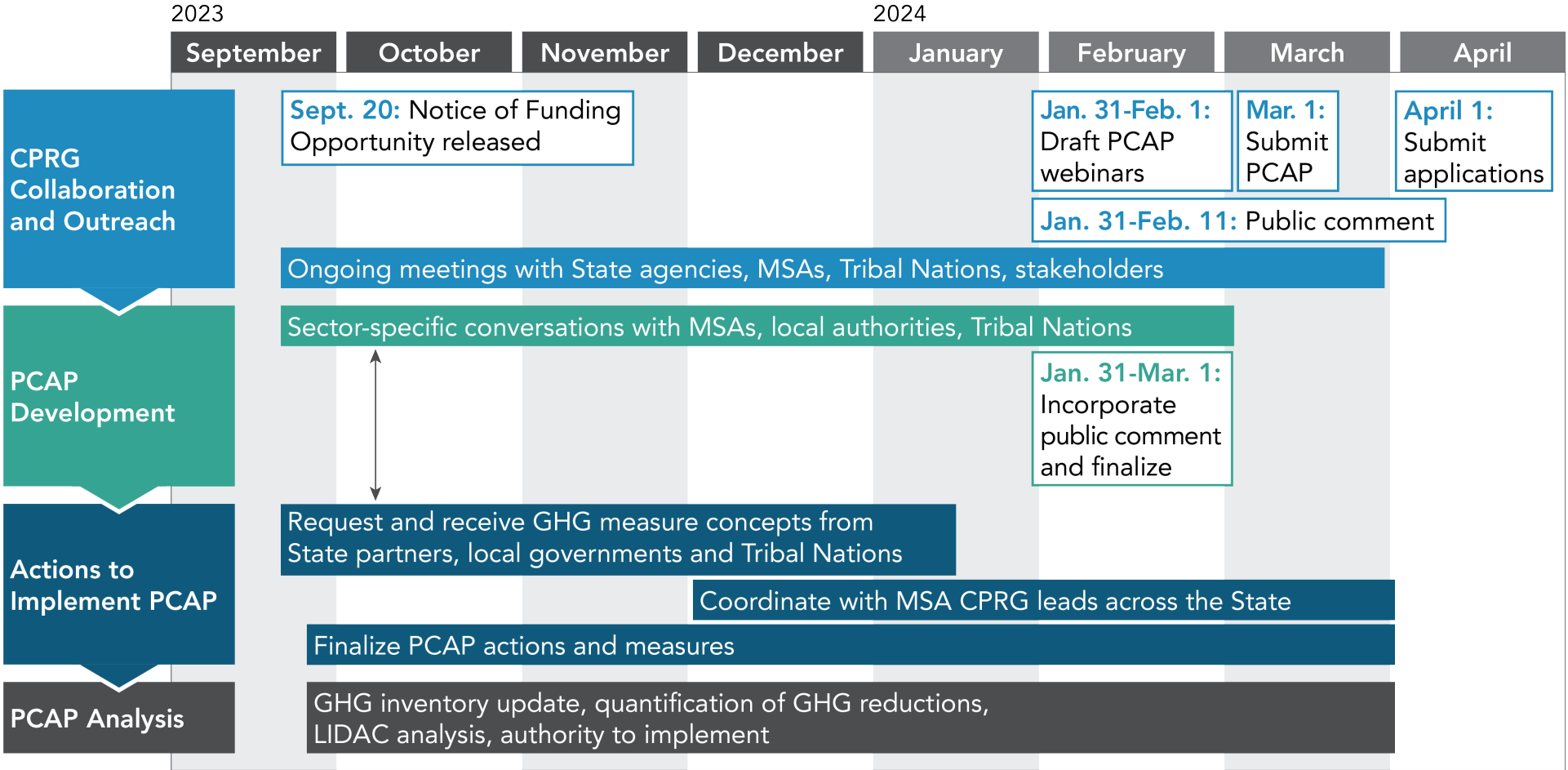
- Larger list of measures, more analysis required

Status Report (due mid-2027)

- Update on implementation
- Overlap with 2027 Scoping Plan Update
- Must include next steps

More on California's workplan under the CPRG Program can be found at: <https://ww2.arb.ca.gov/our-work/programs/us-epas-climate-pollution-reduction-grant-program>

PCAP and application process



Roles of State PCAP

1. Represent California's no-regrets climate actions aligned with California's and CPRG climate and equity goals
2. Coordinate with MSA CPRG leads to maximize funding
3. Include measures that local governments without a CPRG grant want to pursue

For local governments interested in applying, keep in mind Feb. 1 Optional Notice of Intent to apply and other requirements:

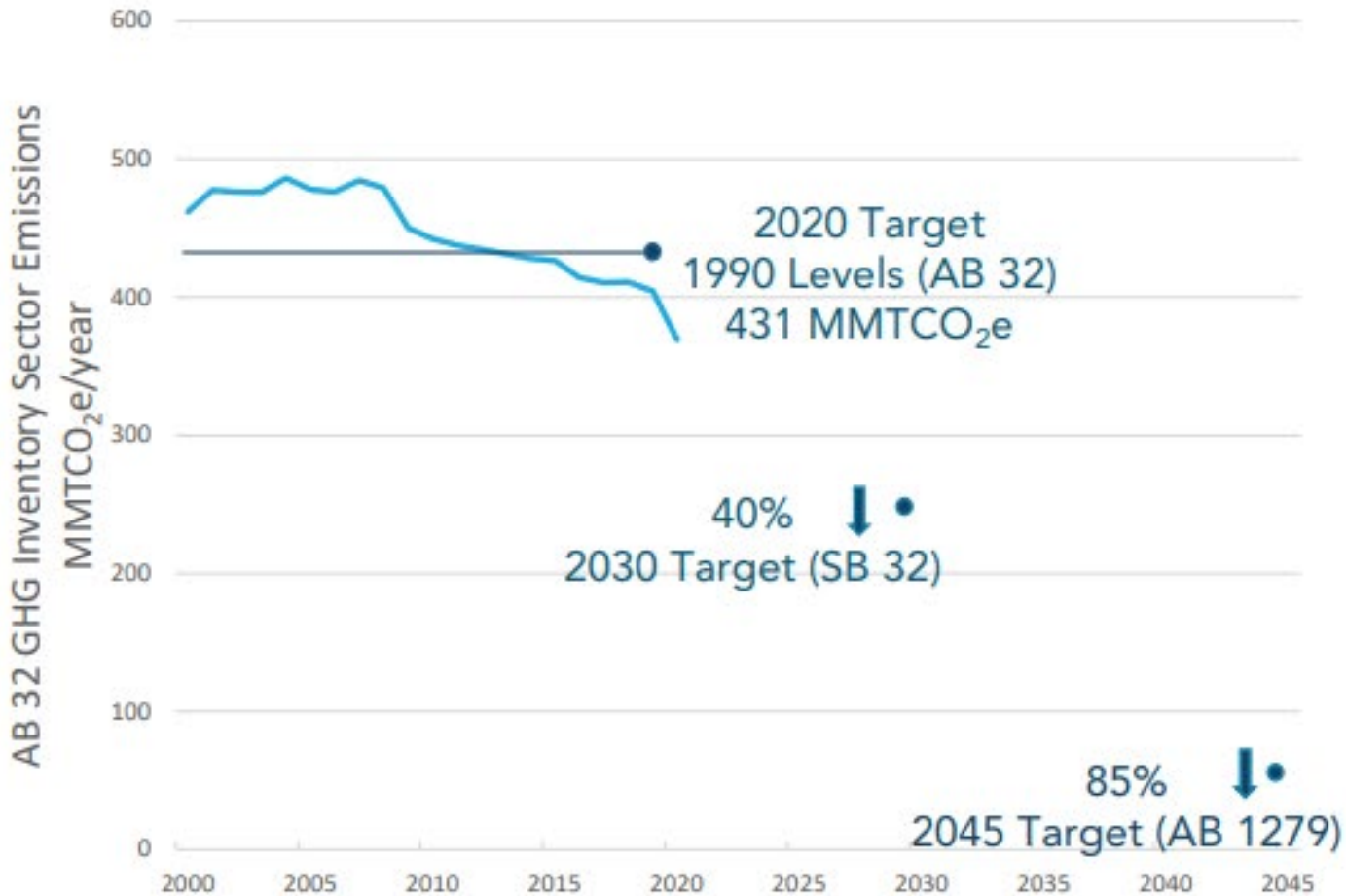
<https://www.epa.gov/inflation-reduction-act/about-cprg-implementation-grants#questions>

California's PCAP includes many elements

- Coordination with State and local entities and Tribal Nations
- Synthesis of existing climate plans and reports
- GHG inventories
- GHG targets
- Climate measures
- Quantified GHG reductions of measures (not yet included)
- Benefits analysis for low-income and disadvantaged communities
- Assessment of other benefits
- Review of authority to implement actions
- Coordination with other funding sources as appropriate
- Workforce considerations

The PCAP leverages 2022 Scoping Plan Update

CA's roadmap to achieve statewide climate targets



ACHIEVING
CARBON
NEUTRALITY
BY **2045**

GHGs included in statute: Carbon dioxide (CO₂), Methane (CH₄), Nitrous oxide (N₂O), Hydrofluorocarbons (HFCs), Perfluorocarbons (PFCs), Sulfur hexafluoride (SF₆), Nitrogen trifluoride (NF₃).

Outreach and Coordination Partners

- California State Agency CPRG Task Force
- Metropolitan statistical areas (MSAs), counties, and cities
- Air districts
- Tribal Nations
- Low-income and disadvantaged communities
- NGOs
- Private sector stakeholders
- Public

California's State Agency CPRG Task Force

An integrated government approach

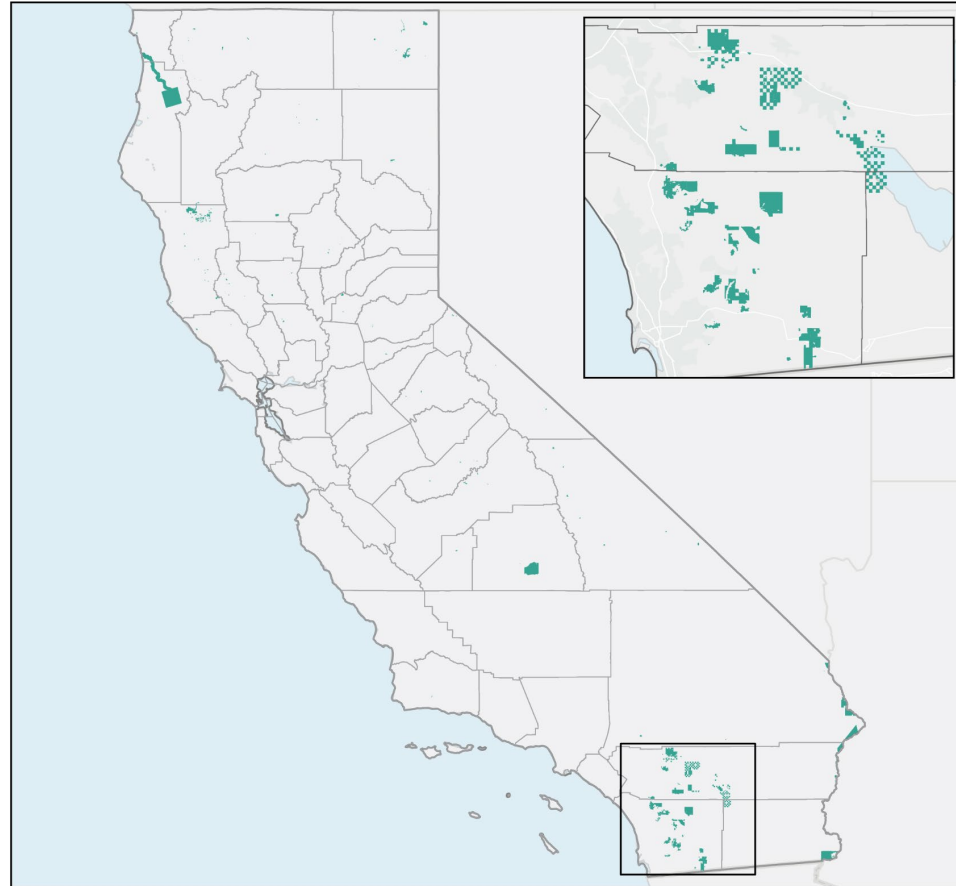


California Metropolitan Statistical Areas (MSAs) that have been offered a CPRG planning grant



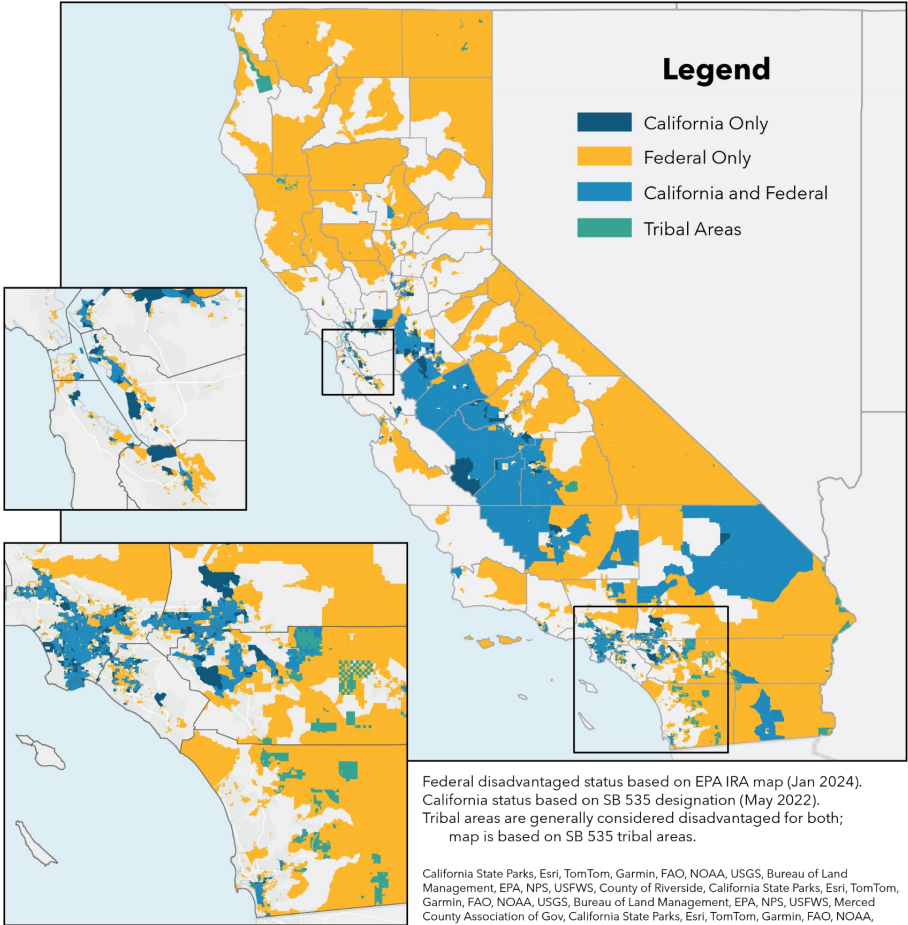
California State Parks, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, USFWS

Tribal Nations that fall within California Boundary



California State Parks, Esri, TomTom, Garmin, FAO, NOAA, USGS, Bureau of Land Management, EPA, NPS, USFWS, California State Parks, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, USFWS

Low Income and Disadvantaged Communities

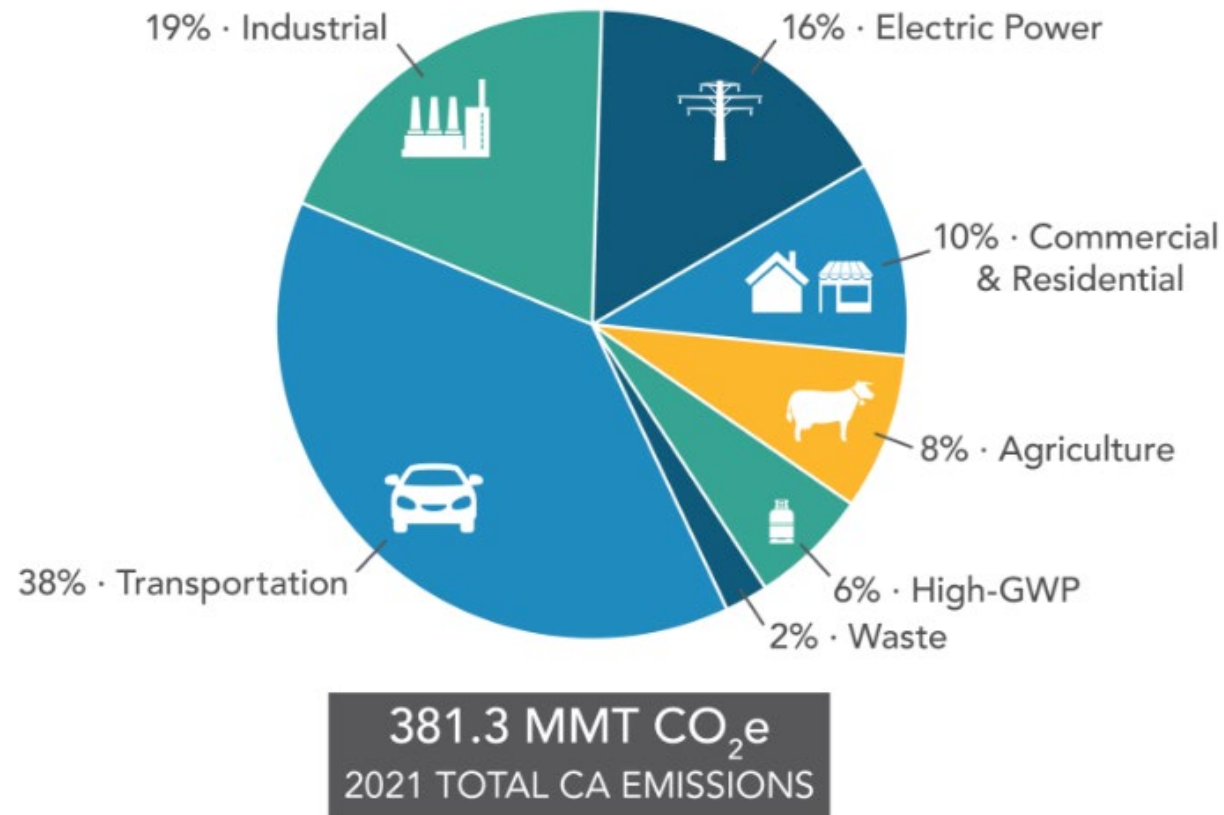


CPRG Implementation Grant Scoring Criteria

EVALUATION CRITERIA SUMMARY	POINTS
1. Overall Summary and Approach	45
2. Impact of GHG Reduction Measures	60
3. Environmental Results - Outputs, Outcomes, and Performance Measures	30
4. Low-Income and Disadvantaged Communities	35
5. Job Quality	5
6. Programmatic Capability and Past Performance	30
7. Budget	45
TOTAL	250

Read more here: <https://www.epa.gov/system/files/documents/2023-09/CPRG%20General%20Competition%20NOFO.pdf>

2021 California GHG Emissions Inventory by Scoping Plan Categorization



PCAP transportation measures



1. Create a Holistic, Heavy-Duty Zero-Emission Vehicle Buydown Program



2. Advance the Deployment of Clean Off-Road Equipment**



3. Bolster the State's Sustainable Port and Freight Infrastructure Program



4. Install Truck Charging to Support Zero Emissions Goods Movement at California Ports and Warehouse Districts



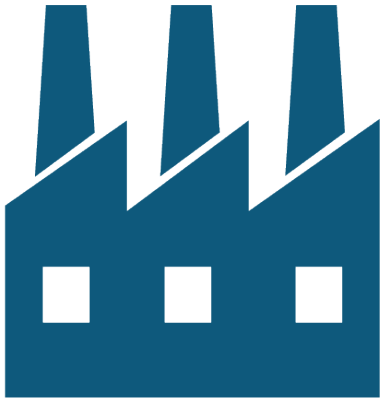
5. Allow for local deployment of ZEVs & ZEV infrastructure**



6. Support Mobility Projects Uplifted by Communities**

***Indicates a measure under which local governments can apply*

PCAP industrial measure



- Accelerate Industrial Decarbonization by expanding the existing Industrial Decarbonization and Improvement to Grid Operations Program (INDIGO)

PCAP energy measures



1. Expand Decarbonization through the Energy Conservation Assistance Act



2. Create Program to Upgrade the Capacity of Distribution Systems



3. Expand the Success of California's Self Generation Incentive Program for Behind the Meter Energy Storage



4. Bolster Healthy Landscapes and Resilient Communities through Expanding the Biomass to Carbon Negative Biofuels Program



5. Enable Renewable Microgrids for Rural Communities and Tribes**
6. Implement Bioenergy Projects**

***Indicates a measure under which local governments can apply*

PCAP high global warming potential measure

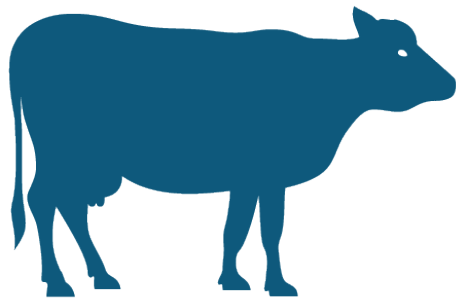


- Expand the State's F-gas Reduction Incentive Program

PCAP agriculture measures



1. Expand California's Healthy Soils Practices**



2. Reduce Methane Emissions by Expanding California's existing Dairy Digester Research and Development Program (DDRDP)

***Indicates a measure under which local governments can apply*

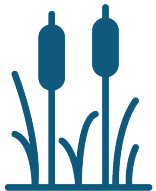
PCAP natural & working lands measures



1. Bolster California's Forest Health Program



2. Expand Urban and Community Forest Projects**



3. Expand the State's Wetland Restoration Program

***Indicates a measure under which local governments can apply*

PCAP waste measures



1. Food Waste Prevention and Edible Food Recovery Program**



2. Bolster Organics Recycling Infrastructure**

***Indicates a measure under which local governments can apply*

Priority Climate Action Plan

San Jose – Sunnyvale – Santa Clara MSA
(Santa Clara County & San Benito County)



County of Santa Clara Office of Sustainability

Stakeholder Coordination

- **Santa Clara County Climate Collaborative:** network and community of practice for public agencies, academia, nonprofits, community-based organizations, businesses, and community leaders.
- Formed **CPRG Work Group**, including San Benito County to develop PCAP



Stakeholder Engagement

- Office hours sessions at local libraries – Santa Clara and potentially San Benito
- Community survey on PCAP measures

Santa Clara County

District 1 - Gilroy Library – Feb 13, 10-12

District 2 - Joyce Ellington Library – Feb 21, 10-12

District 3 - Milpitas Library – Jan 20, 10-12

District 4 - Bascom Library – Jan 25, 3-5

District 5 - Los Altos Library – Jan 24, 5-7

District 5 - Los Gatos Library – Feb 14, 2-4

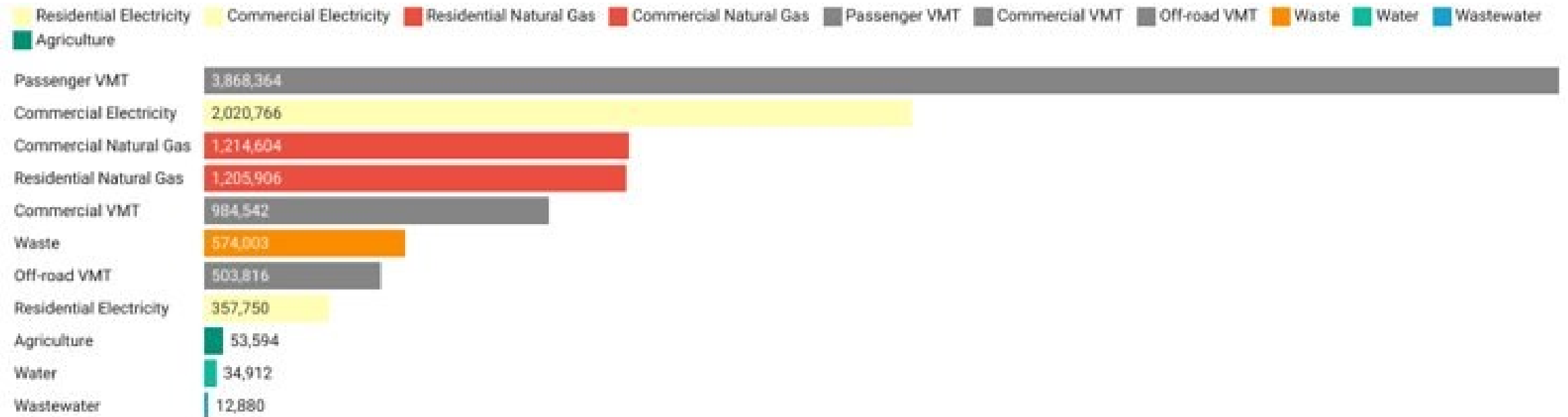
San Benito County

District 2 - Carl Martin Luck Memorial Library – TBD

District 5 - San Benito County Free Library – TBD



GHG Emissions Reductions



Created with Datawrapper

- SCC 2017 Countywide Inventory
- Transportation, Energy, and Organic Waste make up 95% of Emissions Countywide



Focused Disadvantaged Communities

Santa Clara County

- Alum Rock: 2 Census tracts
- East Foothills: 1 Census tract
- Gilroy: 2 Census tracts
- Milpitas: 6 Census tracts
- Mountain View: 2 Census tracts
- San Jose: 72 Census tracts
- Santa Clara: 1 Census tract
- Sunnyvale: 2 Census tracts
- Unincorporated SC County: 4 Census tracts

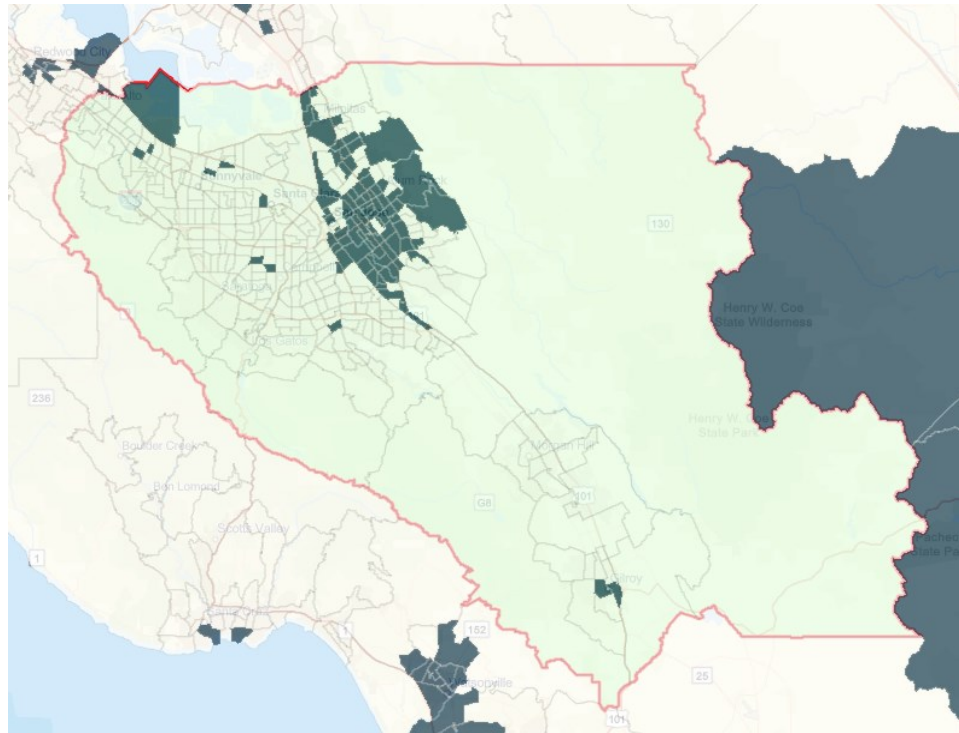
San Benito County

- Hollister: 2 Census tracts

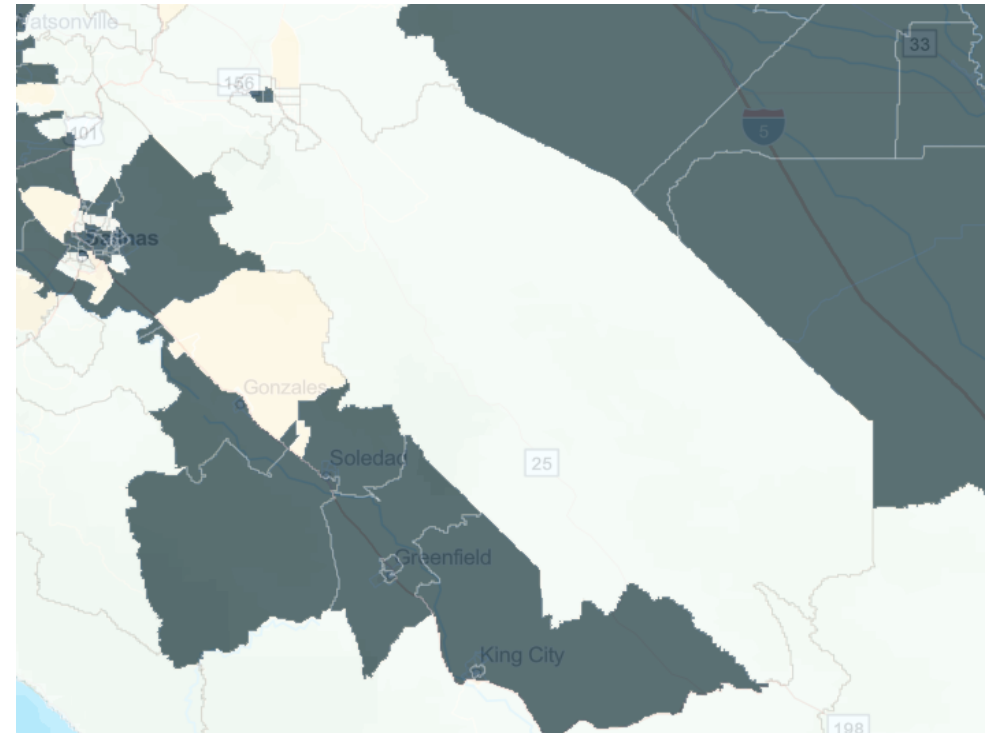


Disadvantaged Communities - Justice 40 Map

- Santa Clara



- San Benito



Priority Measures

- **Building Electrification**
 - Low-and moderate-income residents
 - Workforce development & contractor support
- Other sectors TBD
 - **Transportation** - Mobility Hubs and Transit Decarbonization
 - **Waste** - Food Recovery and Compost Infrastructure Hubs, Community-scale Material Reuse
 - **Carbon Sequestration** - Carbon Smart Agricultural Practices and Regional Compost Program with Carbon Credit Financing





Thank You!

Visit the Office of Sustainability at

www.sccgov.org/sustainability

Contact us

sustainability@ceo.sccgov.org





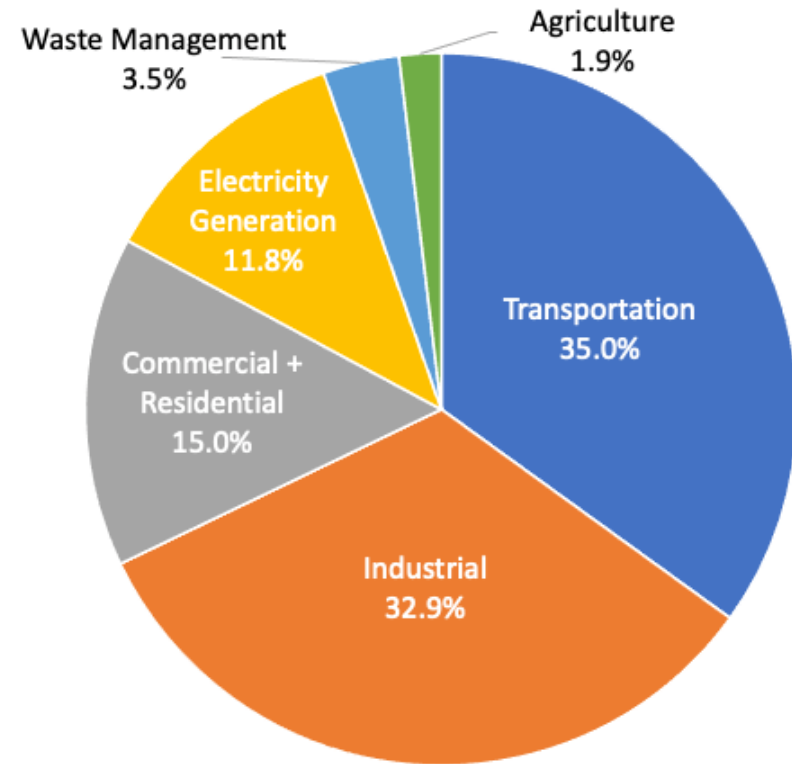
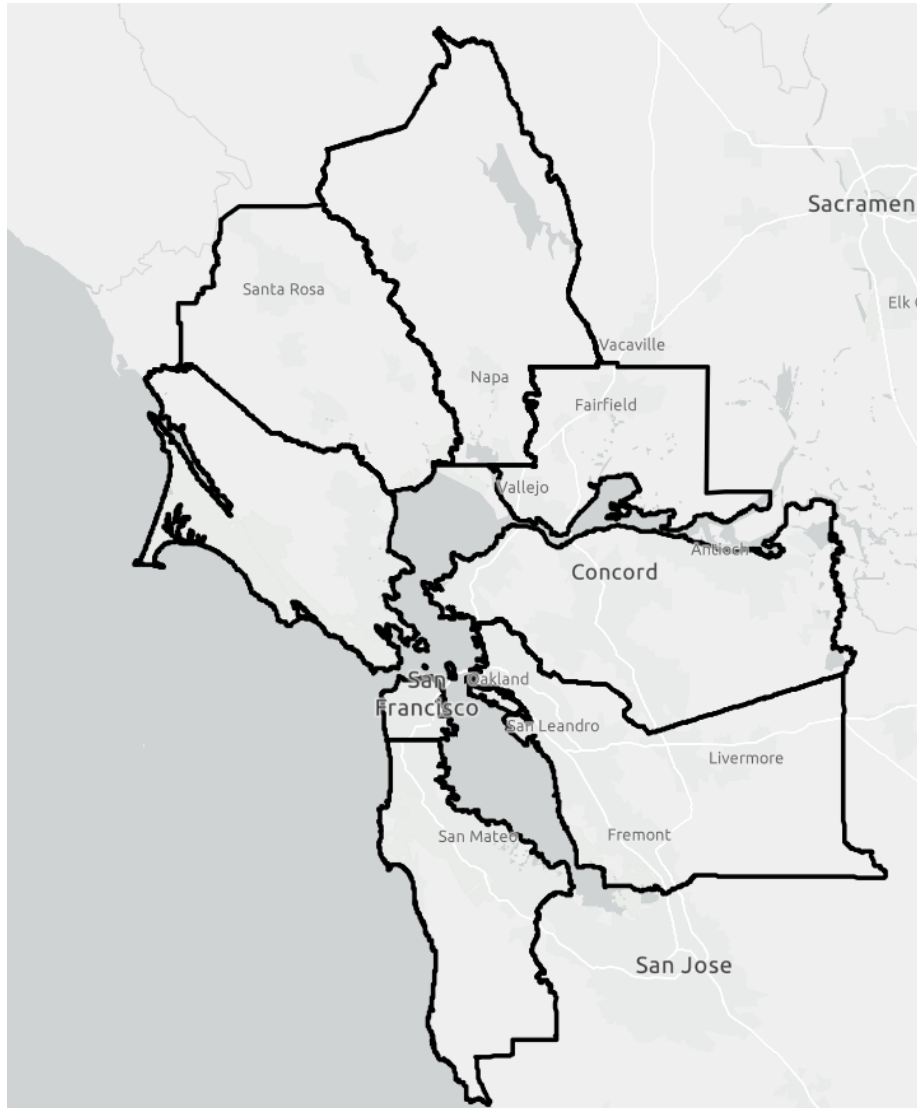
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MANAGEMENT
DISTRICT

Bay Area Regional Climate Action Planning (BARCAP) Initiative

San Francisco-Oakland-Berkeley MSA
California Air Resources Board's Draft State PCAP Public Workshop

February 1, 2024

Overview of the MSA



2022 GHG inventory for modified MSA region

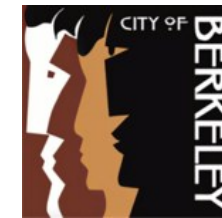
Input from Advisory Work Group



Meets monthly to discuss and make decisions on key aspects of the project. Members include:



City of
Oakland



Input from Local Governments



- Review of existing city and county climate action plans
- Three surveys of city and county staff followed by interviews
- County-led and CCA-led forums for city and county staff and community-based organizations
- Interviews with regional and county transportation agencies
- 4-part Working Session series to develop measures

Building Upon Community Engagement Efforts



July – September 2023

Air District synthesized findings from

- Recent community engagement efforts for CAPs, GPs, EJ/housing elements, etc.;
- Local government community engagement survey; and
- External meetings

September – December 2023

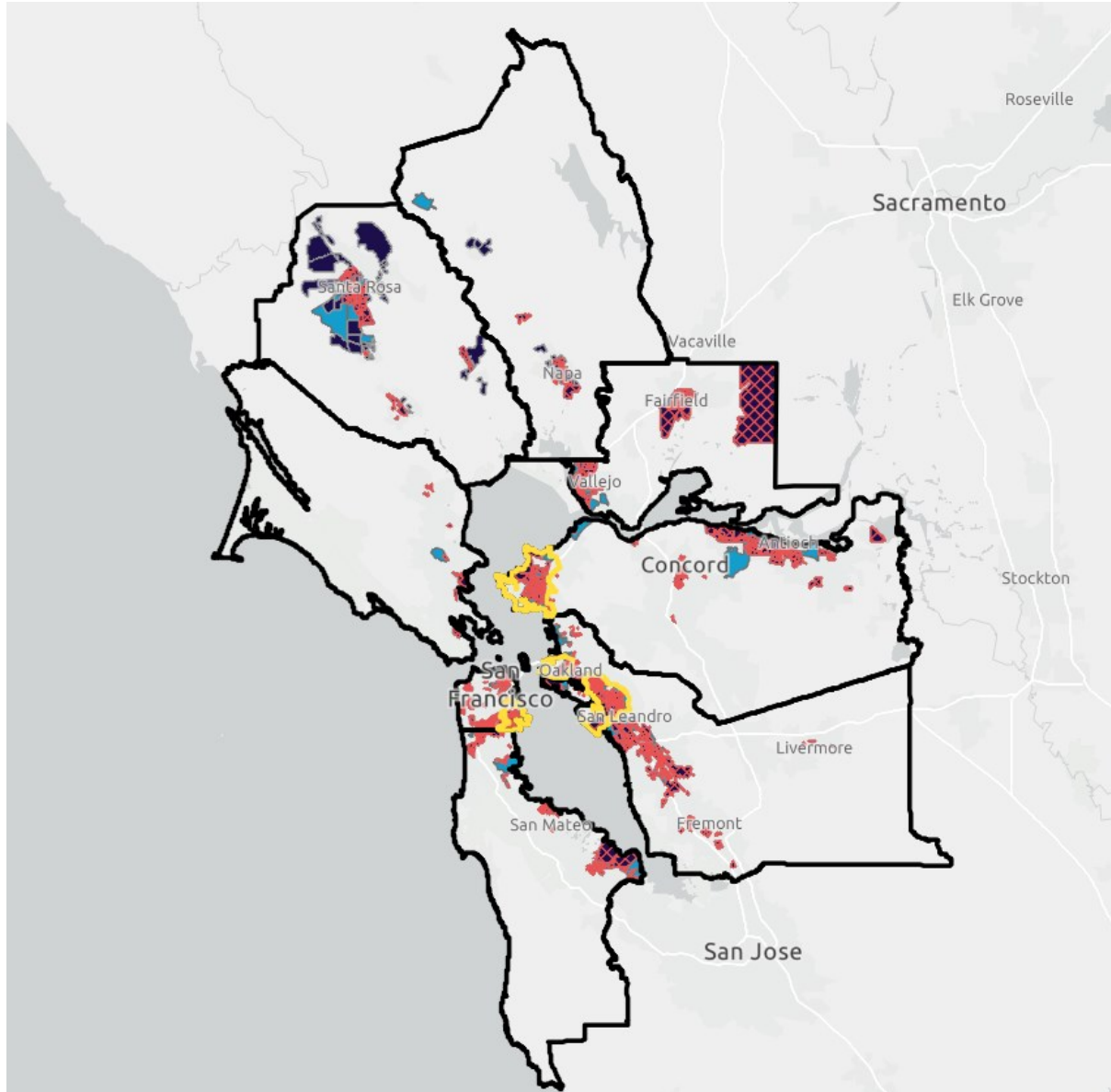
Roundtable of community-serving organizations

- Reviewed synthesis and added implementation priorities and key benefits/disbenefits that reflect community needs and priorities
- Participated in Working Sessions and provided feedback on measure design principles


Roundtable Members



Map of Frontline Communities




BARCAP Planning Area

 Boundary


(2024) EPA IRA Disadvantaged Communities

 Block Group

AB 617 Community Emissions Reduction Plan (CERP)

 Community Boundary

MTC Equity Priority Communities

 Census Tract

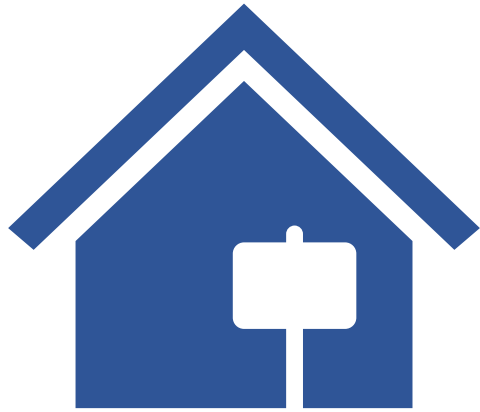
Measure Design Working Sessions



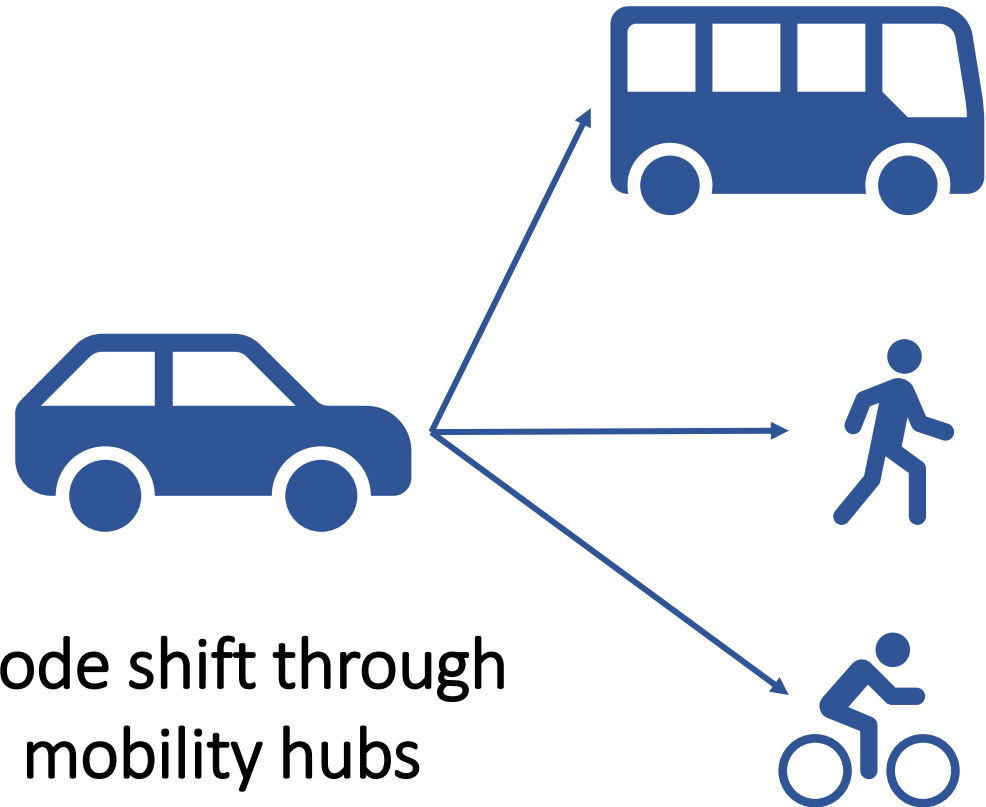
- 80+ stakeholders (*local governments, regional agencies, CBOs, CCAs, utility, Roundtable members, subject matter expert NGOs, non-profit housing developers, non-profits who conduct retrofits, bike advocacy organizations, and others*)
- Participants developed
 - Design principles to guide measure development
 - Detailed measure descriptions
 - Suggestions for potential implementation grant proposals and partners



Priority Measure Focus Areas for PCAP



Existing residential
building
decarbonization



Mode shift through
mobility hubs

Draft Measure: Holistic Building Decarbonization for Clean, Healthy, and Secure Housing



Accelerate electrification and energy efficiency retrofits in existing homes, prioritizing homes located in frontline communities

- **Retrofits through Incentives and Direct Installs**
 - Electrify existing homes
 - Address deferred maintenance and health and safety concerns
 - Include efficiency measures for building envelopes and heating distribution systems, demand response, load shifting, and resident education
- **Community Work Group to advise on and participate in implementation**
- **Workforce development and contractor support**
- **Housing security and policy support**

Draft Measure: Safe, Accessible, Clean, and Equitable Multi-Modal Transportation



Reduce single occupancy VMT by creating or building out Mobility Hubs in frontline communities to facilitate trips by transit, biking, walking, scooter, wheelchair or other mobility devices, including e-mobility

- **First-mile, last-mile connectivity improvements**
 - Bicycle and pedestrian facility improvements, incorporating complete streets and vision zero
 - Micro-mobility, bikeshare/e-bikeshare
 - EV Carshare/EV Charging (on-site and in adjacent area)
- **Multi-modal connectivity improvements**
- **Discounted fare and bike share passes for low-income and underserved populations**
- **E-bike incentives**
- **CBO engagement and participatory processes to inform design of hubs**
- **Outreach and education to the community, with a special focus on youth**



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

Thank you!

Draft Priority Measure Descriptions available at:
<https://www.baaqmd.gov/plans-and-climate/climate-protection/bay-area-regional-climate-action-planning-initiative>

climate@baaqmd.gov

Questions and Feedback Session

- Public Comment Instructions



Raise Hand

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- Submit written feedback online through February 11, 2024, at 11:59 p.m. Pacific Time
 - Link to submit written feedback available at Cap-and-Trade Meetings and Workshops webpage
 - <https://ww2.arb.ca.gov/our-work/programs/u-s-epas-climate-pollution-reduction-grants-program>

Next Steps

- Submit written feedback online through February 11, 2024. Link at
 - <https://ww2.arb.ca.gov/our-work/programs/u-s-epas-climate-pollution-reduction-grants-program>
- State will finalize PCAP, in coordination with MSAs, Tribal Nations.
- Submit PCAP to US EPA March 1, 2024.
- Submit applications to fund PCAP measures April 1, 2024
- For local governments interested in applying, please consult EPA's website: <https://www.epa.gov/inflation-reduction-act/about-cprg-implementation-grants>