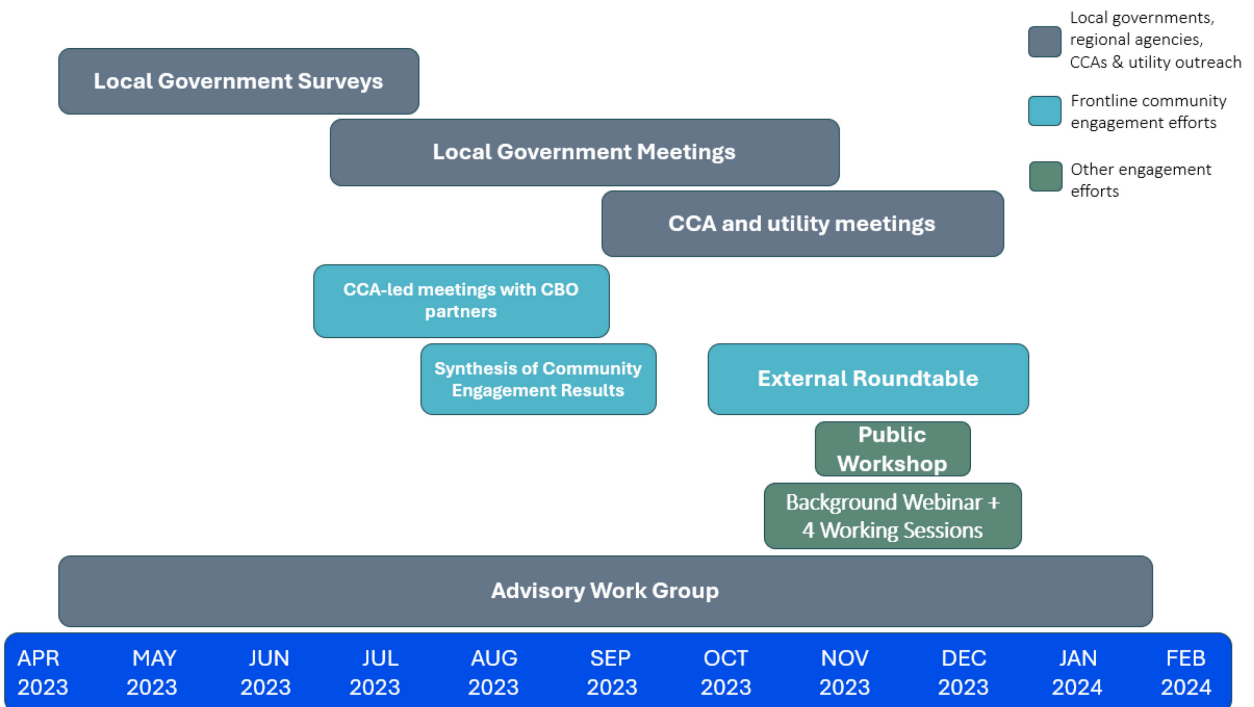# Appendix B - Engagement of Stakeholders during the PCAP

Overview of Engagement Efforts

The Air District led a public and stakeholder engagement process for the PCAP, working closely with county partners, ABAG/BayREN, BARC, MTC/ABAG, CCAs, and community-serving organizations. The engagement process was designed to involve relevant stakeholders in the Bay Area region as broadly as possible in this planning effort, to ensure that a wide and diverse set of perspectives, experience and input is reflected in the PCAP. Engagement efforts relied largely upon established avenues for reaching local government staff, frontline communities, and other key stakeholders. The PCAP leveraged stakeholder engagement that is ongoing or was recently conducted within the Bay Area region for climate action plans and related efforts.

Figure 1. **Bay Area region's PCAP Engagement Plan**

Outreach and Coordination with Local Governments, Regional Agencies, Community Choice Aggregators and Utilities

Advisory Work Group

The District established an Advisory Work Group (AWG) composed of representatives from regional agencies (Air District, ABAG/BayREN, BARC, and MTC), the cities named in the federally-designated MSA (City of Berkeley, City of Oakland, and City and County of San Francisco) and the counties comprising the MSA (Alameda County, Contra Costa County, Marin County, Napa County, San Mateo County, and the

portions of Solano County and Sonoma County that are within the Air District's jurisdiction). The Air District coordinated with Santa Clara County, who is leading the San Jose-Sunnyvale-Santa Clara MSA's CPRG planning process.

The AWG met monthly (for a total of 5 meetings) to discuss and make decisions on key aspects of the PCAP including coordination and engagement with other agencies, organizations and LIDACs, measure selection, and development of deliverables, as well as provision of information and data and advising on technical analyses. Development of the PCAP leveraged ongoing stakeholder engagement efforts by AWG members, with some support from AWG members for targeted engagement as needed. The Air District co-developed the PCAP workplan and shared communications points with AWG members to ensure common messaging to local agencies and organizations, LIDACs, and other stakeholders. Members also participated in the measure design Working Sessions in October – December 2023, which are described later in this document.

Table 1. Members of the Advisory Work Group

Name	Role and Organization	Regional, County or City Representative
Aleka Seville	Regional Coordination Advisor, Association of Bay Area Governments/ Bay Area Regional Energy Network (ABAG/BayREN)	Regional
Allison Brooks	Executive Director, Bay Area Regional Collaborative (BARC)	Regional
Avana Andrade	Senior Sustainability Coordinator, Office of Sustainability, County of San Mateo	County
Cyndy Comerford	Climate Program Manager, SF Environment	City, County
Dana Armanino	Planning Manager, County of Marin	County
Jamesine Rogers Gibson	Senior Advanced Projects Advisor, Bay Area Air Quality Management District	Regional
Jody London	Sustainability Coordinator, Contra Costa County	County
Katie van Dyke	Climate Action Program Manager, City of Berkeley	City
Kim Springer	Transportation Systems Coordinator, City/County Association of Governments of San Mateo County	County
Miya Kitahara	Program Manager, Alameda County Waste Management Authority (StopWaste)	County
Narcisa Untal (ex-officio)	Senior Planner, Solano County	County
Ryan Melendez (ex-officio)	Sustainability Planner, Napa County	County
Shayna Hirschfield-Gold	Climate Program Manager, City of Oakland	City
Tanya Nareth (ex-officio)	Chief Deputy Executive Officer, Sonoma County Transportation Authority/Regional Climate Protection Authority	County

| Therese Trivedi | Assistant Planning Director, Metropolitan Transportation Commission (MTC) | Regional |

Representatives from Solano, Napa, and Sonoma counties served as ex-officio members to the Advisory Work Group to encourage coordination of aligned efforts across the region, since these counties were not officially approved by the EPA for inclusion in the Bay Area region for the PCAP until January 2024.

Table 2. Advisory Work Group Meetings

Advisory Work Group Meeting Date	Topics covered
June 15, 2023	• Develop Group Agreements • Agree upon frontline communities identification approach • Share and receive feedback on PCAP engagement approach and key messaging points • Request AWG members share results of frontline community engagement for relevant planning efforts and facilitate connections to existing engagement channels or efforts
July 27, 2023	• Discuss results of local government surveys and potential PCAP measure ideas • Review AWG charter and EPA workplan update
August 24, 2023	• Share preliminary findings from community engagement synthesis and survey • Discuss two high-level PCAP measure concepts – buildings and transportation, with more focused discussion on transportation
September 28, 2023	• Welcome new members • Provide overview of Notice of Funding Opportunity for the CPRG Implementation Grant Applications to inform measure development criteria • Identify existing barriers to successful implementation of PCAP measure concepts • Develop draft design principles for measures • Discuss and provide feedback on the Working Sessions approach • Request AWG members recommend who to invite to Working Sessions
December 6, 2023	• Review draft PCAP Measure Descriptions • Discuss implementation proposal ideas and potential roles and partners

AWG meetings and individual member contributions resulted in the following outputs:

- Input for EPA workplan
- Definition of frontline communities for BARCAP effort
- Input on priority sector selection and measure concepts
- Refinement of measure concepts

- Refinement of draft measure descriptions resulting from Working Sessions
- Initial input on design principles
- Meetings with local governments and other partners through AWG member facilitated meetings
- Findings from recent community engagement conducted by local governments and regional agencies
- Recommendations for invitees to Working Sessions
- List of existing efforts for PCAP and CCAP to build upon

Local Government Engagement

The Air District conducted extensive outreach to local governments in the Bay Area region to understand their priorities and implementation-ready projects for the PCAP, to request the results of recent community engagement efforts (as described in Section VI), and to further develop the PCAP measures during a series of Working Sessions. In total, over 50 cities, towns, and counties (or nearly 60 percent total regionwide) participated in at least one outreach effort. The Association of Bay Area Governments (ABAG) has served as a key partner and sub-awardee, primarily through its Bay Area Regional Energy Network (BayREN) program. Specifically, ABAG/BayREN has supported the Air District in designing the structure of the AWG, co-leading local government outreach and the measure design Working Sessions.

Table 3. Local governments who participated in at least one PCAP outreach effort

Alameda County	City of Alameda	City of Albany
City of Antioch	City of Atherton	City of Berkeley
City of Brisbane	City of Burlingame	City of Concord
Town of Corte Madera	Contra Costa County	City of Cotati
City of East Palo Alto	City of El Cerrito	City of Emeryville
Towns of Fairfax and San Anselmo	City of Foster City	City of Fremont
City of Half Moon Bay	City of Hayward	City of Healdsburg
City of Lafayette	City of Larkspur	Marin County
City of Martinez	City of Menlo Park	City of Mill Valley
City of Moraga	Napa County	City of Napa
City of Novato	City of Oakland	City of Oakley
City of Pacifica	City of Petaluma	City of Piedmont
City of Pinole	City of Pittsburg	City of Pleasant Hill
City of Pleasanton	City of Redwood City	City of Richmond
City of Rohnert Park	City and County of San Francisco	City of San Leandro
City of San Mateo	San Mateo County	City of San Pablo
City of San Rafael	City of Santa Rosa	Solano County
Sonoma County	City of South San Francisco	Town of Tiburon
City of Walnut Creek	Town of Windsor	

County-led meetings and individual meetings

AWG members invited Air District staff to attend regularly occurring meetings of local governments that they convened in June – July 2023, including the Contra Costa County Energy Efficiency Collaborative, the Marin Clean Energy Partnership, Regional Climate Action Planning Suite Program (RICAPS) in San Mateo County, and StopWaste's Technical Advisory Group in Alameda County. Air District staff presented on the BARCAP effort and PCAP development and sought input from attendees.

Air District staff also met with several city and county staff individually during summer and fall 2023 to discuss their priorities, potential efforts that they would recommend scaling up and/or replicating regionally, and any input from their recently completed engagement of frontline communities.

Table 4. Local Government Meetings

Meeting and date	Attendees	Type of meeting
6/20/23	StopWaste Technical Advisory Group (TAG)	Presentation
6/22/23	Contra Costa County Energy Efficiency Collaborative	Presentation
7/10/23	Marin Climate and Energy Partnership	Presentation
7/18/23	StopWaste TAG	Presentation
7/24/23	City of San Rafael	Individual meeting
7/25/23	San Mateo County RICAPs	Presentation
7/27/23	Bay Area County Transportation Agencies Executive Roundtable	Presentation
8/16/23	Alameda County Community Development Agency	Individual meeting
8/18/23	City of Berkeley	Individual meeting
8/18/23	City of San Leandro	Individual meeting
8/21/23	City of Hayward	Individual meeting
8/22/23	City of Fremont	Individual meeting
8/31/23	City of Berkeley	Individual meeting
9/11/23	Sonoma County RCPA	Individual meeting
9/12/23	Solano County	Individual meeting
9/13/23	Napa County	Individual meeting
9/25/23	San Mateo County, Caltrain, and SamTrans	Group meeting
9/27/23	Alameda County Public Works and Community Development Agency	Group meeting
9/29/23	City of Fremont	Individual meeting
10/3/23	City of East Palo Alto	Individual meeting
10/4/23	Marin Clean Energy	Presentation
10/5/23	City of Oakland (DOT)	Individual meeting
11/16/23	Port of Oakland	Individual meeting
11/21/23	Contra Costa County Dept of Health	Individual meeting

Surveys

The Air District conducted three surveys of local governments between April and July 2023. The first two focused on gathering initial input and interest from local governments about their priority sectors and implementation-ready projects for reducing GHG emissions. The third asked local governments with frontline communities to share findings from recent or ongoing engagement efforts.

Table 5. Local Government Surveys

Survey (date)	Description of Survey	Number of responses
Share Priorities for a Bay Area Regional GHG Reduction Plan (April 2023)	Requested local governments indicate how they would like to participate in the BARCAP, share their priority sectors for the PCAP (based on availability of implementation-ready projects), and share whether they have a climate action plan or GHG reduction plan	26
Participant Interest Form for BARCAP (June 2023)	Requested local governments indicate their interest in participating in the effort, share their ideas for consideration in the PCAP, and note if additional supporting information is available.	35
Community Engagement Findings Form by BARCAP Effort (July 2023)	Requested local governments with frontline communities to share their findings from recent or ongoing community engagement efforts.	13

In addition, the Air District invited local government staff from all cities and counties in the Bay Area region to the Working Sessions. All counties and 48 cities and towns participated in at least one session.

Engagement of local governments resulted in the following outputs:

- Identification of priority sectors, implementation-ready projects, and existing efforts to leverage, scale, and/or replicate
- Findings from recent or ongoing community engagement conducted by local governments
- Refinement of measure concepts into measure descriptions in Working Sessions

Community Engagement Efforts

Community Engagement Synthesis

When engaging communities in the Bay Area region, the Air District seeks to follow a meaningful and thoughtful process,[1] which is best practice in the Bay Area. The expedited PCAP timeline did not provide sufficient time to do that. Rather than launch a brand-new engagement effort, the Air District opted to learn from recent community engagement efforts conducted by local governments to inform their planning efforts (climate action plans, transportation plans, general plans, etc.). Air District staff synthesized the results of recently conducted, meaningful community engagement efforts described in documents provided by local governments in the Bay Area region. The purpose of the synthesis was to identify and summarize findings about common community priorities and concerns of the Bay Area region's frontline communities overall and with respect to the two identified sectors for the PCAP:

residential building electrification and transportation mode shift. The process benefited from community engagement that had already been conducted related to these topic areas.

This approach not only saved time, but it also protected the many crucial relationships between local governments and regional agencies and frontline communities from harmful impacts of a rushed and potentially ill-informed new engagement process. The approach prevented meeting fatigue and frustration stemming from frequent repetition of the same questions. It also allowed for strategically building upon thoughtful community-driven engagement while allowing room for deeper public engagement for the CCAP.

The Air District began this process in the summer by soliciting community engagement results from AWG members and local government staff through the July 2023 Community Engagement Findings Survey mentioned above. Regional agencies, cities, and counties shared documents related to a range of planning efforts across the region, including climate action plans, general plans, building electrification plans, transportation plans, community profiles, and housing plans. Once all relevant documents were collected, the Air District completed an initial screening, selecting the documents that contained findings from 2020 onward, and those that specifically engaged census tracts identified as frontline communities for the purposes of the PCAP.[1] The Air District then pulled out important information about community priorities and concerns from this pool of relevant documents. Extraction of information from the documents focused on who was engaged and how, frontline communities' priorities and concerns, and any feedback (positive or negative) that frontline communities provided on specific greenhouse gas reduction measures. Both qualitative and quantitative information was used as part of the analysis.

This work culminated with a draft Community Engagement Synthesis document (Synthesis) of findings about community priorities and concerns of the Bay Area region's frontline communities, overall and with respect to the two identified sectors for the PCAP: residential building electrification and transportation mode shift. The Synthesis included executive summaries, exemplars from local planning process documents, benefits and dis-benefits of potential implementation measures, methodology, and a list of documents reviewed.

The Synthesis also informed the frontline community benefits/disbenefits analysis in the PCAP and will help shape measure development and the frontline communities benefits analysis for the CCAP. The needs and priorities of frontline communities identified through this process were critical to the development of the PCAP measures.

Roundtable

The draft Synthesis was then shared with a Roundtable of regional community-serving organizations to review, discuss, add to and otherwise improve and finalize the document. The Roundtable was tasked with ensuring that the Synthesis reflected the most important common needs and priorities of frontline communities. To maintain efficiency and focus, the Air District invited a select group of organizations for participation in the Roundtable. The Roundtable was composed of regional community-serving organizations (TransForm, PODER, Emerald Cities Collaborative, and Greenlining Institute), each having knowledge and expertise from their work with communities regionally in the two targeted sectors.

Criteria that went into the consideration and choosing of Roundtable members included:

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[1] For the purpose of the PCAP, frontline communities are defined using: 1) EPA IRA Disadvantaged Communities, 2) AB 617 communities, and 3) MTC Equity Priority Communities, and visualized together in this map.

- Significant experience working on community-based issues
- In-depth understanding of Bay Area frontline communities
- Significant expertise in climate equity issues
- Expertise working with communities on transportation and clean building topics

Table 6. Community Engagement Roundtable Members

Name	Role and Organization
Aminah Luqman	Oakland Program Manager, Capacity Building, The Greenling Institute
Antonio Diaz	Coordinating Director, PODER
Megan Leary	Community Engagement and Policy Manager, Emerald Cities Bay Area Collaborative San Francisco Bay Area
Zack Deutsch-Gross	Policy Director, TransForm

The Air District contracted with the firm Christine Selig Associates to work with Air District staff to coordinate and facilitate a series of meetings with the Roundtable. Preliminary one-on-one meetings between Roundtable members and Air District staff and Christine Selig were conducted in early October 2023 to provide introductions, a briefing on the project's background, and an opportunity for Roundtable members to provide initial input. The Roundtable met together twice in October 2023 and a third time in individual meetings (due to scheduling challenges) in December 2023, with work on the synthesis document continuing in between meetings.

Table 7. Meetings of the Roundtable

Date of Meeting	Goal of Meeting
September 2023 (one-on-one introductory briefings)	• Meet and build rapport with contractor and Air District staff • Receive background on project • Provide input to engagement approach
Early October 2023	• Discussed participation during upcoming Working Sessions. • Introduction to design principles • Discussed workforce development as related to potential PCAP measures
Late October 2023	• Refine and finalize design principles • Review and discussed draft Synthesis
December 2023 (one-on-one meetings)	• Discuss and provide feedback on draft PCAP measures • Final review of draft Synthesis

In addition, three Roundtable members participated in a series of four Working Sessions with other critical stakeholders to design the PCAP measures during October – December 2023. In these Working Sessions, Roundtable members shared the priorities and issues based on their expertise and experience working with communities and those that had been arising through their work on the Synthesis

document. This input helped inform PCAP measure refinement and ensured the measures addressed frontline communities' priorities and concerns.

Roundtable meetings and individual member contributions resulted in the following outputs:
- Feedback on the design principles to guide PCAP measure development;
- Identified priorities for PCAP measures that reflect community needs and priorities;
- List of specific community benefits and disbenefits to inform the frontline communities benefits analysis; and
- Input for final Synthesis document reflecting implementation priorities to inform both the PCAP and CCAP.

Other CBO Engagement

The Air District presented on the BARCAP at two meetings hosted by community choice aggregators (CCAs) with their community partners. In June 2023, the Air District presented to the MCE Community Power Coalition[2] - a network of social, racial, and environmental justice organizations. In September 2023 Air District staff presented to a meeting of Peninsula Clean Energy and its community partners.

Other Stakeholder Engagement

In addition to the review and synthesis of recent community engagement documents and findings and the convening of the Roundtable, the Air District reached a broader universe of stakeholders through a four-part Working Session series and public workshop convened in Fall 2023.

Working Sessions

The Air District, with support from ABAG/BayREN, designed and facilitated four Working Sessions during October – December 2023 to develop the PCAP measures. Invitations were extended to all local governments in the Bay Area region. AWG members recommended specific non-governmental entities and individuals to invite as well. Criteria for inviting organizations and individuals to participate in the Working Sessions included:
- Local government staff and regional agencies, particularly those who work in agencies, offices or programs with plans or projects in either measure focus area
- Potential to participate in an implementation grant proposal as a coalition partner
- Program implementers with experience implementing relevant projects on the ground
- Expertise in the subject matter areas of sustainable transportation and building decarbonization
- Community-based organizations who work with the frontline communities likely to be impacted by measure implementation
- Background and expertise working on environmental, transportation, building, and/or climate issues at the community level
- Roundtable members
- Others as recommended

Thirty cities and counties participated in the Working Sessions alongside AWG members, and representatives from the following groups: non-profits with technical or subject matter expertise; non-

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[2] https://www.mcecleanenergy.org/energy-equity/#communitypower

profit organizations that retrofit buildings, transportation agencies, workforce training and labor representatives, CCAs and utilities, non-profit housing developers, CBOs, and others. In total over 90 stakeholders participated across all four sessions.

Table 8. Working Session Participants

Organization (Number of participants)	Type of Stakeholder
AAPI Coalition of North Bay (1)	Community-based organization (CBO)
Association of Bay Area Governments/Bay Area Regional Energy Network (3)	Regional Agency
AEA (1)	Non-profit Organization that conducts building retrofits
City of Alameda (1)	Local Government
Alameda County (2)	Local Government
Alameda CTC (2)	Local Government, Transportation Agency
Alameda County Public Health Department (1)	Local Government, Public health
City of Albany (1)	Local Government
City of Antioch (1)	Local Government
City of Atherton (1)	Local Government
Ava Community Energy (3)	CCA
Bay Area Regional Collaborative (2)	Regional Agency
Bay Area Rapid Transit (1)	Transportation Agency
Building Electrification Institute (2)	Subject Matter Expert
City of Berkeley (2)	Local Government
City of Brisbane (1)	Local Government
City of Burlingame (1)	Local Government
Christine Selig Associates (1)	Consultant
Contra Costa County Health Department (1)	Local Government, Public Health
Contra Costa Transportation Authority (1)	Transportation Agency
Center for Human Development (1)	CBO
Contra Costa County (2)	Local Government
City of Cotati (1)	Local Government
Construction Trades Workforce Initiative (2)	Organized Labor Representatives
City of East Palo Alto (2)	Local Government
Emerald Cities Collaborative (2)	Roundtable Member
City of Fremont (1)	Local Government
Greenlining Institute (1)	Roundtable Member
City of Hayward (2)	Local Government
City of Healdsburg (1)	Local Government
Latino Service Providers (1)	CBO
Marin County (1)	Local government
Marin County Bicycle Coalition (1)	Bike/ped Advocacy Organization
MCE (1)	CCA

Marin Climate & Energy Partnership (1)	Local Government
Metropolitan Transportation Commission (3)	Transportation Agency
NAACP Sonoma (2)	CBO
City of Napa (1)	Local Government
Napa County (1)	Local Government
Northern California Land Trust (2)	Non-profit Affordable Housing Developer, CBO
City of Oakland (3)	Local Government
City of Oakley (1)	Local Government
Peninsula Clean Energy (1)	CCA
City of Petaluma (1)	Local Government
PG&E (1)	Utility
City of Piedmont (2)	Local Government
City of Pinole (1)	Local Government
City of Pittsburg (2)	Local Government
Rebuilding Together East Bay Network (1)	Non-profit Organization that conducts building retrofits
City of Redwood City (1)	Local Government
Richmond Community Foundation (1)	CBO
Rising Sun Center for Opportunity (1)	Workforce Training Organization, CBO
RMI (1)	Subject Matter Expert
City of Rohnert Park (1)	Local Government
San Mateo C/CAG (2)	Local Government
City of Santa Rosa (4)	Local Government
City and County of San Francisco (4)	Local Government
San Francisco Municipal Transportation Authority (1)	Transportation Agency
San Mateo County (1)	Local Government
Seamless Bay Area (1)	Non-profit Organization
Solano County (3)	Local Government
Sonoma County (1)	Local Government
Sonoma RCPA (2)	Local Government
StopWaste (3)	Local Government
Transportation Authority of Marin (1)	Transportation Agency
TransForm (1)	Roundtable Member
City of Walnut Creek (3)	Local Government
City of Windsor (1)	Local Government

Table 9. Working Sessions

Working Session (Date)	Topics covered
Background Webinar (October 17, 2023, virtual)	• Provide overview of the CPRG program and NOFO. • Establish background knowledge of BARCAP process to date. • Present process and timeline for developing PCAP measures.
Working Session 1 (October 27, 2023, virtual)	• Establish a common understanding of existing programs, gaps and opportunities, and key agencies. • Discuss common vision for necessary changes so that frontline communities have clean and healthy homes and convenient and safe mobility. • Obtain feedback on draft design principles to guide measure development.
Working Session 2 (November 8, 2023, virtual)	• Agree upon key elements of each measure and how to best focus it, including the geographic locations. • Begin to define potential coalitions.
Working Session 3 (November 30, 2023, hybrid)	• Share finalized design principles (incorporating feedback from Roundtable). • Review and refine initial measure descriptions and geographic locations. • Continue to discuss coalitions.
Working Session 4 (December 13, 2023, virtual)	• Discuss final measure details and answer outstanding questions on measure language. • Share feedback from the Roundtable. • Discuss key implementation questions and share the process moving forward to develop funding proposals. • Celebrate work together.

Agendas and slide presentations for each of the Working Sessions are located on the BARCAP web page (https://www.baaqmd.gov/plans-and-climate/climate-protection/bay-area-regional-climate-action-planning-initiative).

Outputs from the four Working Sessions included:

- Final Design Principles to guide PCAP measure development
- Detailed draft language for PCAP measures
- List of identified interested partners for implementation funding proposals
- Landscape analysis of existing relevant efforts in the region, including gaps and opportunities

Public Workshop

The Air District held a public workshop in November 2023 for attendees to learn about the BARCAP effort and provide input on draft PCAP measure concepts in an interactive format. The workshop occurred virtually in the early evening to facilitate participation by working stakeholders who could not attend during daytime hours. The agenda, slides, and recording of the workshop are available on the

BARCAP web page (https://www.baaqmd.gov/plans-and-climate/climate-protection/bay-area-regional-climate-action-planning-initiative).

Attendees included:

- local government staff
- housing developers
- building energy and transportation experts and NGOs
- environmental advocacy organizations
- the Port of Oakland
- interested individuals.

Feedback from the public workshop was incorporated into the Working Sessions described above.

Online Resources

The Air District developed a webpage[3] on its agency website to share information about the BARCAP planning effort and post recordings and materials from meetings, including the background webinar, public workshop and Working Sessions. An email listserv was created that interested stakeholders and members of the public can subscribe to for updated information on the BARCAP effort.

Direct Email

In addition to the email distribution list, the Air District provided an email account (climate@baaqmd.gov) as another avenue for the public to send comments and suggestions on the PCAP.

Design Principles

The Air District and AWG partners, with input from Roundtable and Working Session participants, developed a set of design principles to guide/influence development of the PCAP measures. They will continue to be used to identify and develop measures for the CCAP. The following text is the design principles document that was refined and finalized through the Working Sessions and shared below in its entirety.

Full Design Principles Text

This document outlines design principles that will guide measure development for the Priority Climate Action Plan through the Bay Area Regional Climate Action Planning (BARCAP) Initiative, funded through USEPA's Climate Pollution Reduction Grant program. They have been developed with input from the Advisory Work Group, Working Session participants, and the Roundtable.

What are Design Principles?

Design principles are a common set of guiding values to guide important decisions during measure development. They serve as guideposts to keep teams on the same path and identify values that unify collaborators around what is most important.[1]

Each design principle should focus on one value and articulate it clearly in short and easily

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[3] https://www.baaqmd.gov/plans-and-climate/climate-protection/bay-area-regional-climate-action-planning-initiative

understandable language to avoid multiple interpretations. A list of design principles should be a manageable length, not containing too many, and avoid containing conflicting principles.[2] If potentially conflicting ones are both important in different contexts, then clarify the contexts in which one may be more important than the other.

How Will the Design Principles Be Used in Measure Development?

The EPA's primary goal for plans and implementation funding applications submitted to the Climate Pollution Reduction Grant program is reductions of greenhouse gases. However, there are many ways to achieve that goal within each of the measure focus areas (residential building electrification and transportation mode shift). The design principles helped guide measure development to ensure the final measures are consistent with the common values reflected in the relevant principles. The design principles will be referred to at key decision points and will help resolve conflicting perspectives.

List of EPA Criteria for the Implementation Grant Opportunity[3] (in order of potential points)

- **Significant GHG reductions**: Achieve substantial GHG reductions over the short-term (by 2030) as well as enable deep reductions long-term (by 2050) (60 pts in EPA's Notice of Funding Opportunity (NOFO) scoring criteria).
- **Community benefits and community-based design:** Implementation benefits low-income and disadvantaged communities, as defined by EPA, and contains a process for being informed by community (35 pts).[4]
- **Replicable and innovative**: Can be pilots in specific geographies if regionally replicable and scalable (15 pts for transformative impact).
- **Funding gap**: Fills a need unmet by existing funding sources (10 pts).
- **Jobs**: Creates lasting high-quality, family-sustaining jobs (5 pts).
- **Regional**: Best at regional scale (vs. local or state) with participation from multiple jurisdictions.
- **Implementable in short-term:** Implementable within a 5-year timeframe (2024-2029) (e.g., funding expended by October 1, 2029).

Working List of Design Principles for Measure Development That Complement the EPA Criteria (in alphabetical order)

- **Climate equity**: Measures must provide direct, meaningful, desired, and assured benefits to frontline communities, with a particular focus on Black, Indigenous, and People of Color (BIPOC) communities. There is no one-size-fits-all solution, and what works for one community may not work for another community. No community's well-being is sacrificed for another community. Some initiatives include creating seedbed opportunities for communities that have been left out.
- **Cooperative**: Builds upon and integrates existing efforts to expand impact, rather than introduce duplication, including the California Energy Commission's Equitable Building Decarbonization Install Program.
- **Coordinated**: Building cooperation and peer working relationships among local government and community-based organizations that builds community capacity and empowers community leadership within and across counties.[5]

- **Funding:** Increases access to critical financing and funding mechanisms for frontline communities and other key stakeholders.
- **Genuine affordability and access:** Increases access to housing and transportation, especially for frontline communities. Reduces, or at least does not increase, housing/transportation/energy costs and considers options to expand access and affordability. Defines affordability as deeply affordable to low-income people. Improves affordability programs to increase eligibility and enrollment.
- **Health & safety**: Improves living conditions (indoor and outdoor air quality, traffic safety, and pedestrian safety), especially in frontline communities.
- **Housing and community stability:** Supports people, especially renters and low-income homeowners, be housed and remain in their homes by increasing healthy, resilient housing with affordable electricity and accessible transportation options.
- **Jobs:** Creates lasting, high-quality, family-sustaining high-road jobs and other pathways to economic sovereignty in frontline communities. Implementing just transition must include tangible programs, including training to highroad jobs programs, not just a principle of creating jobs. Opening up sustainable jobs for minority, women, and people of color contractors and workers. Incorporating the needs of labor and the working class to build a transition that meets all people's basic needs. Ensure trackable economic benefits including lasting, high-quality, family-sustaining high-roads jobs; training and high-road job pathways; cost savings; contracting opportunities; and/or asset building opportunities for frontline communities. Support opportunities for community economic resilience building, when feasible and relevant (e.g., community land trusts; local, cooperatively owned businesses, etc.).
- **Resilience:** Builds resilience, especially for frontline communities, through changing climate conditions in the near and long term.
- **Strategic:** Uses one-time funding transformatively. Create programs that integrate transportation options with housing, schools, and communities. Considers both short- and long-term impact, and where possible implements short term impact that leads to long term transformation.

Commitment to Equity and GHG Reductions

Equitable decarbonization policies provide comprehensive investments and holistic upgrades to improve housing and transportation quality, health, and resilience and reduce climate emissions for populations facing the greatest disparities. These issues are central to climate justice, a movement that works to ensure everyone has affordable housing and access to affordable transportation that promotes health, well-being, stability and safety, by working to end historical and ongoing harms and disparities caused by structural racism and other systems of oppression.

We do not see a tension or conflict between reducing GHG emissions and addressing health equity and housing justice, but instead view advancing all together as an effective approach for working to end the climate crisis and its consequences. Thus, integrating equity in building and transportation decarbonization provides an opportunity to address long-standing inequities in the built environment born from racist and discriminatory policies, avoid perpetuating patterns of harm, improve the lives of those most impacted, and meet the climate emergency with the urgency and intensity it demands.

Bios of Roundtable Members

Aminah Luqman, Greenlining Institute
Aminah Luqman (she/her/hers) is the Oakland Program Manager for Capacity Building at the Greenlining Institute. In her role, she supports local stakeholders to advance community-driven, equitable climate solutions. Prior to joining The Greenlining Institute, Aminah worked at Shared Value Media as the Community Partnership Manager for the California COVID-19 Workplace Outreach Project (CWOP). As the Community Partnership Manager, she worked with community-based organizations in the Bay Area, Sacramento and Los Angeles regions to reach workers who were disproportionately affected by the COVID-19 pandemic about their rights in the workplace. She was also the Census 2020 Program Manager at United Way Bay Area, where she worked in coalition with 100+ community-based organizations to make the 2020 census more accessible and culturally relevant for "hard-to-count" communities in Alameda, Contra Costa, San Francisco, San Mateo, Santa Clara, Solano and Marin counties. Prior to moving back to Oakland to work at United Way Bay Area, Aminah lived and worked in Colombia for two years as a Fulbright grantee.

Antonio Diaz, PODER
Antonio Díaz is the Organizational Director for People Organizing to Demand Environmental and Economic Justice (PODER). He was raised along the Texas – México borderlands and has been engaged in the movement for environmental and economic justice since the early 1990's. Antonio moved to the Bay Area in 1995 and has been organizing with PODER since then. He is currently on the steering committees of San Francisco Rising and Bay Rising, and is the Chair of the Board of Directors of the California Environmental Justice Alliance. Recently, he served on San Francisco's Zero Emission Building Taskforce Executive Steering Committee to work with the City to develop a roadmap to transition away from fossil fuels in San Francisco buildings in a manner that is equitable. He also served on the San Francisco Climate Action Community Climate Council to support community engagement on the Climate Action Plan update and the Environmental Justice Working Group to develop an environmental justice framework to be incorporated into the City's General Plan, as required by SB 1000. He is currently on the Buildings Operations Task Force convened by San Francisco Environment to implement the building operations component of the Climate Action Plan.

Zack Deutsch-Gross, TransForm
Zack leads TransForm's policy and advocacy, applying a climate and equity framework to tackle housing, transportation, and land use issues in the Bay Area. Zack spent a decade in community organizing, centering BIPOC and low-income communities, winning intersectional campaigns for housing justice, transit funding, a just transition from fossil fuels, and healthy neighborhoods. At San Francisco Transit Riders, Zack built a coalition of labor, equity, disability, environmental and community groups to fight and win victories—preventing fare increases, saving vital transit lines from being cut, and securing new funding for transit, walking and biking. Expertise: community engagement, coalition-building, policy evaluation, politics, leadership development, cross-issue campaigns.

Megan Leary, Emerald Cities

Megan Leary is the Community Engagement and Policy Manager for Emerald Cities Collaborative, Northern California chapter where she facilitates community engagement efforts and equitable policy implementation initiatives. This includes participation in a variety of community-initiated tables and efforts to increase inclusive and equitable access for building electrification projects, collaboration with stakeholders across the nine San Francisco Bay Area counties on green building projects and community resilience-building efforts. She previously worked with the Alameda County Public Works Agency and Honolulu's Office of Climate Change, Sustainability and Resiliency in developing community-first climate policies and economically inclusive programming. She holds a B.A. in Environmental Studies from Oberlin College, and a Master of Science in Global Environment, Politics and Society from the University of Edinburgh.