



CALIFORNIA
AIR RESOURCES BOARD

**Community Air Protection Program Blueprint 2.0
and
Informational Update on Community Air
Protection Incentives Guidelines**

October 26, 2023

Today's Presentation

- Program Foundation
- Outreach, and Engagement
- Reimagining the Community Air Protection Program through Blueprint 2.0
 - Part One: Vision, Mission, Guiding Principles, Goals and Actions
 - Part Two: Implementation Guidance
 - Selected Communities
 - Consistently Nominated Communities
- CAP Incentives Guidelines - Informational Update
- The Next Five Years

Foundational Statutes for Blueprint 2.0 Implementation Guidance

What is the Blueprint?

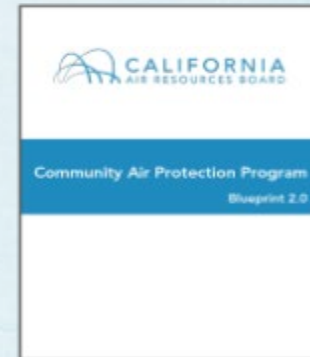


AB 617 (2017)

AB 197 (2016)

AB 1749 (2022)

Statutes



Blueprint 2.0

Statewide Strategy
& Implementation
Guidance

Elements of the Program

Required by law

CARB's discretion



Community emissions reduction programs



Accelerated retrofit of pollution controls on industrial facilities



Community-level air quality monitoring



Enhanced emissions reporting and permit transparency



Grants for community groups
(Local CERPs)



Community-focused enforcement



Increased access to CAP incentives

Foundation: People's Blueprint

- Equity-centered approach to pursue just implementation of the Community Air Protection Program
- Root BP 2.0 in environmental justice (EJ)
- Highlight lessons learned from a community-based and EJ perspective
- Key Themes and Concepts:
 - Operationalize equity and EJ
 - Participatory budgeting
 - Community readiness to engage in the program
 - Building technical capacity
 - Building agency capacity
 - Models of partnership and co-leadership
 - Meaningful engagement
 - Guidance on steering committee membership
 - CSC governance including charters and conflict resolution
 - Tracking results to support effective implementation and accountability

Funding Transparency



- Budget FAQ and Table of Funding Amounts
- CAP Incentives Dashboard
- Annual Reports from Districts re: Implementation Funds
- Community Air Grant Project Scopes of Work Posted Online

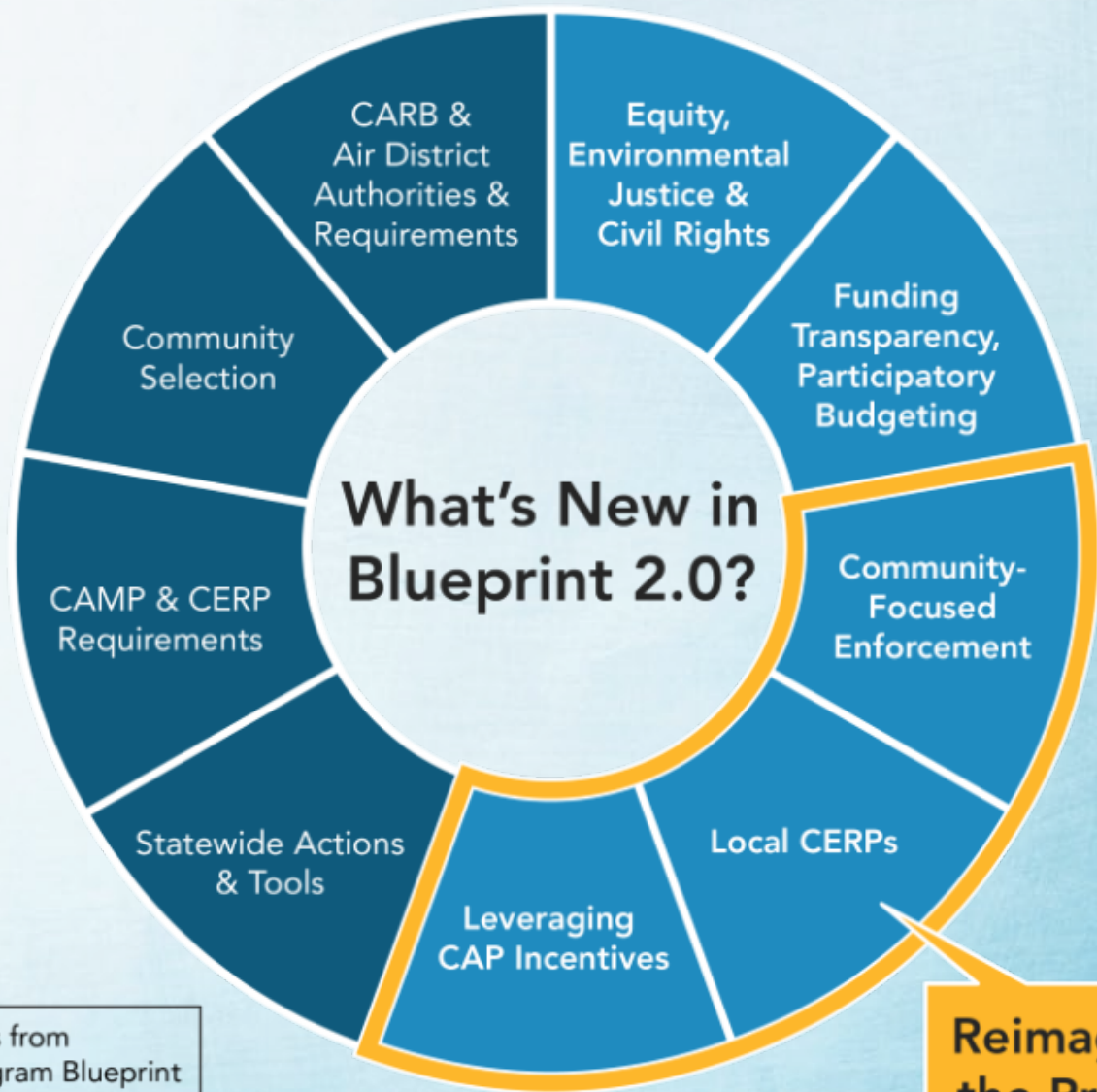
Community Air Protection Program Budget



Funding Category	2022-23	2023-2024	Change
CAP Incentives	\$240 M	\$234 M	-\$6 M
District Implementation	\$50 M \$10 M	\$60 M	
Community Air Grant (CAG) Technical Assistance	\$10 M	\$6 M	-\$4 M
TOTAL	\$310 M	\$300 M	-\$10 M

Budget Act of 2023: [SB 101](#) (Skinner, Chapter 12), [AB 102](#) (Ting, Chapter 38)

Blueprint 2.0

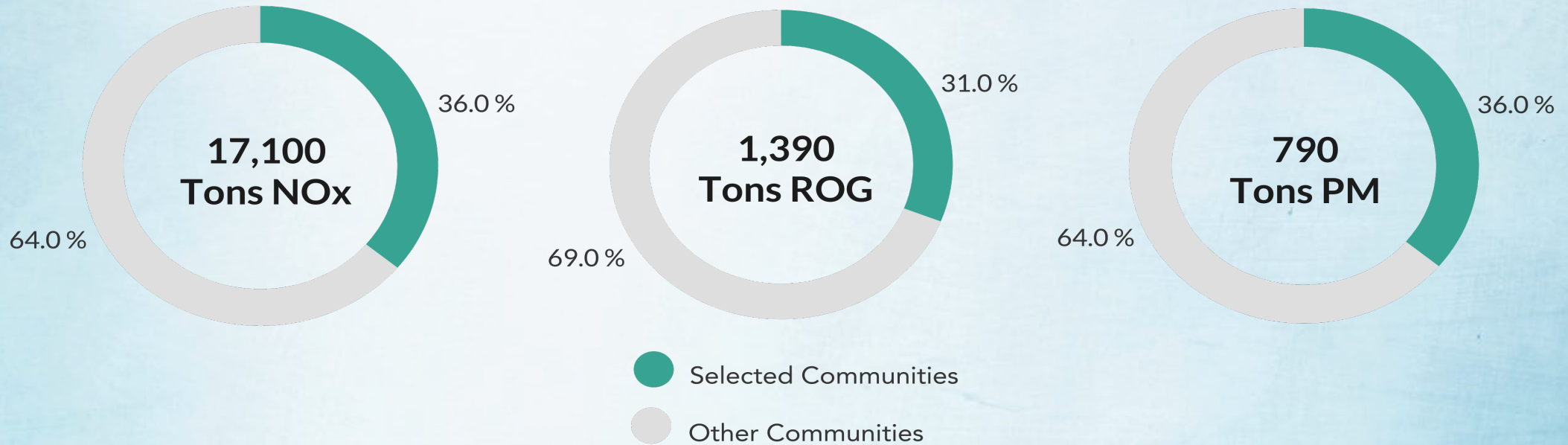
- 1st Program Update
- Required every 5 years
- Reimagine the Program to identify new ways to support more communities



	Continues from 2018 Program Blueprint
	New in Blueprint 2.0

Reimagining the Program

Reducing Emissions in Communities



Additional emission reductions from other related efforts:

- Air District rule development
- Enhanced enforcement and Supplemental Environmental Projects
- Other incentive programs



Progress Highlights



19 Communities

- 1st electric tugboat at Port of San Diego and a pair of all electric cranes
- Joint oil and gas well inspections in Arvin/Lamont and Shafter by Air District, CARB and CalGEM via Methane Task Force
- School bus electrification and paving projects in Imperial
- Truck route studies in all four San Joaquin Valley communities
- Enforcement MOU between West Oakland Environmental Indicators Project and CARB

Consistently Nominated Communities

- Secured US EPA grant to conduct air monitoring in partnership with two communities: Maywood and La Vina
- Upcoming award of Community Air Grants to support L-CERPs
- Partner with San Diego and San Joaquin Valley to support grants to USEPA to address community priorities
- Secured funding to launch a Statewide Mobile Monitoring Initiative



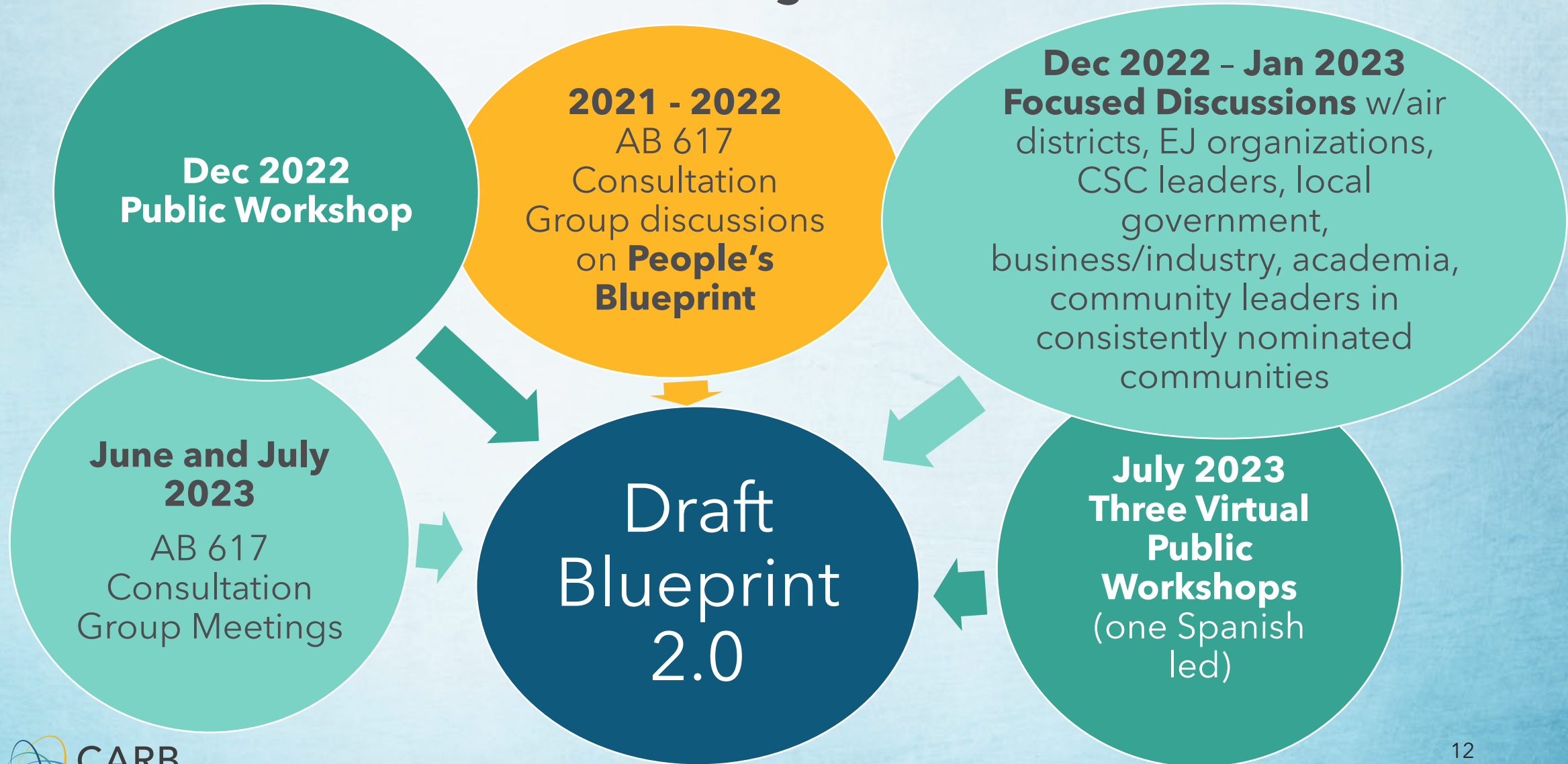
Consistently Nominated Communities

Over the next 5 years, we will focus resources in the consistently nominated communities.

- Community Engagement
- Outreach about CAGs
- Community-focused enforcement
- Increased flexibility for incentives
- Partnering with other agencies



Outreach and Engagement 2021 through 2023



Draft Blueprint 2.0 July 2023 Workshops

All

- Facilitated (Castillo Consulting Partners)
- 3 Community Voices Speakers
- 2 Interactive Breakout Sessions
- Simultaneous Interpretation (English/Spanish)
- Interactive Polls

July 7

- Community Voices: John Hernandez (Imperial Co), Margo Praus, Mary Elizabeth (Stockton), Moses Huerta (Paramount)

July 11

- Community Voices: Cynthia Babich (Del Amo), Martha Dina Arguello (S. Los Angeles), Marisol Cantu (Richmond)

July 18

- Spanish Led
- Community Voices: Lillian Garcia (Salton City), Lujain Al-Saleh (East Oakland), Silvia Calzada (Portside)

Workshop Feedback Highlights

1. Facilitate more knowledge transfer and peer-to-peer learning across CSCs
2. CSCs/CERPs accomplishments
 - On a single platform
 - In format/language for non-air quality experts that helps the community understand emissions of concern
3. Provide community members with more guidance on
 - What L-CERPs are
 - What types of activities can be included, and creating a strong collaboration with local government to develop L-CERPs

Changes to Proposed BP 2.0 Based on Feedback

ADDITIONS

- Work with CAPCOA and air districts to identify key elements of a model civil rights compliance program (pg. 13)
- Commit to operationalize racial equity by using a racial equity lens-- a series of questions to help staff incorporate racial equity into actions and decision making at CARB. (pg. 13)
- Goal 4 - partner with air districts to enhance stationary and mobile source strategies and associated priority actions. (pg. 15)
- Establish an online dashboard to track overall Program and CERP progress, including the status of commitments made in Part One of Blueprint 2.0. (pg. 16)

Changes to Proposed BP 2.0 Based on Feedback

ADDITIONS

- Launch of a CARB statewide mobile monitoring initiative. (pg. 17)
- Conduct a case study to inform how best to develop and refine the Community Air Grant Request for Applications to promote development of L-CERP projects. (pg. 19)
- Added section describing the annual CARB Governing Board item that will cover updates on program progress. (pg. 20)
- Acknowledge that the role of air districts may transition for CERPs that require additional time beyond the initial five years (pg. 96)

What's in Blueprint 2.0?

Part One

5-Year Strategic Plan

- Vision
- Mission
- Guiding Principles
- Goals
- Actions

Part Two – Implementation Guidance

Selected Communities

- Improve process for CERPs and CAMPs in 19 CSCs
- Significantly informed by People's Blueprint

Consistently Nominated Communities

- Highlight consistently nominated communities
- Local CERPs via Community Air Grants
- More flexibility to tap Community Air Protection Incentives
- Community-Focused Enforcement

Part One: Vision, Mission and Guiding Principles

Informed by
People's BP
and CSCs

Vision

Commits To Just Social Change
to address environmental injustices
and advance racial equity

Works Toward A Future

where all Californians
breathe healthy and clean air,
benefit from actions to address climate change,
and race/racism no longer
predicts life outcomes



Mission

Reduce emissions of toxic air
contaminants and criteria air
pollutants in communities
affected by a high
cumulative exposure
burden.

Guiding Principles

- Use an Equity Lens
- Be Transparent and Accountable
- Support Power Sharing

Part One: Goals and Actions

1. Engage and partner in evolving the Program.
2. Center civil rights laws and protections.
3. Apply regulatory authorities to reduce exposures and emissions.
4. Partner with air districts to enhance stationary and mobile source strategies.
5. Ensure completion of community emissions reduction programs.
6. Focus on consistently nominated communities.
7. Use community air grants to build community capacity and local community emissions reduction programs.
8. Make program and air quality information and tools more accessible to communities.

Part Two: Implementation Guidance

How is it Organized?

Program Background



Program Elements

What AB 617 requires



Working Together

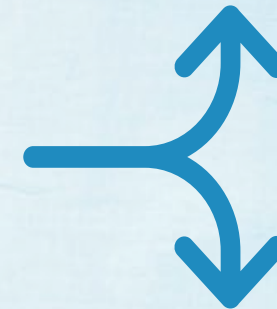
Guidance and partnering to fill in the gaps



Transparency and Accountability

Shining a light on funding, progress and barriers

**19 Community
Steering Committees**



**Two
Implementation
Tracks**

**Consistently Nominated
Communities**

Concurrent Implementation Tracks

19 Community Steering Committees

- Ensure completion of CERPs
- CERP approval by Executive Officer
- Support frequent exchange across CSCs
- Program evaluation



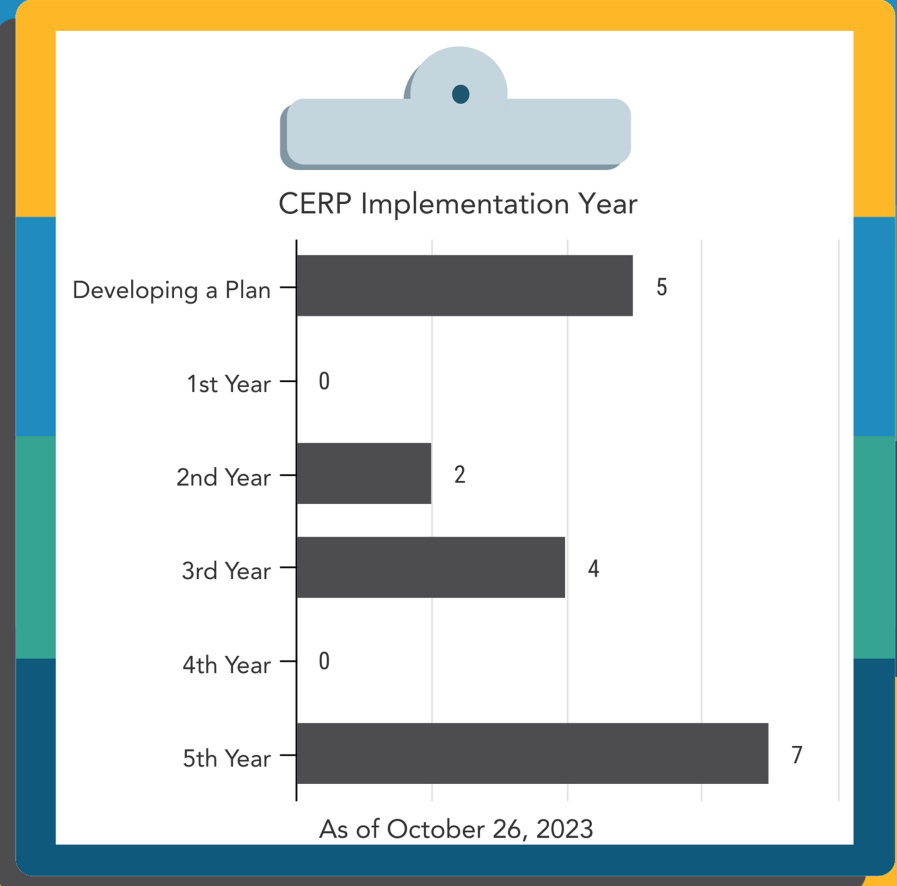
Consistently Nominated Communities

- Engagement with consistently nominated communities
- Three pathways:
 1. Community Air Grants
 2. Community Focused Enforcement
 3. CAP Incentives



CERP Communities Status

Year Selected	CAMP and CERP	CAMP	CERP
2018	<ul style="list-style-type: none"> Calexico, El Centro, Heber East Los Angeles, Boyle Heights, West Commerce San Bernardino, Muscoy Shafter South Central Fresno Wilmington, West Long Beach, Carson 	<ul style="list-style-type: none"> Richmond South Sacramento Florin Portside Environmental Justice Communities 	<ul style="list-style-type: none"> West Oakland
2019	<p>CAMP and CERP</p> <ul style="list-style-type: none"> Eastern Coachella Valley South East Los Angeles Stockton 	<p>CERP</p> <ul style="list-style-type: none"> Portside Environmental Justice Communities 	
2021	<p>CAMP and CERP</p> <ul style="list-style-type: none"> Arvin, Lamont South Los Angeles 	<p>CERP</p> <ul style="list-style-type: none"> Richmond, North Richmond, San Pablo 	
2022	<p>CAMP and CERP</p> <ul style="list-style-type: none"> International Border Communities 	<p>CERP</p> <ul style="list-style-type: none"> East Oakland 	
2023	<p>CAMP and CERP</p> <ul style="list-style-type: none"> North Imperial Phase 1 Community 	<p>CERP</p> <ul style="list-style-type: none"> Bayview Hunters Point/ Southeast San Francisco 	



Community Emission Reduction Programs

- Support the 18 communities that have committed to develop and implement a CERP
 - Ensure completion of CERPs
 - CERP approval by EO with public process
 - Peer exchange
 - Program evaluation
 - Governance
 - Tracking and accountability
- Support the 19th community in moving from a CAMP to a CERP

CSC Governance

How to Structure a CSC

Community-centered

Skilled Facilitation

Co-developed charter

Accessible

Charter Elements - What's New?

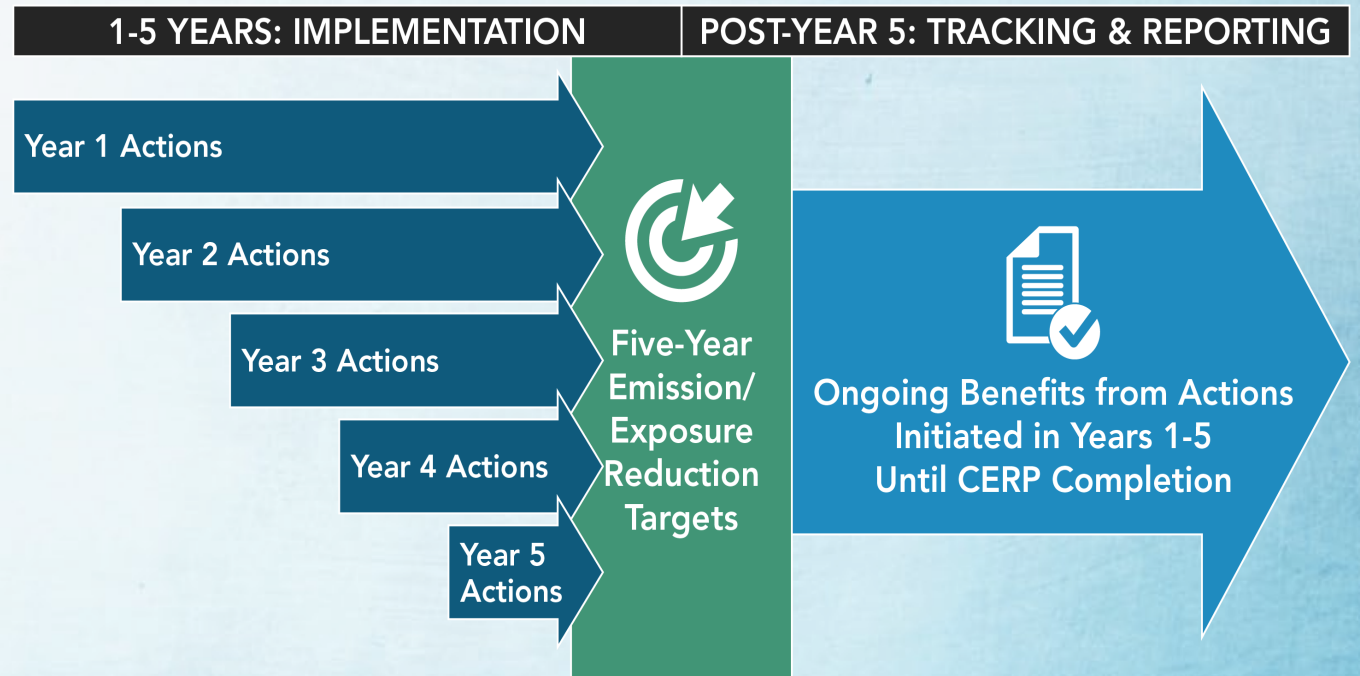
- Eligibility, recruitment, onboarding
- Information distribution
- Decision-making process
- Provisions for dispute resolution
- Conflict of interest/disclosure

Transparency and Accountability Updates to CERP Reporting Requirements

"One of the most powerful mechanisms that can be used by the CSC is development of successful metrics that measure the progress of the AB 617 community."

People's Blueprint

- Clear metrics and targets for each action in a CERP
- Streamlined and accessible annual reporting
- Report until all CERP actions are complete
- Fifth Year Annual Report



Two Concurrent Implementation Tracks

19 Community Steering Committees

- Ensure completion of CERPs
- CERP Approval by Executive Officer
- Support frequent exchange across CSCs
- Program Evaluation



Consistently Nominated Communities

- Engagement with these communities
- Three pathways:
 1. Community Air Grants
 2. Community Focused Enforcement
 3. CAP Incentives



Part Two: New Implementation Pathways

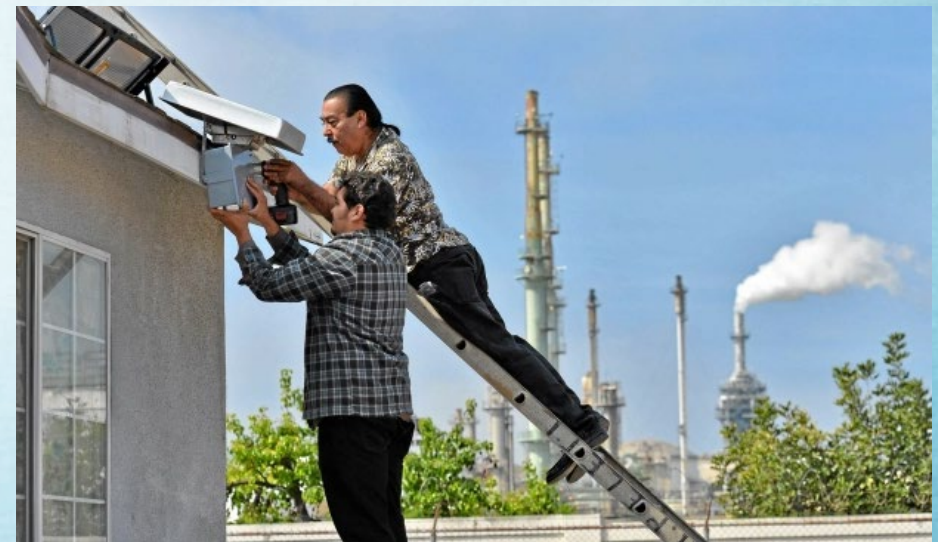
Reimagining the Program
To Serve More Communities:

1. Use Community Air Grants to support Local Community Emission Reduction Plans
2. Community-Focused Enforcement
3. Increased flexibility for use of CAP Incentives.



Community Air Grants - New Project Type

- Purpose: Technical assistance funding to community based non-profit organizations and California Native American Tribes
- A new CAG project type - Local CERP - will support grant recipients in prioritizing air quality concerns
- Learn from current examples/projects
- Public process in 2024 to refine the next cycle of CAG Request for Applications and provide requirements



CERP vs. L-CERP

	Community Emissions Reduction Program (CERP)	Local Community Emissions Reduction Plan (L-CERP)
CARB Board Approved?	Yes	No
Defined by:	AB 617 Blueprint 2.0, Part 2	Community Air Grant Request for Application (RFA)
Funding to Develop	Air District Implementation funds (~\$1M - \$3M annually per CSC)	Competitive Community Air Grant (CAG) funds (\$300K max per grant award)
Role of CARB	<ul style="list-style-type: none"> Participate in CSC Review and approve CERP actions Implement CARB actions, as appropriate 	<ul style="list-style-type: none"> Develop CAG RFA through public process Administer CAG grant Technical assistance via staff liaison support Participate as invited Implement CARB actions, as appropriate
Role of Air District	<ul style="list-style-type: none"> Convene the CSC Co-lead CSC Co-develop CERP Review and approve CERP Implement CERP actions 	<ul style="list-style-type: none"> May provide letters of support as requested and appropriate As resources allow, participate as invited Implement actions as authorities and resources allow (e.g., may use implementation funding)

Community-Focused Enforcement

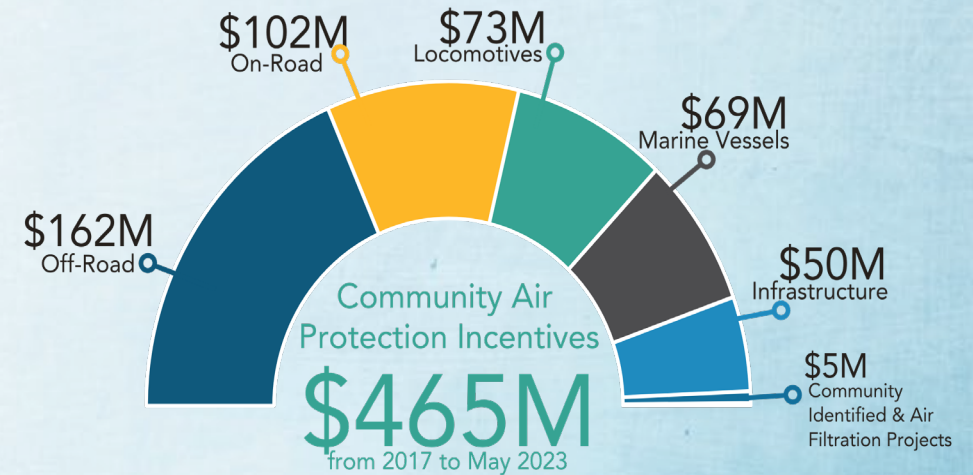
- Partner to understand issues not being addressed
- Concentrate on community-identified areas, some of which we have not traditionally enforced
- Co-develop enforcement plans
- Can be used in:
 - Currently selected communities
 - L-CERP developed by a CAG
 - Other community-led partnership



Community Air Protection Incentives Program Overview

CAP Incentives Project Dashboard

An interactive tool to demonstrate projects funded statewide using Community Air Protection Incentives



\$184 million (or ~40%) in selected communities







CAP Incentives Orientation

An online engagement tool for communities to learn more about Community Air Protection Incentives, what they are and how they work

New and Updated Statewide Incentive Strategies

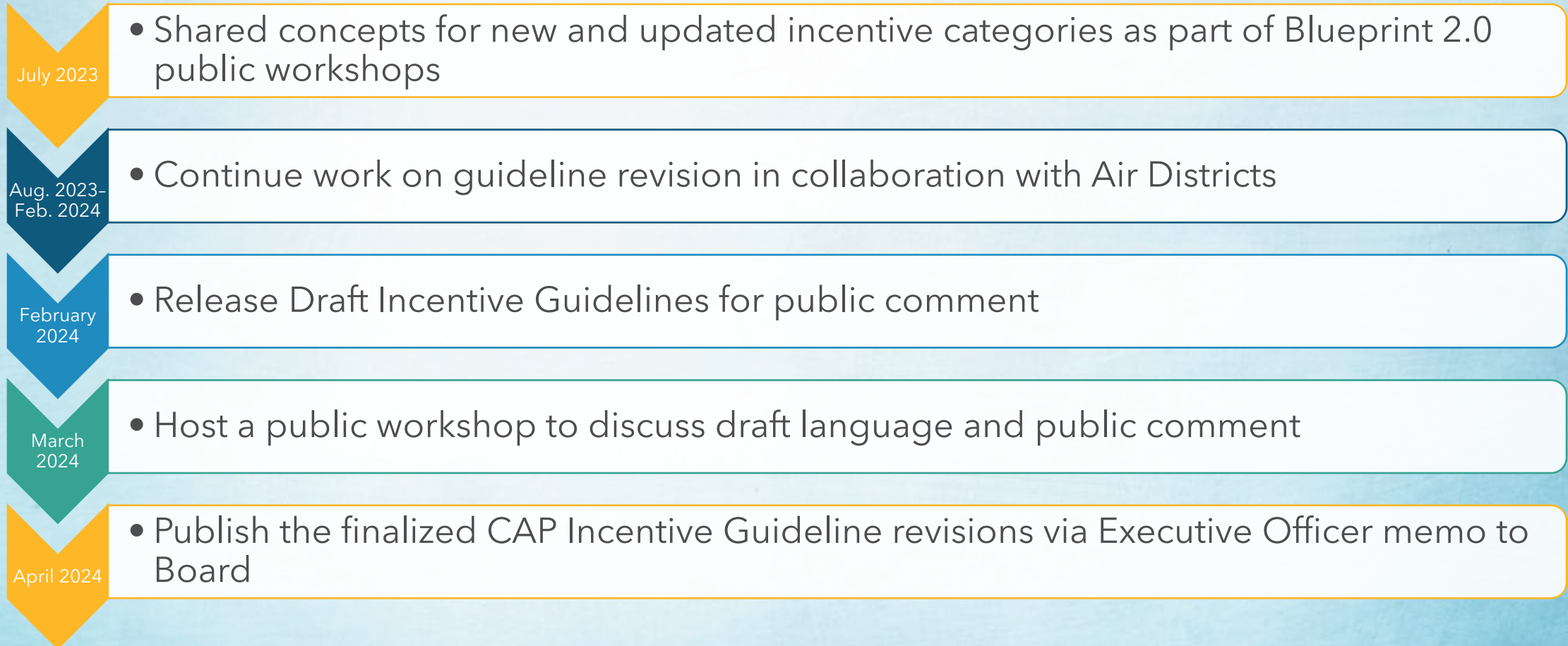
Updated Chapters

-  • Hexavalent Chrome Plating Facilities
-  • Reducing Air Pollution in Schools
-  • Community Identified Projects
-  • Stationary Source Projects

New Chapters

-  • Agency Partnerships
-  • Vegetative Barriers and Urban Greening
-  • Emergency Diesel Generator Replacement
-  • Paving, Sidewalk, and Bike Path Projects
-  • Dial-A-Ride Vehicle Replacement
-  • *Alternatives to Agricultural Burning*
-  • *Low Dust Nut Harvesting*

Revised Incentives Guidelines Timeline



The Next Five Years for Community Air Protection

- Reduce disparities in air pollution for California's overburdened communities
- Build on progress to date and learn from evaluation
- Center civil rights, equity and environmental justice
- Complete CERPs for selected communities
- Expand Program benefits to support Consistently Nominated Communities
- Increase transparency and accountability


Tools to Support Communities

- ✓ What is the air quality in my community?
- ✓ What are the emission sources?
- ✓ How can emissions be reduced?
- ✓ How to prioritize emissions reduction actions?
- ✓ How to track progress of the program?

AQview: Community Air Quality Viewer


AQview is a community-focused air quality data portal bringing together government and community-led air monitoring data to a single platform. Our primary goal is make it easier to access, understand, and use air quality data collected from the wide range of monitoring efforts occurring across California.

Features




Air Quality Map & Trends Viewer

Explore the latest hourly PM_{2.5} air quality conditions in your community



Download Tool

Download data from continuous air monitors across the state for your own analyses



Lab Data & Reports

Find laboratory data, reports, and additional data not in our download tool

AQ-View

Community Air Protection Incentives Project Dashboard

What is the process for funding projects?	Where are projects located?	View and download project data.
Since 2017, Community Air Protection (or CAP) incentives have aimed to generate immediate air quality benefits in disadvantaged communities across the state.		
CAP projects through November 2022	Total project funds awarded:	\$433,286,403
	Total Funded Engines/Projects:	3,274
	Total Zero-emission Technology Projects:	897
	Funding in AB617 Communities:	\$171,914,580
	Community Identified Projects/Units:	483
	Percentage of Funds in Priority Populations (per AB1550):	94.5%

Incentives Dashboard

AB 617 Technology Clearinghouse

Start Here: **Background** | **User Guide**

Best Available Control Technology (BACT)	Rules and Regulations	Next Generation Technology	Support
Emissions limits and control technologies for new and modified stationary sources; part of the local air district permit procedures	CARB and local air district rules and regulations that limit emissions from stationary, area, and mobile sources	Technologies that are cleaner than currently required	Training materials and tools that provide additional context
<ul style="list-style-type: none"> BACT Determinations BACT Guidelines 	<ul style="list-style-type: none"> Air District Rules CARB Regulations Air District Rule - History 	<ul style="list-style-type: none"> Emergency Backup Power - Commercial Residential Appliances Residential Backup Power 	<ul style="list-style-type: none"> Ambient Air Quality Standards Designations Training Videos Standard Lists

[Request Next Gen Evaluation](#)


Technology Clearinghouse

Community Emission Inventory

Assembly Bill 617 (C. Garcia, Chapter 36, Statutes of 2017) requires the development of community emission reduction programs (CERP) to reduce emissions and impacts in AB 617 communities. CARB's Community Air Protection Blueprint requires community-scale emission inventories to serve as the foundation to assess current conditions, develop emission reduction strategies, and track progress.

CARB and the Air Districts collaboratively, with input from the community steering committee (CSC), develop community-scale emission inventories to support CERP development. CARB's Community Emission Inventory StoryMaps tool is designed to present and display community-scale emission inventories consistently across the State in a centralized location and serves as a platform to assist in the review of emission inventories between communities, Air Districts, and CARB. The StoryMaps tool provides emission inventory information and data in a user-friendly manner to enable data transparency and accessibility, engage community members and stakeholders in the inventory development process and advance capacity-building goals.

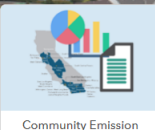
Office of Community Air Protection (OCAP) | CARB's Community Air Protection Blueprint | Community Air Protection Resource Center



StoryMaps and Data Access

Interactive mapping tool to access community emission inventory and data.


Explore



Community Emission Reduction Plan (CERP)

Access to Air District's AB 617 web page, community emission reduction plan, emission...

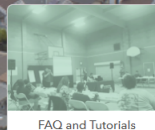
Explore



Community Concerns and Feedback

Concerns and feedback on air pollution in the community.

Explore



FAQ and Tutorials

Frequently asked questions and tutorials about the emission data and StoryMaps.

Explore

Inventory StoryMap

Staff's Recommendation

- Approve Final Draft Blueprint 2.0 and Delegate Authority to the Executive Officer to Approve District-Adopted CERPs
- Certify the Final Environmental Analysis and other CEQA documents



Blueprint 2.0 Board Item Panelists

Marisol Cantu

Member and Co-lead of the Fuel Refining Subcommittee

- Richmond, North Richmond, San Pablo CSC

Belen Lopez

Air Pollution Control Officer

- Imperial County Air Pollution Control District

Domingo Vigil

Deputy Director

- San Diego County Air Pollution Control District

Kimberly McCoy

Climate and Environmental Justice Associate

- Central California Asthma Collaborative

Moses Huerta Community Leader

- City of Paramount Community

Dr. Anissa Heard-Johnson

Deputy Executive Officer
Diversity, Equity, and Inclusion

- South Coast Air Quality Management District