



# **Office of Community Air Protection**

## **Annual Progress Update**

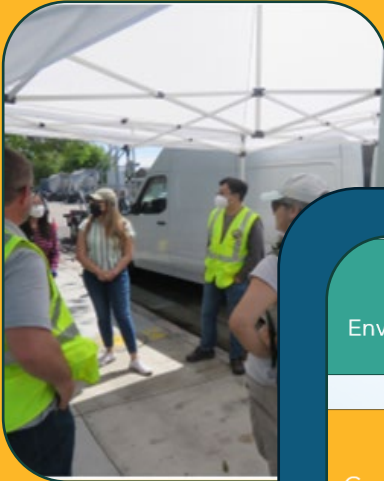
July 25, 2024

# Today's Presentation

Community Air Protection Program Annual  
Progress Report  
July 2024



Annual Progress Report  
Jeremy Herbert



Enforcement Update  
Crystal Reul-Chen

**Maritza Garcia**

Environmental Health Coalition

**Espe Vielma**

Coalition for Environmental and  
Equity Economics

**Philip Fine**

Bay Area Air Quality  
Management District

Partner Panel  
Moderator: Kevin Olp

# Nineteen Community Steering Communities



Seven communities in the fifth year of CERP implementation

Six communities in earlier stages of CERP implementation

Two CERPs adopted by local air districts in 2024

Three communities actively developing CERPs

One community to transition to develop a CERP

# Air District Implementation Funding FY 20-21 Total Expenditures of \$50M

## Six Air Districts with CSCs (\$49M)



## 25 Other Air Districts (\$1M)

- Support local efforts in impacted communities for green waste disposal
- Deployment of sensors
- Woodsmoke reduction

# Community Emission Reduction Program Highlights



## Bay Area AQMD

### West Oakland

- I-580 truck ban study
- Environmental Justice Element adoption



## Imperial County APCD

### Calexico, El Centro, Heber

- Ground breaking ceremony
- Indoor air filtration
- Greening/vegetative barriers



## San Diego APCD

### Portside EJ Neighborhoods

- Land use buffers
- Dedicated truck routes
- MOU between Port and CalTrans



## South Coast AQMD

### East Los Angeles, Boyle Heights, West Commerce

- Truck Loaner Program
- Truck idling inspections
- Diesel PM monitoring in community-identified locations

### San Bernardino, Muscoy

- No idling signs
- MOU development with railyards
- Truck incentives outreach using license plate data



### Wilmington, Carson, West Long Beach



- Refinery Flaring Rule
- Refinery leak detection
- Truck incentives outreach

# Community Emission Reduction Program Highlights



## San Joaquin Valley APCD

### South Central Fresno

- Greening/vegetative barrier partnerships
- Residential air purifiers
- Truck reroute study

### Shafter

- Statewide pesticide notification
- Mitigating residential wood burning



### Stockton

- Sustainable transportation progress
- Healthy Air Living schools and anti-idling efforts
- EV charging and alternative fueling stations

### Arvin/Lamont

- Paving improvements
- Bilingual materials foster trust
- Oil/gas facility monitoring



## South Coast AQMD

### Eastern Coachella Valley

- Paving projects plans
- Pesticide monitoring
- Residential air filtration



### Southeast Los Angeles

- Truck Loaner Program
- Green Spaces Project
- Addressing rail yard impacts



### South Los Angeles

- Oil/Gas production wells action
- Monitoring diesel truck idling



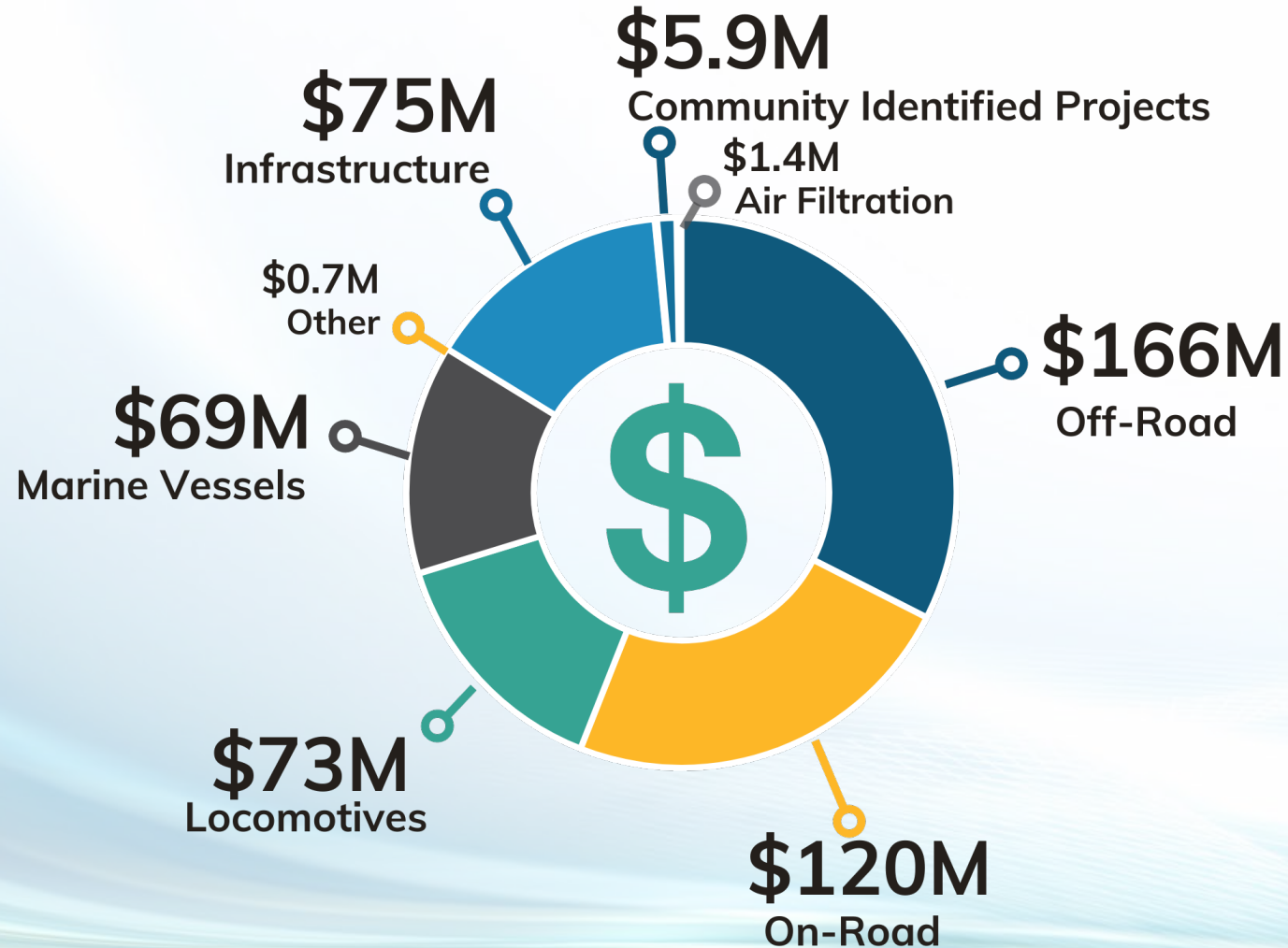
# Voices from San Diego Portside, Imperial Valley Corridor, and Stockton CAPP Leaders



YouTube: <https://youtu.be/1PEEfpv3Hd8>


# Statewide Benefits From Incentive Investments

## \$511M Invested Statewide from 2017-2023





# Community Air Protection Incentive Benefits




**\$122M**  
Incentives Expended

**4,571**  
Tons NOx

**304**  
Tons ROG

**153**  
Tons PM

- Hydrogen refueling stations
- Cargo Handling Equipment




**\$30M**  
Incentives Expended

**718**  
Tons NOx

**75**  
Tons ROG

**27**  
Tons PM

- Marine vessels
- Zero-emissions electric tugboat




**\$1.5M**  
Incentives Expended

**1**  
Tons NOx

**<1**  
Tons ROG

**<1**  
Tons PM

- Electric school buses
- Charging infrastructure
- Paving projects




**\$139M**  
Incentives Expended

**5,955**  
Tons NOx

**620**  
Tons ROG

**373**  
Tons PM

- Urban greening and vegetative barriers
- Residential air filtration units




**\$24M**  
Incentives Expended

**81**  
Tons NOx

**8**  
Tons ROG

**1**  
Tons PM

- Zero-emission school buses
- Lawn and Garden
- Infrastructure



**\$166M**  
Incentives Expended

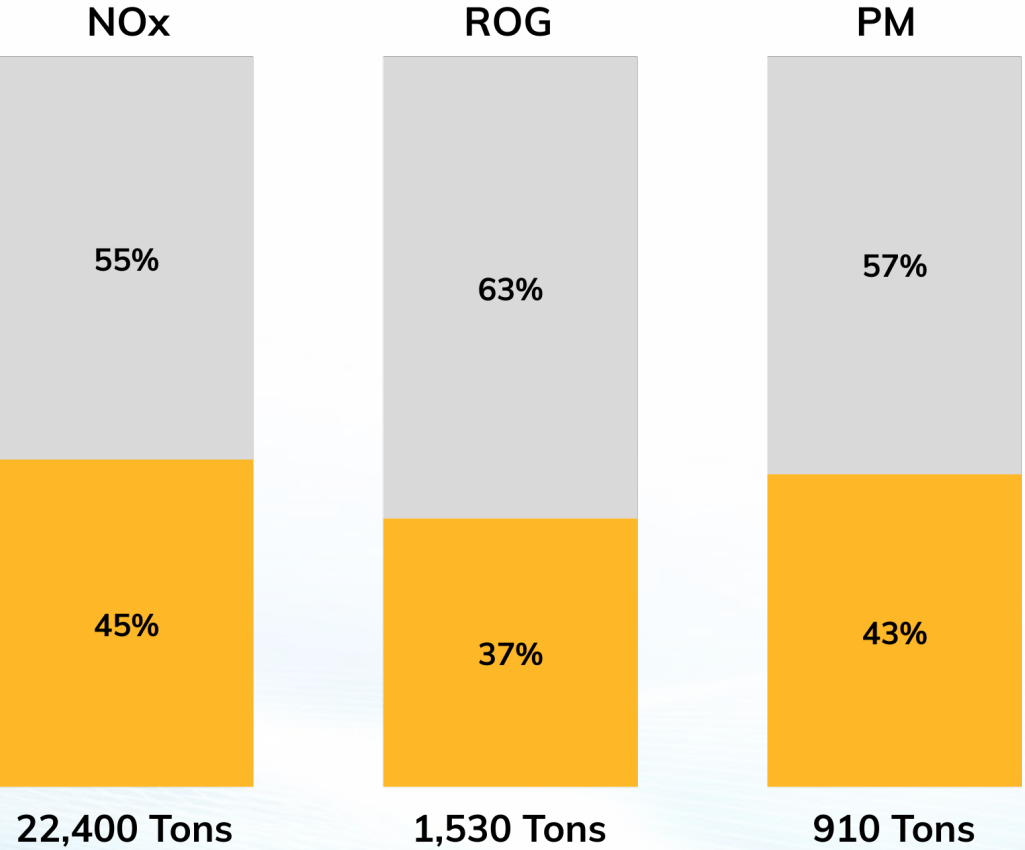
**10,732**  
Tons NOx

**478**  
Tons ROG

**335**  
Tons PM

- Locomotives
- Marine vessels
- Off-road cargo-handling equipment

# Estimates of Emissions Reductions



● AB 617 Communities    ● Other Priority Populations

# Community Air Grantee Highlights

## Cycle 3

39 projects in the implementation stage to wrap up May 2025

## Cycle 4

42 projects totaling \$10M:

- Implementing 2024-2026
- 4 California Native American Tribes
- 18 serve consistently nominated communities
- 8 L-CERPs, 21 technical, 10 educational, and 3 emission reduction strategy expansion



# CARB Rulemaking Actions in CERPs



- ✓ Advanced Clean Fleets
- ✓ Heavy-Duty Inspection and Maintenance

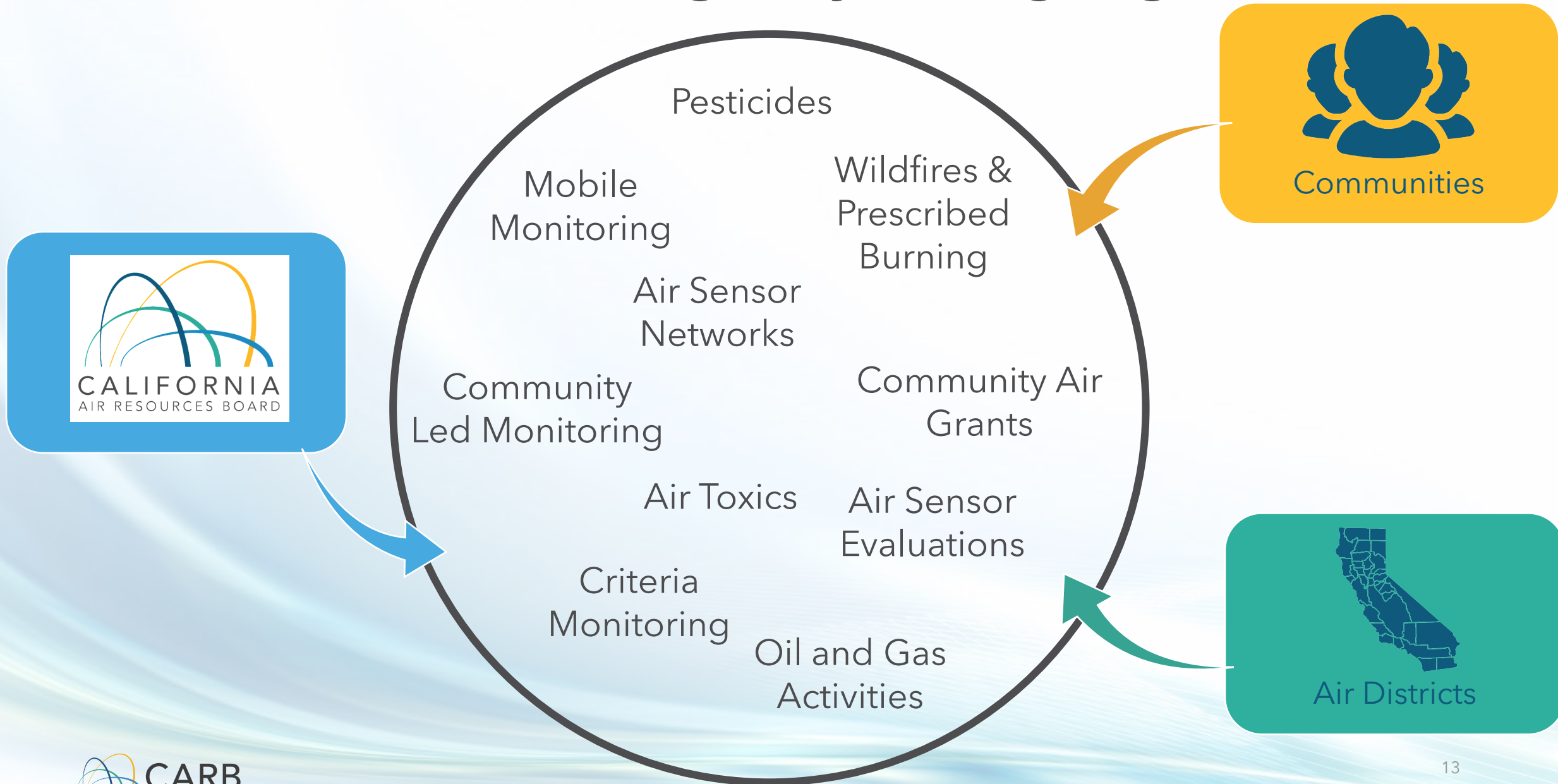


- ✓ Amendments to the Hexavalent Chromium ATCM



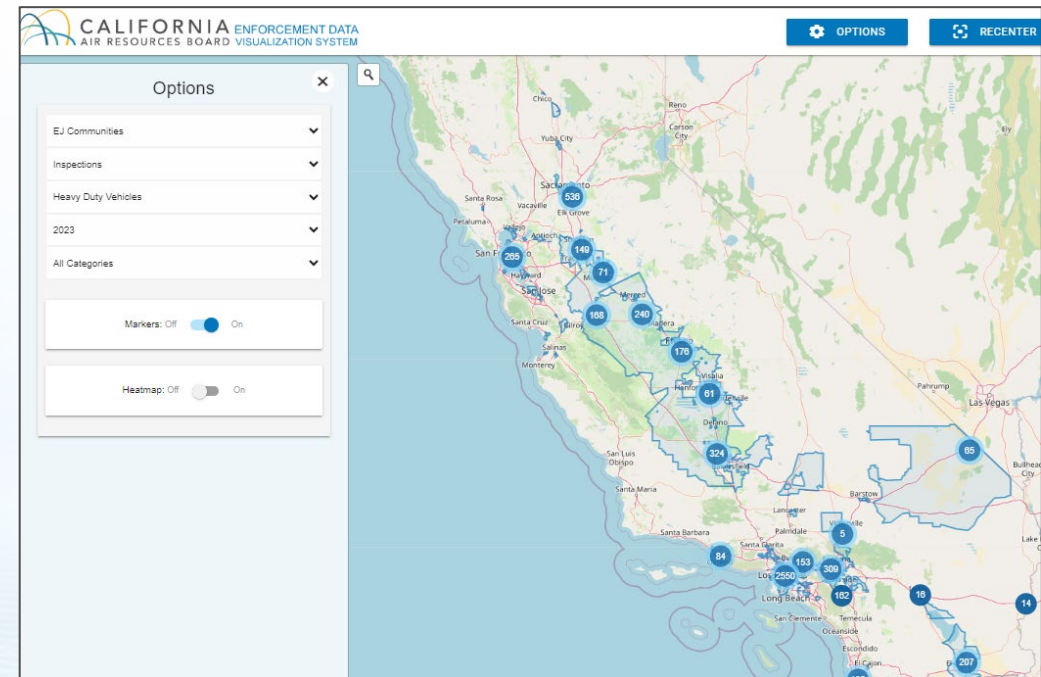
- ✓ Small Off-Road Engine Amendment

# Air Monitoring Project Highlights



# 2023 CARB Enforcement Update: Overburdened Communities Priority

*Community-focused enforcement is one pathway to address community needs*



Enforcement Data Portal: <https://ww2.arb.ca.gov/our-work/programs/enforcement-policy-reports/enforcement-data-portal>

# Community-focused Enforcement Approach

## Collaboration

Working with communities and others on targeted solutions

## Enforcement

Focusing enforcement based on community input

## Outreach

Sharing regulations, contact information, and solutions

# Southeast LA Community

## Collaboration

Catalytic converter  
workgroup  
Community pollution  
enforcement  
workgroup



## Enforcement

Railyard inspections  
Truck idling



## Outreach

Truck Idling factsheet  
Catalytic Converter  
Theft Deterrence  
factsheet





# South Stockton Community

## Collaboration

Dynamic community enforcement plan  
Community-driven co-led problem solving



## Enforcement

Truck inspections near school  
Port inspections



## Outreach

"No Idling" signs  
Student education



# Del Amo Community

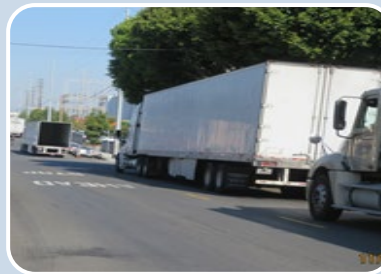
## Collaboration

Del Amo community enforcement workgroup  
Pilot noise study



## Enforcement

Warehouse investigation  
Del Amo alley surveillance



## Outreach

"No Idling" signs SEP  
Truck Idling factsheet



# Arvin-Lamont and Shafter Community Oil and Gas focus

## Collaboration

Community-informed  
inspection, sampling,  
and notification plan



## Enforcement

Cross-agency  
Methane Task Force  
joint inspections



## Outreach

Report back to  
community  
Home air filtration  
SEP



# Community SEP Funding

**Over \$41 million** from **160 enforcement cases** funded **76 projects** in California's underserved communities since 2017

Community health



**Brawley**

Health action  
environmental  
study

Raise awareness



**West Oakland**

Local  
Environmental  
Equity and  
Empowerment  
Project

Reduce pollution



**Sacramento**

Urban wood rescue



# Community-focused Enforcement Next Steps

Expanding



West Oakland  
Environmental Indicators  
Project



Bayview Hunter's Point



More coming soon

Updating



Evaluating and  
enhancing CARB's  
approach



Increasing transparency of  
our work through online  
Storymap



Subscribe  
<https://ww2.arb.ca.gov/our-work/programs/enforcement-policy-reports/enforcement-data-portal>

# Blueprint 2.0 Part One: Goals and Actions Update



Community Air Protection Incentive Program Guidelines Posted

Cycle 4 grantees include eight Local-Community Emissions Reduction Plans



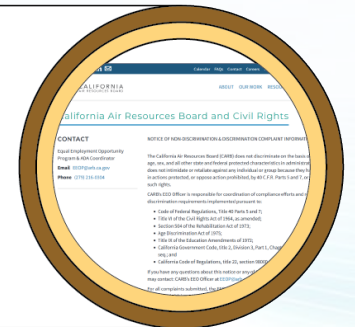
CommunityHub 2.0 Launched

Program Evaluation Contract Executed



Training for OCAP on Community Engagement

Civil Rights Policy Draft will be released soon for public engagement and comment



# Goal 4 - Partner with Air Districts to Enhance Stationary and Mobile Source Strategies

- Reduce emissions from oldest industrial sources near communities contributing to non-attainment
- Implementation due end of 2023 in 18 air districts
- Evaluating rule updates and emissions reductions with CAPCOA

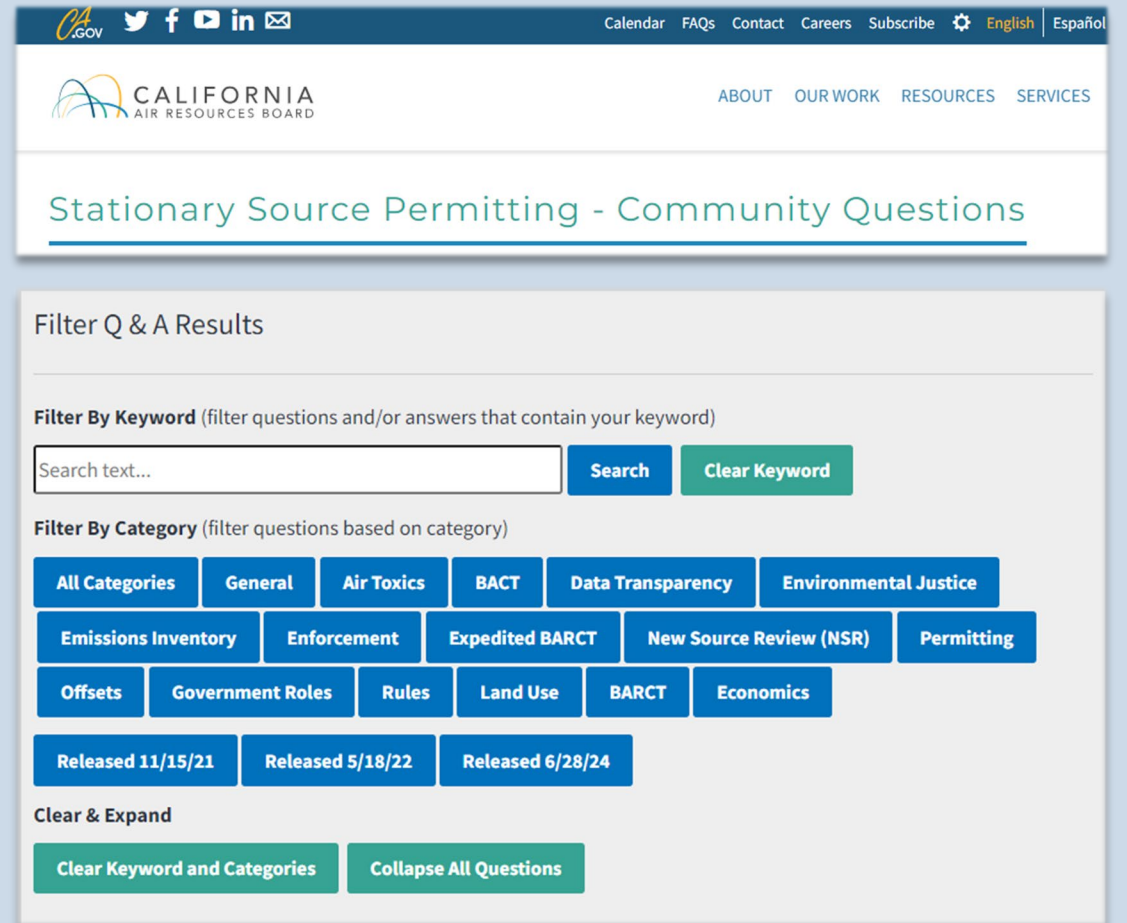
## Expedited BARCT Webpage



Link: <https://ww2.arb.ca.gov/expedited-barct>

# Goal 4 - Partner with Air Districts to Enhance Stationary and Mobile Source Strategies

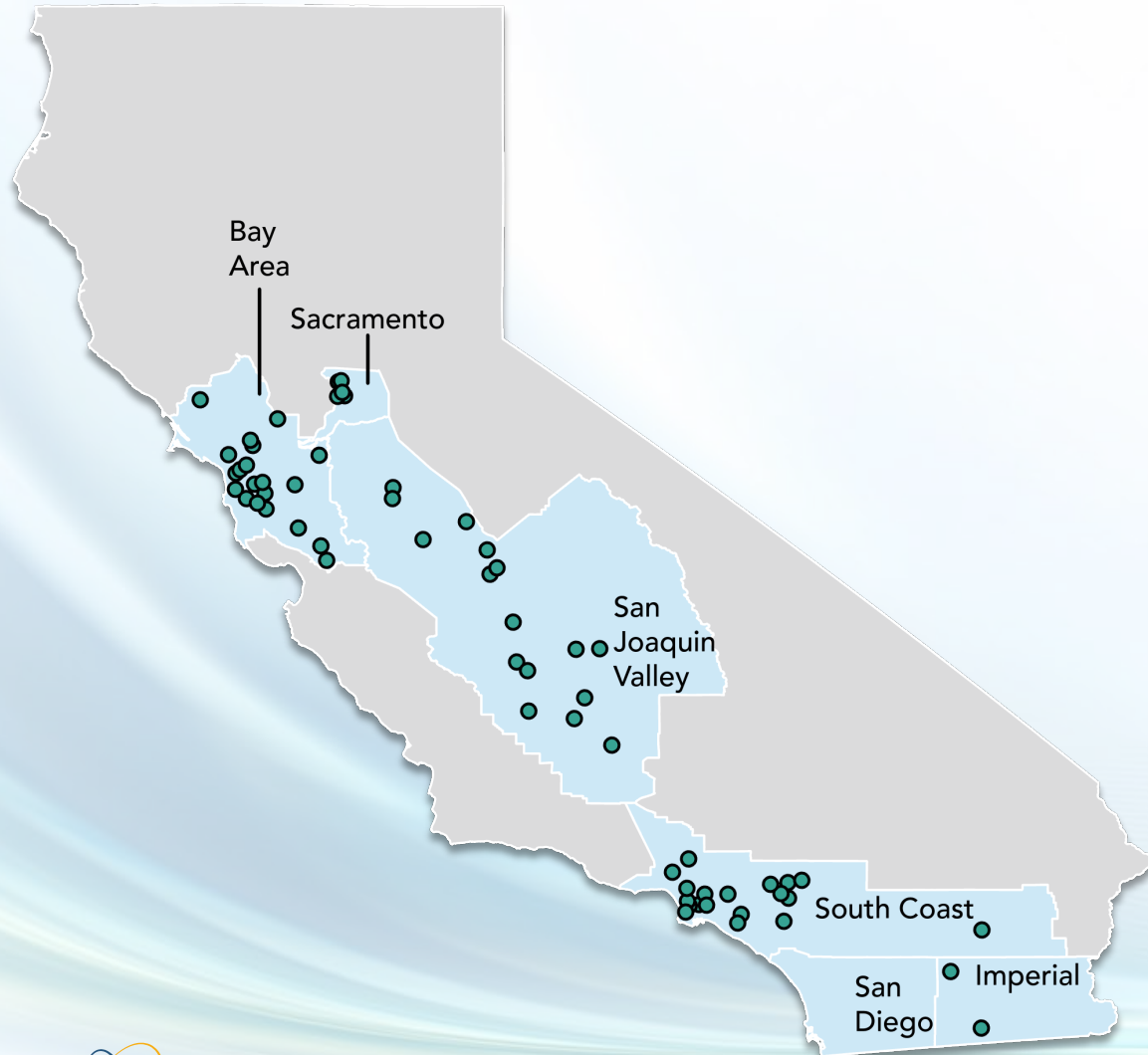
- 160+ questions from environmental justice representatives
- Help public understand stationary source air quality permitting
- Nearly 3-year coordination effort with air districts and CAPCOA



The screenshot shows the California Air Resources Board (CARB) website interface. At the top, there are social media icons and navigation links like 'Calendar', 'FAQs', 'Contact', 'Careers', 'Subscribe', 'English', and 'Español'. The main header features the CARB logo and the text 'CALIFORNIA AIR RESOURCES BOARD'. Below the header, the page title is 'Stationary Source Permitting - Community Questions'. The main content area is titled 'Filter Q & A Results' and includes a search bar with a 'Search' button and a 'Clear Keyword' button. Below the search bar, there are filter buttons for 'Filter By Category' (filter questions based on category) and 'Filter By Keyword' (filter questions and/or answers that contain your keyword). The category filters include: All Categories, General, Air Toxics, BACT, Data Transparency, Environmental Justice, Emissions Inventory, Enforcement, Expedited BARCT, New Source Review (NSR), Permitting, Offsets, Government Roles, Rules, Land Use, BARCT, and Economics. There are also filters for release dates: Released 11/15/21, Released 5/18/22, and Released 6/28/24. At the bottom, there are buttons for 'Clear & Expand', 'Clear Keyword and Categories', and 'Collapse All Questions'.



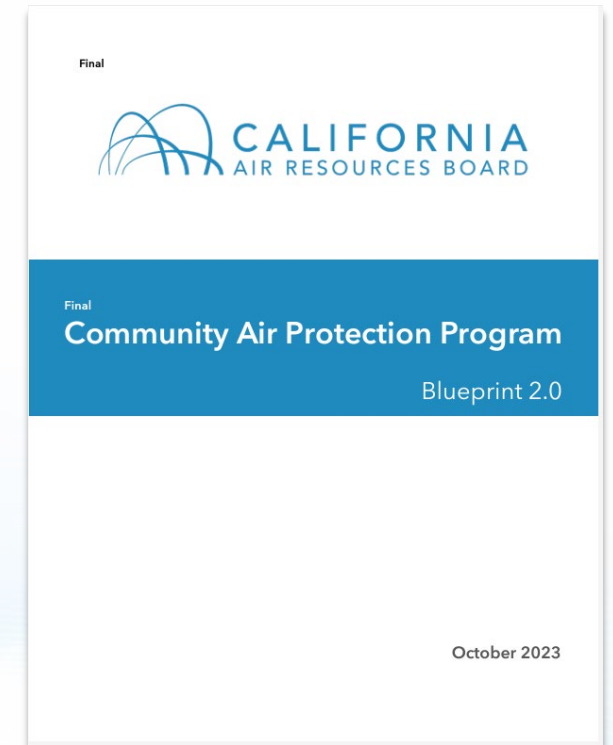
# Goal 6 - Focus on Consistently Nominated Communities



- Community Focused Enforcement
- Increased Access to Incentives
- Community Air Grant Local CERPs
- Statewide Mobile Monitoring Initiative
- Leverage federal resources

# Blueprint 2.0 Priorities for 2024-2025

- Consultation Group Call for Member Applications
- Cycle 5 Community Air Grants
- Launch third-party programmatic evaluation
- Update Civil Rights Policy and Discrimination Complaints Process
- Peer-to-Peer Learning Series
- Implement Statewide Mobile Monitoring Initiative
- Launch enhanced stationary source Technology Clearinghouse



# Panel Discussion

**Maritza Garcia**

Environmental Health Coalition

Portside Environmental Justice Community  
Steering Committee Member

**Espe Vielma**

Coalition for Environmental and  
Equity Economics

Stockton  
Steering Committee Member

**Philip Fine**

Bay Area Air Quality  
Management District

Executive Officer  
Air Pollution Control Officer