



# Community Advisory Council's Compliance and Enforcement Recommendations

Board of Directors

April 1, 2026

Patrick Messac, Community Advisory Council, Co-Chair

Ken Szutu, Community Advisory Council, Councilmember



# Presentation Outline

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- Community Experience
- Why a case study?
- Seven Recommended Actions from Crown Hill Case Study
- Discussion

# Crown Hill Materials: Community Experience



<https://youtu.be/YNLPgLIdeio?si=tccumiN2MhdFaRUs>



A layer of dust on fence line table

# Crown Hill Materials: Why a Case Study?

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## What is a case study?

Following one real issue through complaint, inspection, permitting, and enforcement to see how the system actually works.

## Why Crown Hill Materials?

Five years of visible dust

Dozens of complaints, no confirmed violations

**January 2024:** Community Advisory Council (CAC) elevated fence line concerns

# Case Study Resources

## What followed?

- 25 inspections
- Compliance & Enforcement Ad Hoc Meetings
- 2 community meetings
- Public records request
- **August 2025:** District issues Cease-and-Desist



Community meeting with CHM residents

**Key Takeaway:** With strong District support, the community got relief. The system should not require 20 months to work.

# Community Perspective: Complaint Report

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## Complaint Investigation Report

**Complaint Description:** “Cement Dust is blowing into our house and car. The air is really hard to breathe because of this fine dust. This is really a health issue. I have been **complaining since July 4, 2024**, and they are still mixing and making dust. **I have not received one single written report on the outcome of this problem.**”

**Complaint Status:** “Unconfirmed – Emission was no longer present”

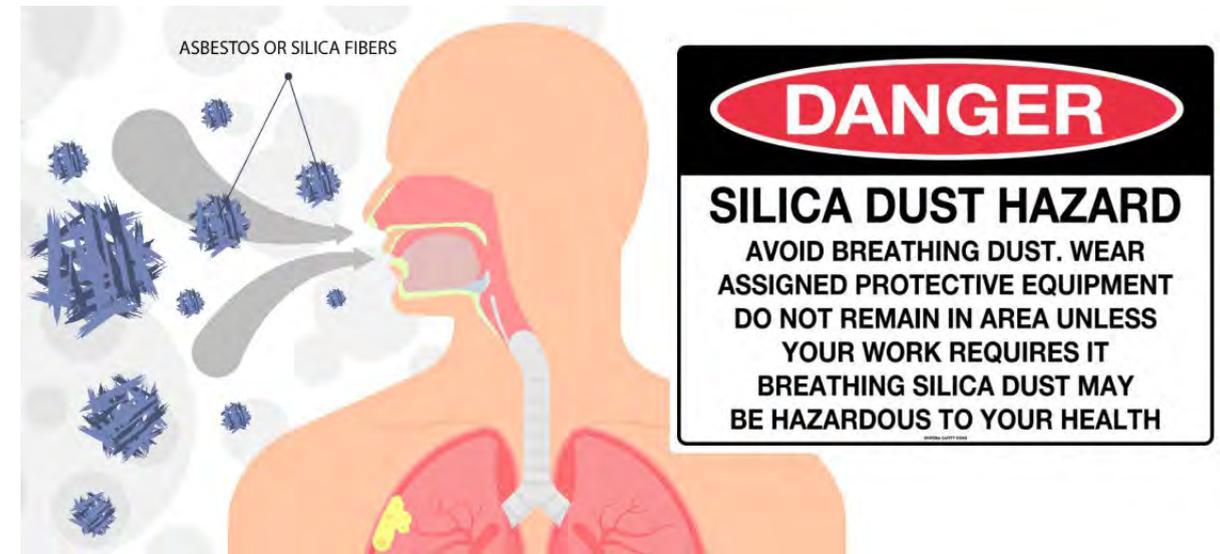
# Complaints without Consequences

## Crown Hill Materials (2024)

23 complaints

0 confirmed

0 Notices of Violation



Health risks associated with silica dust inhalation

District reiterated to Crown Hill Materials personnel the importance of being “a good neighbor”

Dust sampling did not include a health assessment

# Recommendation #1: Customer-Centered Complaint Process

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- Publish complaint logs tied to facilities
- Provide clear summaries to complainants
- Solicit feedback to improve communication

# Enforcement Gap: Rules vs. Results

- **Regulation 6, Rule 1 – Visible Emissions**
- **Regulation 6, Rule 6 – Trackout**
- **Regulation 1-301 – Public Nuisance**

## **Crown Hill Materials (2024)**

**25** Inspections

**0** visible emissions violations

**0** trackout violations

**0** nuisance violations



Illustration of the Ringelmann Scale

## **Inspection Observation (4/2/25)**

"Batch plant not operating. Light dust observed in bad sun position, no dust after moving to good sun position."

# Recommendation #2: Enforceable Rules

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- Analyze rule efficacy and violation trends
- Update rules that rarely produce enforceable outcomes
- Align rule design with field conditions

# Recommendation #3: Modernize Evidence Collection

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- Strategically use monitoring tools where appropriate
- Provide guidance on enforceable documentation
- Modernize digital evidence submission



# Impact over Intention

Regulation 2-1-115 Exemption applies only to facilities with **maximum rated capacity under 15 cubic yards per hour**

- Crown Hill Materials: Application listed: **12 cubic yards/hour**



**DATA FORM G**  
General Air Pollution Source

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**  
375 Beale Street, Suite 600, San Francisco, CA 94105 (415) 749-4990 FAX (415) 749-5030  
www.baaqmd.gov

Form G is for general air pollution sources. Use specific forms when applicable. If this source burns fuel, then also complete Form C.

1. Business Name: Crown Hill Materials LLC Plant No: \_\_\_\_\_ (if unknown, leave blank)

2. SIC No.: 3531 Date of Initial Operation TBD

3. Name or Description: Small Concrete Batch Plant (Weigh Hopper) Source No.: S- 1

4. Make, Model, and Rated Capacity of Equipment: Custom Batch Plant 12 CU YD/HR

5. Process Code<sup>1</sup> 4079 Material Code<sup>2</sup> 4029 Usage Unit<sup>2</sup> CU.YD

6. Total throughput, last 12 mos. 1200 usage units<sup>2</sup> Maximum operating rate: 12 usage units<sup>2</sup> /hr

7. Typical % of total throughput: Dec-Feb 5 % Mar-May 40 % Jun-Aug 45 % Sep-Nov 10 %

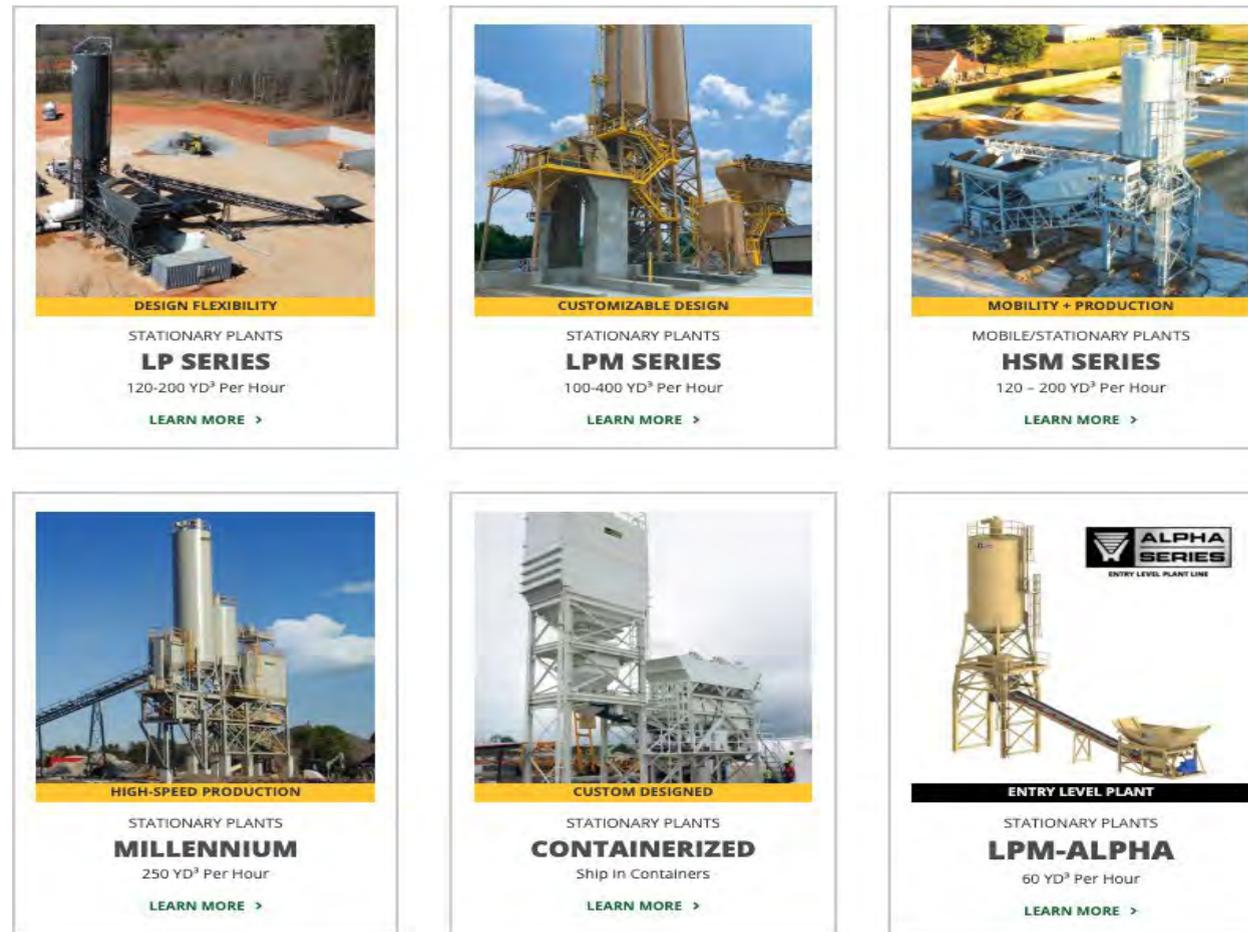
8. Typical operating times: 4 hrs/day 3-4 days/week 36 weeks/year

9. For batch or cyclic processes: 7:00 minutes/cycle 10 minutes between cycles

10. Exhaust gases from source: Wet gas flowrate N/A cfm N/A at N/A °F  
(at maximum operation) Approximate water vapor content N/A volume%

# Impact over Intention (cont.)

- Manufacturer specification indicated: models **>60 cubic yards/hour**



Screenshot from Vince Hagan website

# Recommendation #5: Protective Permitting Safeguards

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- Verify maximum rated production capacity independently
- Evaluate like operations cumulatively when applying exemptions
- Ensure meaningful deterrence for operating without a permit

# Recommendation #6: Strengthen Learning through Case Studies

- Resource CAC case studies as a valuable tool for transparency and system improvement
- Support continued collaboration between CAC and Air District staff
- Apply lesson learning across “One Air District”

# Beyond Crown Hill Materials: Continuous Improvement

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## **Isolated Success**

- Reactive handling
- Resolving a single community concern
- Episodic CAC involvement

VS.

## **Structure Method**

- Formal case study framework
- Improve System Performance
- CAC as structure bridge with District staff & management support

# Recommendation #7: Top Community Concerns Framework

- Identify top recurring air quality concerns by county
- Integrate complaint, inspection, emissions, and health data
- Use findings to guide proactive enforcement priorities

# Community Advisory Council Recommendations in Review

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1. Implement a customer-centered complaint process that provides clear communication, feedback, and closure to complainants.
2. Adopt and implement rules that can be enforced more consistently and effectively.
3. Evaluate opportunities to incorporate modern technology for real-time evidence collection where legally and operationally appropriate.
4. Improve public access to permitting and exemption information for facilities under Air District jurisdiction by publishing facility permits and exemptions online through a community-facing dashboard.

# Community Advisory Council Recommendations in Review (cont.)

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5. Revise permitting regulations to incorporate stronger safeguards for fence-line communities by ensuring that permit and exemption determinations are based on verified equipment capacity data and enforceable operational limits.
6. Partner with overburdened communities to co-develop a “Top Community Concerns” list, by county, that combines community feedback with agency data such as complaints, inspections, emissions, health indicators, and facility operations to identify recurring air quality issues and guide proactive enforcement.

# Community Advisory Council Recommendations in Review (cont.)

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7. Institutionalize the CAC's case-study approach as a structured framework for learning, transparency, and ongoing program improvement across Air District programs, applying it to permitting in 2026.

# Questions & Discussion

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**For more information:**

[communityadvisorycouncil@baaqmd.gov](mailto:communityadvisorycouncil@baaqmd.gov)



# Final Draft Community Emissions Reduction Plan for East Oakland

## Board of Directors Meeting

April 1, 2026

Manuel Oliva, Manager, Planning and Climate Protection

Anna Lee, Manager, Environmental Justice Division



# Recommended Action

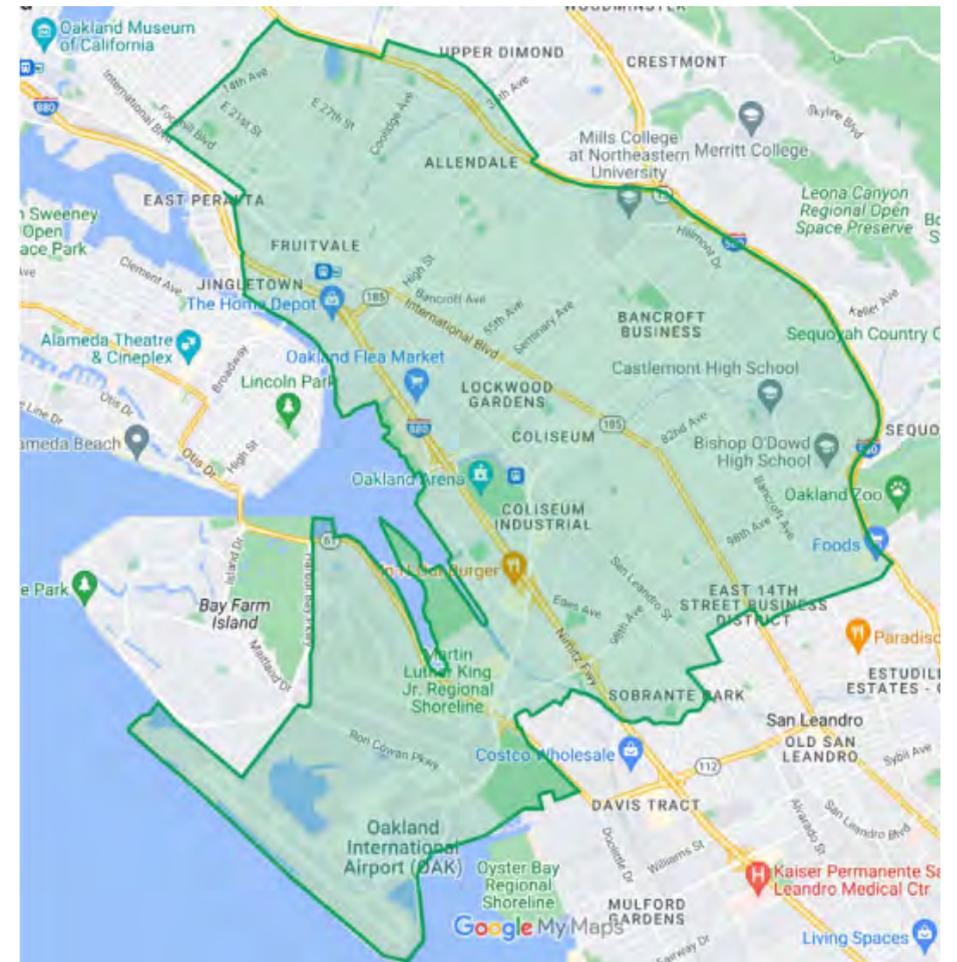
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(i) Adopt the Final Draft Community Emissions Reduction Plan and (ii) approve the determination that adoption of the Final Draft Community Emissions Reduction Plan is exempt from the California Environmental Quality Act.

The Community Equity, Health, and Justice Committee recommended this item at its meeting on March 11, 2026.

# East Oakland Assembly Bill (AB) 617 Community

- Approved for a Community Emissions Reduction Plan (CERP) in February 2022
- Air District and Communities for a Better Environment (CBE) are Co-Leads
- East Oakland Community Steering Committee (CSC) convened in September 2022



AB 617 Planning Area for East Oakland

# East Oakland Community Steering Committee

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- CSC was recruited through an open application process led by Co-Leads and consists of 24 individuals who live or work within the East Oakland CERP project area
- Three Co-Chairs elected by the CSC and five youth members who form an unofficial Youth Committee supported by CBE
- Non-voting representatives from the City of Oakland Planning Department, Alameda County Public Health Department, and Port of Oakland

# CERP Development Process

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- The CSC and Co-Leads actively began working on CERP strategies and actions in September 2024
- The CSC and Co-leads held monthly meetings, follow up office hours, a special topic meeting and work sessions to iterate on the draft strategies and actions
- Surveys helped prioritize issues, evaluate draft strategies and actions, and crowd source the CERP name: “Right to Breathe: East Oakland Community Air Quality Justice Plan”
- In August 2025, the CSC reviewed the preliminary draft CERP and provided comments ahead of the release of the Public Review Draft CERP in November 2025

# East Oakland Community Engagement

- Distributed \$80,000 for community engagement to local Community-Based Organizations (CBOs):  
Community Mapping Project (2023) and Community Organizing Grants (2024)
- Tabled at 20 events in East Oakland to encourage community participation in the CERP process



Community Events in East Oakland

# Final Draft CERP Goals

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## Goal 1

Reduce East Oaklanders' exposure to air pollution by decreasing emissions from sources identified by the community as top concerns

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## Goal 2

Prioritize actions that have the opportunity to reduce disproportionately high health impacts associated with air pollution affecting East Oakland residents to achieve improvements in community health

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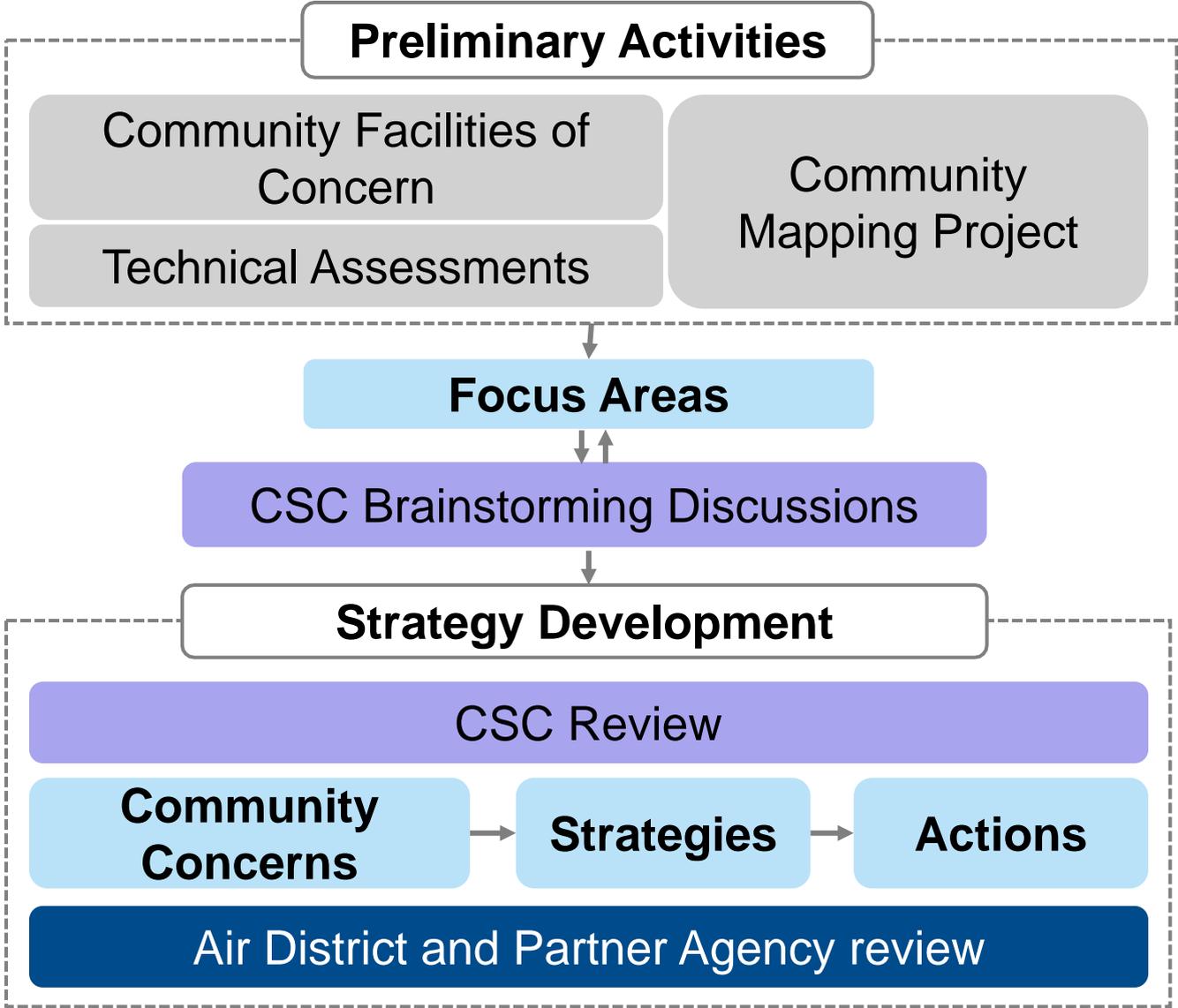
## Goal 3

Empower East Oakland residents to participate in holding polluters accountable by combining their local knowledge with an understanding of emission sources, health impacts, air pollution regulations and reporting mechanisms

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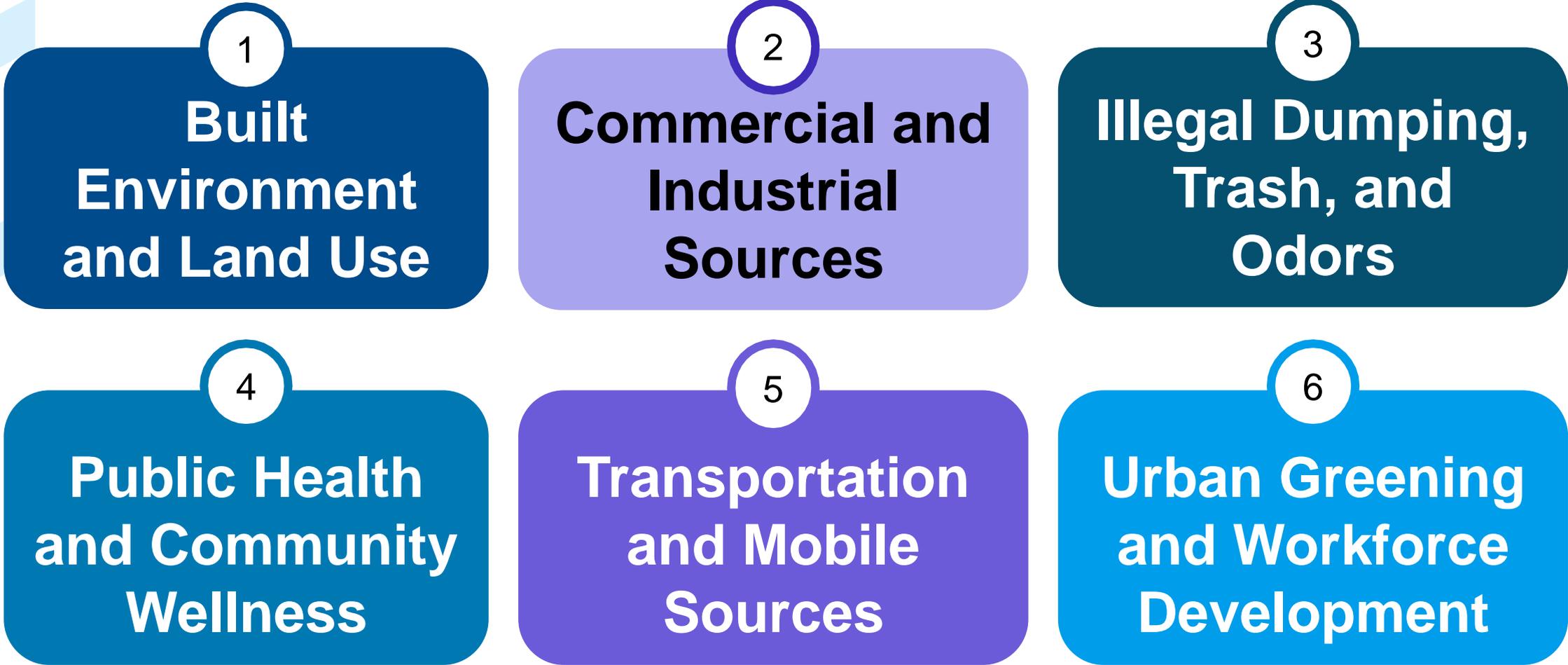
# Final Draft CERP Strategy Development

- Preliminary Activities:**  
 Data gathering and information sharing
- Strategy Development:**  
 Created strategies and actions as a collaboration between the CSC, Air District, and partner agencies



# Final Draft CERP Focus Areas

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# Community Concerns and Action Highlights

## 1 Focus Area: Built Environment and Land Use

### Community Concerns

1. Reducing Air Pollution at Home
2. Vulnerable Populations in Proximity to Pollution Sources and Incompatible Zoning

### Action Highlights

- Air Filtration for East Oakland Homes
- Access to Existing Clean Energy Home Retrofit and Weatherization Programs
- Air Filtration for East Oakland High-Priority Facilities

# Community Concerns and Action Highlights (cont.)

## 2 Focus Area: **Commercial and Industrial Sources**

### **Community Concerns**

1. Particulate Matter (PM) Exposure: Fugitive Dust, Material Handling, and Construction
2. Toxic Emissions & Hazardous Materials
3. Commercial and Smaller Industrial Facilities
4. Accountability of Polluting Industries and Businesses



### **Action Highlights**

- Rule Amendments to Address Fugitive Dust
- Provide Clear and Accessible Air District Permitting Information
- Targeted Inspections to Address Repeat Violators
- Promote the Complaint Program Through a Public Information Campaign

# Community Concerns and Action Highlights (cont.)

## 3 Focus Area: Illegal Dumping, Trash, and Odors

### Community Concerns

1. Unsanitary Conditions, Inequitable Access to Waste Disposal Services, and Lack of Enforcement



### Action Highlights

- Illegal Dumping Prevention Community Outreach
- Driving Local Clean Up and Beautification Activities

# Community Concerns and Action Highlights (cont.)

## 4 Focus Area: Public Health and Community Wellness

### Community Concerns

1. Contributions of Outdoor Air Pollution to Cumulative Health Impacts
2. Protecting Sensitive Populations and Mitigating Pollution Impacts
3. Raising Awareness about Health Impacts of Air Pollution

### Action Highlights

- East Oakland Air Monitoring Project
- Make Air and Emissions Monitoring Data More Accessible
- Improve Air Pollution Awareness

# Community Concerns and Action Highlights (cont.)

## 5 Focus Area: Transportation and Mobile Sources

### Community Concerns

1. Trucks in the Community
2. Interstate-580 Truck Ban
3. Road Dust Near Freeways and High-Volume Roadways
4. Oakland International Airport

### Action Highlights

- Indirect Source Policy Package
- Idling Prevention and Outreach
- Study Impacts of Interstate-580 Truck Ban
- Port Zero-Emissions Plan  
Airport-specific Elements

# Community Concerns and Action Highlights (cont.)

## 6 Focus Area: Urban Greening and Workforce Development

### Community Concerns

1. Lack of Trees, Limited Resources, and a Need for More Green Jobs

### Action Highlights

- Create a Resource to Help Prioritize Installation of Vegetative Buffers
- Urban Greening Funding

# CERP Public Review

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- Public comment on the Public Review Draft CERP began on November 3, 2025, and concluded on December 7, 2025
- A total of 119 additional members of the public commented on behalf of the Stop Oakland Airport Expansion Coalition
- Posted a Response to Comments document and updated the CERP with clarifications, and added new actions and a new metric

# CSC Approval and CEHJ Recommendation

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- On February 5, 2026, the CSC voted to approve the Final Draft CERP with a majority of 14 yes votes and one objection
- On March 11, 2026, the Community Equity, Health, and Justice (CEHJ) Committee unanimously voted to recommend to the Board of Directors that the Board (i) adopt the Final Draft Community Emissions Reduction Plan and (ii) approve the determination that adoption of the Final Draft Community Emissions Reduction Plan is exempt from the California Environmental Quality Act (CEQA)

# CEQA Compliance

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- Legal staff with support from outside counsel determined the Final Draft CERP is exempt from CEQA
- Discussion regarding this determination is included in the Final Draft CERP in *Appendix G: Applicability Analysis for California Environmental Quality Act*

# Recommended Action

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(i) Adopt the Final Draft Community Emissions Reduction Plan and (ii) approve the determination that adoption of the Final Draft Community Emissions Reduction Plan is exempt from the California Environmental Quality Act.

The Community Equity, Health, and Justice Committee recommended this item at its meeting on March 11, 2026.

# CSC Reflections



# Questions & Discussion

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## For more information:

Manuel Oliva | Manager and Climate Protection Division | [moliva@baaqmd.gov](mailto:moliva@baaqmd.gov)

Anna Lee | Manager, Environmental Justice Division | [ailee@baaqmd.gov](mailto:ailee@baaqmd.gov)



# Annual Report, Budget, and Director Appointments for the Bay Area Clean Air Foundation

## Board of Directors Meeting

April 1, 2026

**Minda Berbeco, PhD**  
**Consultant**  
**Bay Area Clean Air Foundation**



# Recommended Action

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- Approve the Foundation Board's adoption of the 2027 Budget; and
- Reappoint Arsenio Mataka and appoint Emi Wang to two-year terms as Directors of the Foundation.

# Foundation Background

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**BAY AREA  
CLEAN AIR  
FOUNDATION**

Created in 2008 to:

- Provide financial, administrative, programmatic, and other forms of support to the Air District; and
- Engage in activities that further such purpose

# 2025 Progress & Updates

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- Off-site Mitigation Funds
  - No expenditures or revenues in 2025
- Reformulated Gas Settlement Fund (RFG)
  - \$1.71 million funds awarded to date
  - Monitoring:
    - Eight projects funded from this cycle

# 2026 Workplan

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- Continue to monitor active projects and award remaining prior year revenue:
  - ~\$257,000 - Shoreline Terminals LLC settlement
- Oversee and administer currently funded projects
- Respond to new requests for Foundation to provide California Environmental Quality Act (CEQA) offsite mitigation support
- Continue to evaluate opportunities for donation and new funding
- Seek out new Board members and funding opportunities

# 2025 Financial Summary

Following is an accounting of the Foundation's operations for the 2025 calendar year:

	Reformulated Gas Funds	Shoreline Terminal	Air District Subsidy	Total
<b>January 1, 2025 Beginning Cash Balance</b>	\$ 671,346.47	\$ 257,161.44	\$ -	\$ 928,507.91
<b>Operating Revenues</b>				
Interest Income	\$ 115.63	\$ 51.46	\$ -	\$ 167.09
Funds Received	\$ -	\$ -	\$ 32,058.67	\$ 32,058.67
<b>Total Revenues</b>	<b>\$ 115.63</b>	<b>\$ 51.46</b>	<b>\$ 32,058.67</b>	<b>\$ 32,225.76</b>
<b>Operating Expenses</b>				
Administrative Overhead/Support		\$ -	\$ 24,179.03	\$ 24,179.03
Reformulated Gas Projects	\$ 438,153.00	\$ -	\$ -	\$ 438,153.00
Tax Filing Services	\$ -	\$ -	\$ 4,900.00	\$ 4,900.00
Insurance	\$ -	\$ -	\$ 1,810.44	\$ 1,810.44
Return of Mission Rock/Giants Funds	\$ 56,941.30	\$ -	\$ 1,169.20	\$ 58,110.50
<b>Total Expenses</b>	<b>\$ 495,094.30</b>	<b>\$ -</b>	<b>\$ 32,058.67</b>	<b>\$ 527,152.97</b>
<b>December 31, 2025 Ending Cash Balance</b>	<b>\$ 176,367.80</b>	<b>\$ 257,212.90</b>	<b>\$ -</b>	<b>\$ 433,580.70</b>

# 2027 Proposed Budget

	<b>Proposed Calendar Year 2027 Budget</b>	
<b>Revenue/Sources</b>		
Interest Income	\$	100
General Fund Subsidy	\$	32,000
Total Revenue	\$	32,100
Transfer from/to Cash Balance	\$	110,000
<b>Total Revenue/Sources</b>	<b>\$</b>	<b>142,100</b>
<b>Expenditure</b>		
Administrative Overhead/Support	\$	25,000
Program/Project Distributions	\$	110,000
Tax Filing Services	\$	5,000
Insurance Premium	\$	2,000
Other Charges	\$	100
<b>Total Expenditures</b>	<b>\$</b>	<b>142,100</b>

# Foundation Officers and Directors 2025 & 2026

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## 2025 Officers

- Dr. Philip M. Fine, President
- Stephanie Osaze, CFO
- Lisa Fasano, Secretary
- Somerset Perry, General Counsel

## 2025 Directors

- Arsenio Mataka
- Regan Patterson, PhD
- Karen Schkolnick

CFO: Chief Financial Officer

## 2026 Officers

- Dr. Philip M. Fine, President
- Stephanie Osaze, CFO
- Lisa Fasano, Secretary
- Somerset Perry, General Counsel

## 2026 Directors

- Arsenio Mataka\*
- Regan Patterson, PhD
- Emi Wang\*

\* Pending appointment by the Bay Area Air District Board as sole member

# Recommended Action

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- Approve the Foundation Board's adoption of the 2027 Budget; and
- Reappoint Arsenio Mataka and appoint Emi Wang to two-year terms as Directors of the Foundation.

# Questions & Discussion

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**For more information:**

Minda Berbeco, PhD | Consultant | [mberbeco@baaqmd.gov](mailto:mberbeco@baaqmd.gov)



# Consideration of State Legislation

Board of Directors

April 1, 2026

Alan Abbs  
Legislative Officer  
Legislative and Government Affairs Division



# Abbreviations

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- Assembly Bill (AB)
- Senate Bill (SB)
- California Air Resources Board (CARB)
- California Energy Commission (CEC)
- California Environmental Quality Act (CEQA)
- California Public Utilities Commission (CPUC)
- South Coast Air Quality Management District (South Coast AQMD)

# Recommended Action

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Adopt positions on pending state legislative bills where appropriate, including, but not limited to the following bills:

As recommended by the Policy, Grants, and Technology Committee at its meeting on March 18, 2026:

<b>SUPPORT</b>	<b>OPPOSE</b>	<b>WATCH*</b>
<b>AB 2313 (Berman)</b>	<b>AB 1791 (Sanchez)</b>	<b>AB 2752 (Ávila Farías)</b>
<b>SB 299 (Cabaldon)</b>	<b>SB 1392 (Cortese)</b>	
<b>SB 954 (Blakespear)</b>		

\*See Air District staff recommendation based on recently amended bill language on next slide.

# Recommended Action (cont.)

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As recommended by Air District staff based on the amended bill language:

**OPPOSE**

**AB 2752 (Ávila Farías)**



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# Bill Position Recommendations

# AB 1791 (Sanchez)

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## **State Air Resources Board: South Coast AQMD: Regulations: Prohibition: Costs**

This bill would prohibit the South Coast AQMD from adopting any regulation or rule that would add more than \$0.02 to the cost of a gallon of gasoline, add \$2,000 or more to the cost to build any home, or add \$5,000 or more to the cost to build a nonresidential building. The bill would require the South Coast AQMD to submit data to the relevant policy committees of the Legislature that demonstrates how a proposed regulation is compliant with this prohibition.

Committee Recommendation: Oppose

# AB 2313 (Berman)

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## **Gas Corporations: Gas Distribution Service Line Replacements: Alternatives**

This bill, the Home Energy Choice Act, would require the CPUC in a new or existing proceeding, to require each gas corporation to offer a Gas Distribution Service Line Replacement Alternatives Program, on or before January 1, 2028, to provide gas customers served by a gas distribution service line, planned or forecasted for replacement over the next 5 years, or prioritized for replacement by the commission, with a monetary incentive to deploy gas distribution service line replacement alternatives, as defined, and cease gas service to avoid the gas distribution service line replacement, as specified.

Committee Recommendation: Support

# AB 2752 (Ávila Farías)

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## **Bay Area Air Quality Management District and South Coast Air Quality Management District: Policies: Oil Refineries**

This bill would require the Bay Area Air District and the South Coast AQMD to analyze all of their policies that have been adopted and all future policies that they are considering adopting that impact oil refineries located in their districts and determine the cost of compliance, potential cost to consumers, impacts on state and local tax revenue, and refinery employment.

Committee Recommendation: Watch

Staff Note: This bill was amended after the Committee met on March 18, 2026.

Staff Recommendation: Oppose

# SB 299 (Cabaldon)

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## **CEQA: Exemption: Day Care Center: Family Daycare Home: Zoning**

This bill would provide that an exemption from CEQA applies to a day care center on a parcel of land zoned exclusively for residential use. This is another bill seeking to fix problems with SB 131 (Committee on Budget and Fiscal Review, Chapter 24, Statutes of 2025) – a budget trailer bill from 2025 – which provided a CEQA exemption for day care centers proposed on a parcel of land zoned as industrial, which ultimately made it easier to zone day care centers in industrial areas rather than residential areas.

Committee Recommendation: Support

# SB 954 (Blakespear)

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## **CEQA : Advanced Manufacturing Facilities: Exemption**

This bill amends SB 131 (Committee on Budget and Fiscal Review, Chapter 24, Statutes of 2025) – a budget trailer bill from 2025 – that provided broad CEQA exemptions for “advanced manufacturing facilities” which ended up including a long list of industrial activities.

Committee Recommendation: Support

# SB 1392 (Cortese)

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## **Smog Check: Exemption: Collector Motor Vehicles**

This bill would redefine “collector motor vehicle” in state law and further exempt a collector motor vehicle manufactured before the 1981 model year from the requirement to pass biennial smog check. The bill would extend the applicability of this exemption by one model year each year, beginning on and after January 1, 2028, until the final extension takes effect on and after January 1, 2032, that would exempt a collector motor vehicle manufactured before the 1986 model year from the requirement to obtain the certificate of compliance or noncompliance.

**Committee Recommendation: Oppose**



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# Additional Bill(s) for Discussion

# SB 1075 (Reyes)

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**Air Resources: Toxic Air Contaminants: Criteria Air Pollutants:  
Community Emissions Reduction Programs: Local Community Emissions  
Reduction Plans**

This bill was introduced as a spot bill on February 13, 2026, and was amended on March 25, 2026, to include substantive language.

Air District staff will provide a verbal update and summary of this bill.

# Recap: Recommended Action

Adopt positions on pending state legislative bills where appropriate, including, but not limited to the following bills:

As recommended by the Policy, Grants, and Technology Committee at its meeting on March 18, 2026:

<b>SUPPORT</b>	<b>OPPOSE</b>	<b>WATCH*</b>
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# Recap: Recommended Action (cont.)

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As recommended by Air District staff based on the amended bill language:

<b>OPPOSE</b>
<b>AB 2752 (Ávila Farías)</b>

# Questions & Discussion

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**For more information:**

Alan Abbs | Legislative Officer | [aabbs@baaqmd.gov](mailto:aabbs@baaqmd.gov)



# Update on Bay Area Regional Climate Action Plan

Board of Directors Meeting

April 1, 2026

**Jamesine Rogers Gibson**  
Senior Advanced Projects Advisor  
Planning and Climate Protection Division



# Bay Area Regional Climate Action Plan (BARCAP) Overview



- Bay Area's first regional climate action plan
- Consistent with commitments in the Air District Strategic Plan Strategy 1.7, New Climate Solutions
- Funded in part by United States Environmental Protection Agency (US EPA)

# Goals of the BARCAP



## **GOAL 1**

Reduce Bay Area's contributions to climate change to help achieve carbon neutrality by 2045

## **GOAL 2**

Create a healthier breathing environment and provide benefits to frontline communities

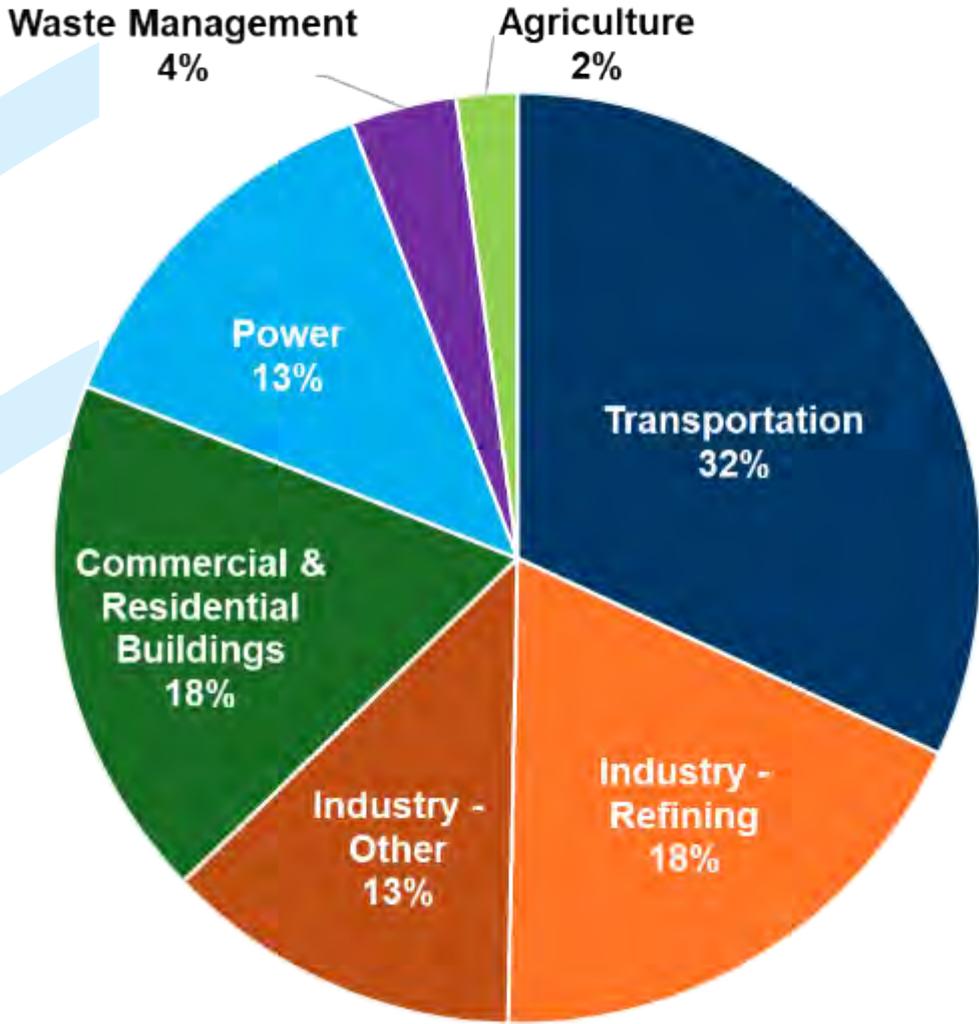
## **GOAL 3**

Take regional action to complement and build upon State and local climate action plans

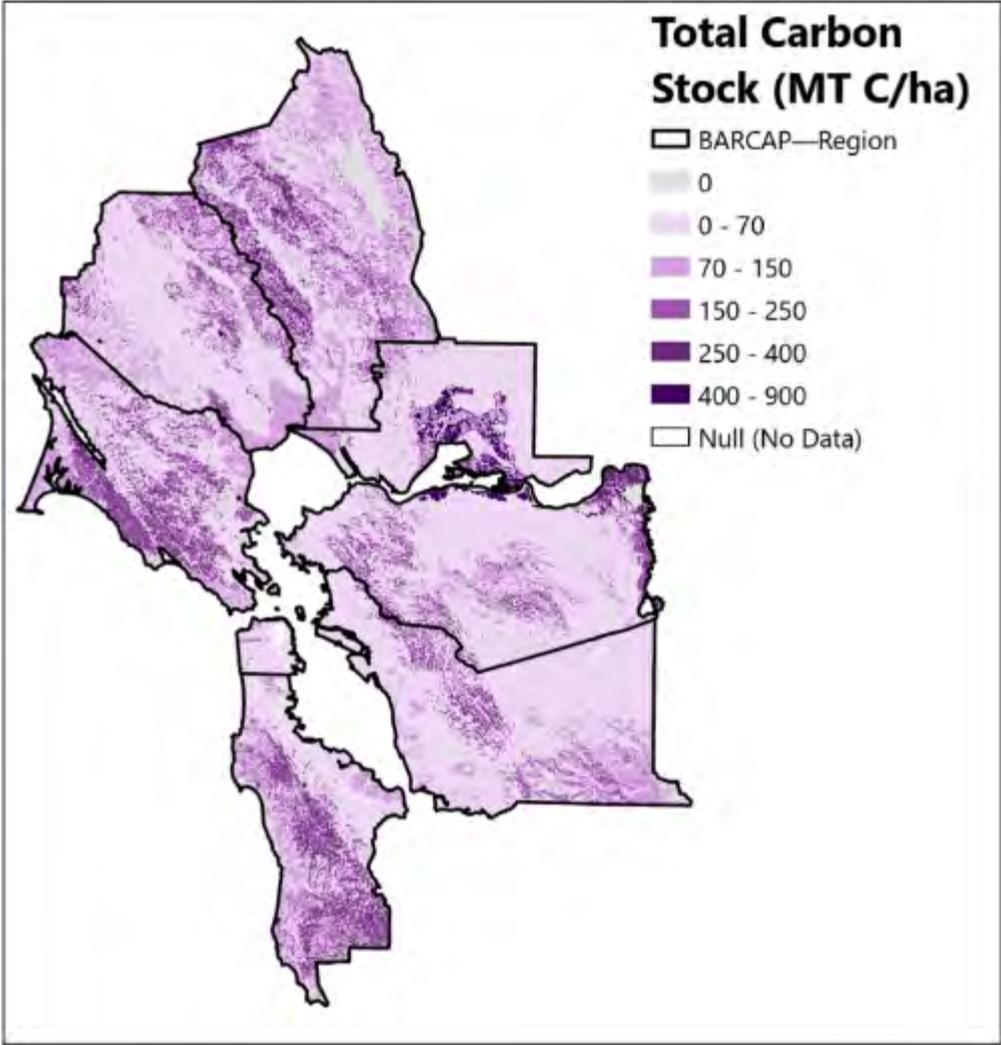
## **GOAL 4**

Address important cross-cutting issues that extend across multiple components of the plan

# BARCAP Greenhouse Gas and Carbon Stock Inventories



2022 Greenhouse Gas (GHG) Inventory for the BARCAP Region  
 Total of 54 Million Metric Tons of Carbon Dioxide Equivalents (MMT<sub>CO2e</sub>)



2022 Carbon Stock Inventory for the BARCAP Region  
 Total 92 Million Metric Tons of Carbon (MT C) Held in Plants & Soils

# BARCAP Snapshot

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**16 Measures**

**57 Actions**

***>35 Implementers Identified***



**Transportation**



**Residential &  
Commercial  
Buildings**



**Electricity  
Generation  
(Power)**



**Waste &  
Materials  
Management**



**Agriculture/  
Natural &  
Working Lands**

# Transportation

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An individual charging an electric vehicle.

## Measures:

- Accelerate light-duty electric vehicle adoption
- Accelerate medium- and heavy-duty vehicle and equipment decarbonization
- Accelerate decarbonization of goods movement
- Support implementation of Plan Bay Area 2050+

# Buildings

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A heat pump water heater.

## Measures:

- Develop solutions for key challenges of zero-nitrogen oxides (NOx) appliance rules
- Promote healthy home retrofits by combining electrification, energy efficiency, and home repair programs
- Grow and diversify building decarbonization workforce through new initiatives and partnerships

# Power

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A field of solar panels.

## Measures:

- Increase development of local small to medium scale clean energy and storage projects
- Expand customer programs and deploy power system and grid technologies (flexibility, resilience, and efficiency)

# Waste and Materials Management

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Community members at a composting workshop.

## Measures:

- Enable food access and clean compost
- Advance low-carbon building materials and reuse
- Reduce methane emissions from waste management facilities

# Natural and Working Lands

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A redwood forest.

## Measures:

- Support Nature-Based Solution Funding and Data
- Advance Conservation, Wildfire Management, and Restoration
- Accelerate Climate-Beneficial Agriculture
- Advance Environmental Justice-Centered Urban Greening

# Advisory Work Group for BARCAP



Logos of public agencies and community organizations

Logos courtesy of agency websites



# BARCAP Engagement Highlights

**168**

frontline community members engaged during 4 multilingual subregional workshops, designed and led in partnership with 8 CBO partnerships



76 Spanish speakers engaged

18 Cantonese speakers engaged

**675**

Survey responses from community members

**10%**

Of responses from Spanish speakers

**409**

Public comments on draft measures

**78**

Commenters in English and Spanish

**63**

Cities and counties engaged

**20**

Technical Working Group meetings across 5 sectors

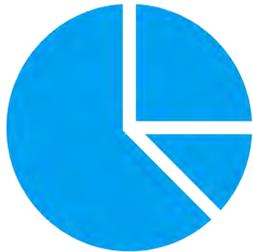
**9**

Presentations at local government standing meetings

**293**

Attendees in 3 public workshops

# BARCAP Deliverables Benefit the Region



Regional GHG Inventory  
(Dashboard)



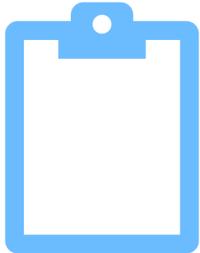
Regional Carbon  
Stock Inventory



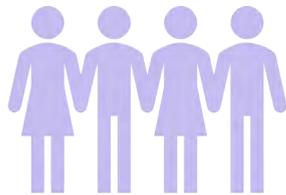
Funding  
Roadmaps



Workforce Planning  
Analysis

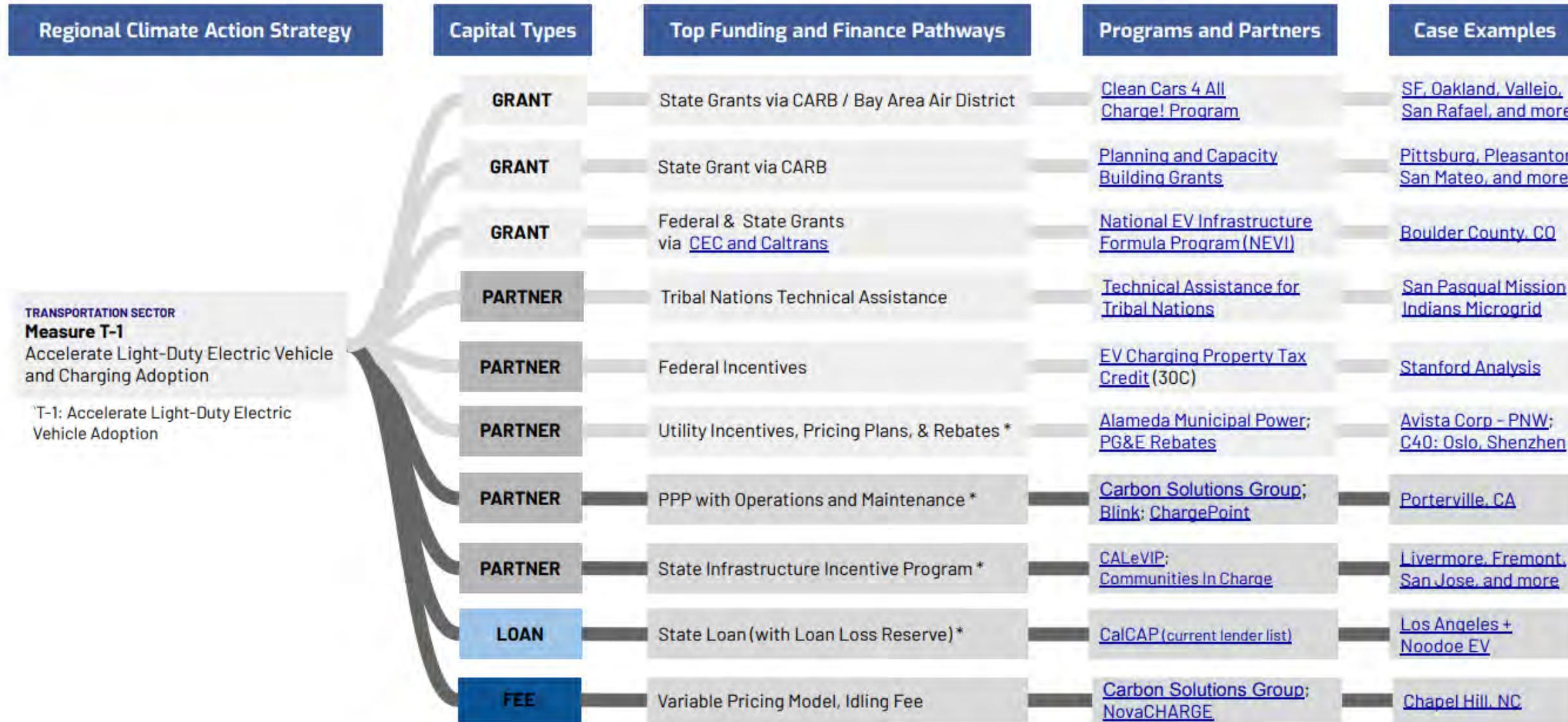


Public Survey  
Results



Frontline  
Communities  
Impacts Analysis

# Sample Funding Roadmap



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 Human Impact - Prolif

Bay Area Air District

**Pathways highlighted in darker gray are particularly applicable and/or accessible to the Bay Area Community**

\* Indicates a pathway may involve Residential & Commercial Costs

\*\* Pathway cancellation currently under dispute or may not have future funding

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# Air District Role in Implementation

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- Serve as lead or supporting implementer for specific actions
  - *Regulations, funding, other*
- Track progress
- Play key overarching role in support of implementation



*Puzzle pieces joining together in a circle*

# Next Steps

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*Hand holding a magnifying glass showing city lights*

- Meet with other lead implementers
- Set up framework for tracking progress
- Update Board on implementation periodically

# Questions & Discussion

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## **For more information:**

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