Community Air Protection Program (AB 617)

Washington State Delegation

June 22, 2022

Overview

❖ **Background on the Community Air Protection Program (CAPP)**

- o *How it fits into California's broader air quality goals*
- o *How it works*

❖ **Progress to date and expected results over time**

❖ **Lessons learned and key takeaways**

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Background

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How it fits

Programs Before AB 617

Criteria Pollutants
Regional SIPs for NAAQS
Attainment area designations
35 Air Districts in 15 Air Basins
Districts – stationary
CARB – mobile

Air Toxics Hot Spots Program (AB 2588)
Local – Air Districts
Statewide – CARB – Air Toxic
Control Measures (ATCM)
Diesel Risk Reduction Plan

Climate Pollutants (AB 32)
Statewide GHG Targets
Cap and Trade Program

AB 617

Passed in 2017 with AB 398, which extended California's Cap and Trade Program beyond 2020
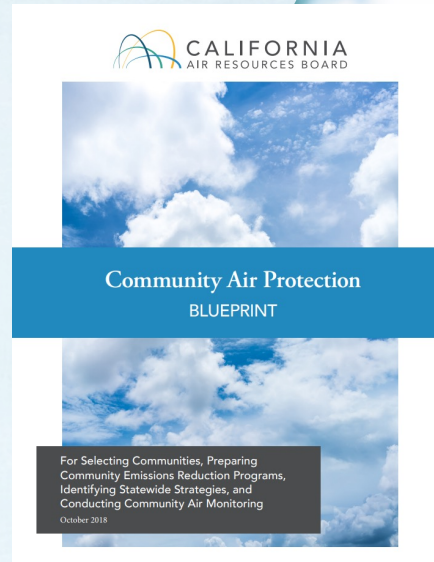
A few key requirements:
- Enhanced emissions reporting, large stationary source controls, establish databases
- **Air Monitoring**
- **Emission Reductions** (HSC 44391.2(c))
  - The programs **shall result in emissions reductions in the community**, based on monitoring or other data.
  - In implementing the program, *the district and the state board shall be responsible for measures consistent with their respective authorities.*

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Community Air Protection Program

Assembly Bill (AB) 617 (C. Garcia, Chapter 136, **Statutes of 2017**) (HSC 44391.2(b))

. ..the California Air Resources Board "shall prepare, in **consultation** with the Scientific Review Panel on Toxic Air Contaminants, the districts, the Office of Environmental Health Hazard Assessment, environmental justice organizations, affected industry, and other interested stakeholders, *a statewide strategy to reduce emissions of toxic air contaminants and criteria air pollutants in communities affected by a high cumulative exposure burden*."

CALIFORNIA
AIR RESOURCES BOARD

Community Air Protection
BLUEPRINT

For Selecting Communities, Preparing Community Emissions Reduction Programs, Identifying Statewide Strategies, and Conducting Community Air Monitoring
October 2018

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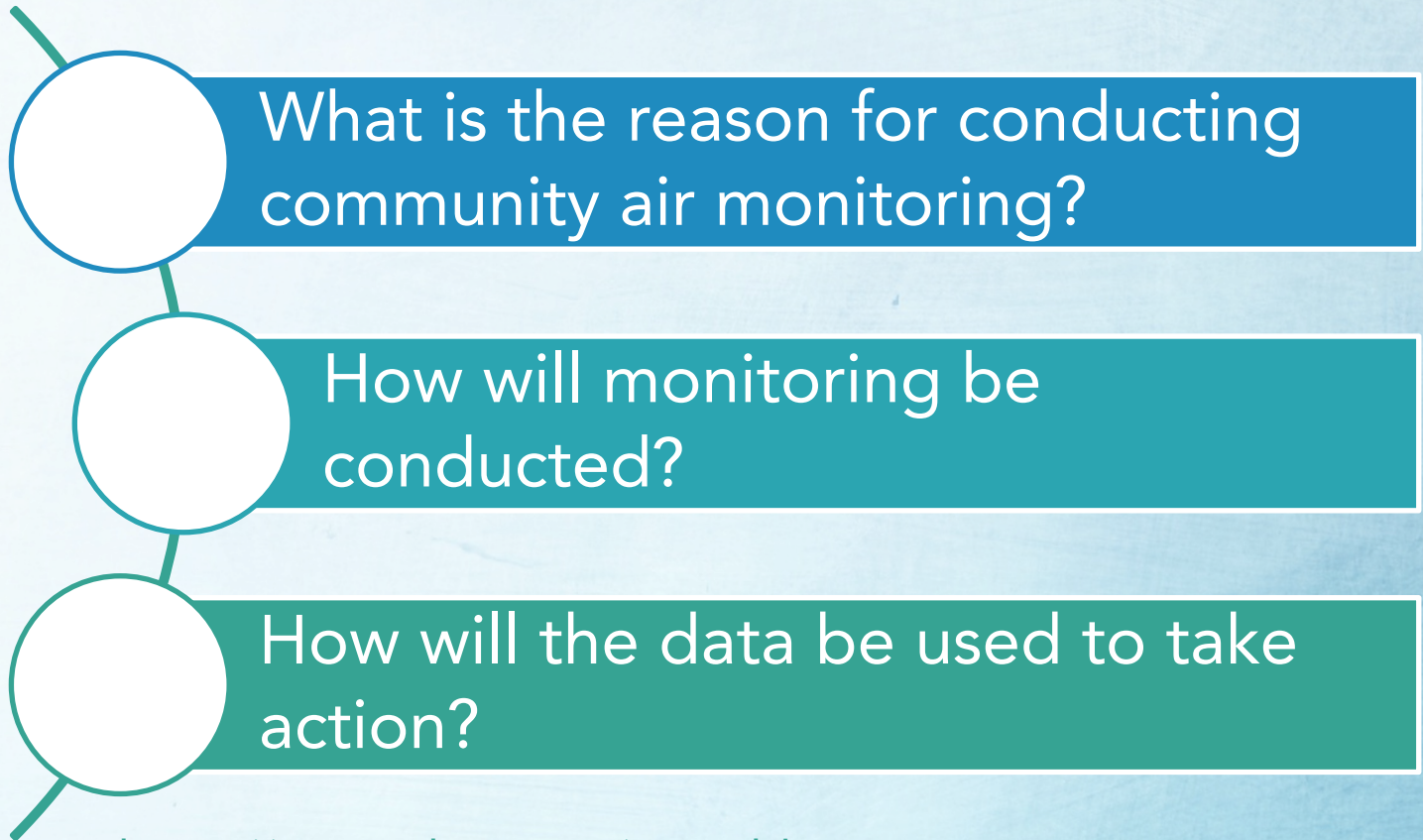https://ww2.arb.ca.gov/capp

Consultation Group

❖ **Co-chaired** by CARB Board members

❖ **Forum for consultation** with wide range of stakeholders:

- Environmental justice organizations
- Community Steering Committee (CSC) members
- Air districts
- Industry
- Academia
- Public health organizations

❖ Input on Blueprint revision in progress

- EJ members led the development of the **People's Blueprint**
- Technical/writing support contract

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Community Air Monitoring Plan (CAMP)

APPENDIX E.
STATEWIDE AIR MONITORING PLAN

TABLE OF CONTENTS

COMMUNITY AIR PROTECTION PROGRAM   E-1

Purpose: _Measure air quality_ and characterize burdens to support action or measure progress

What is the reason for conducting community air monitoring?

How will monitoring be conducted?

How will the data be used to take action?

https://ww2.arb.ca.gov/capp-blueprint

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Community Emissions Reduction Program (CERP)

Purpose: *Reduce emissions and exposure to poor air quality in selected community*
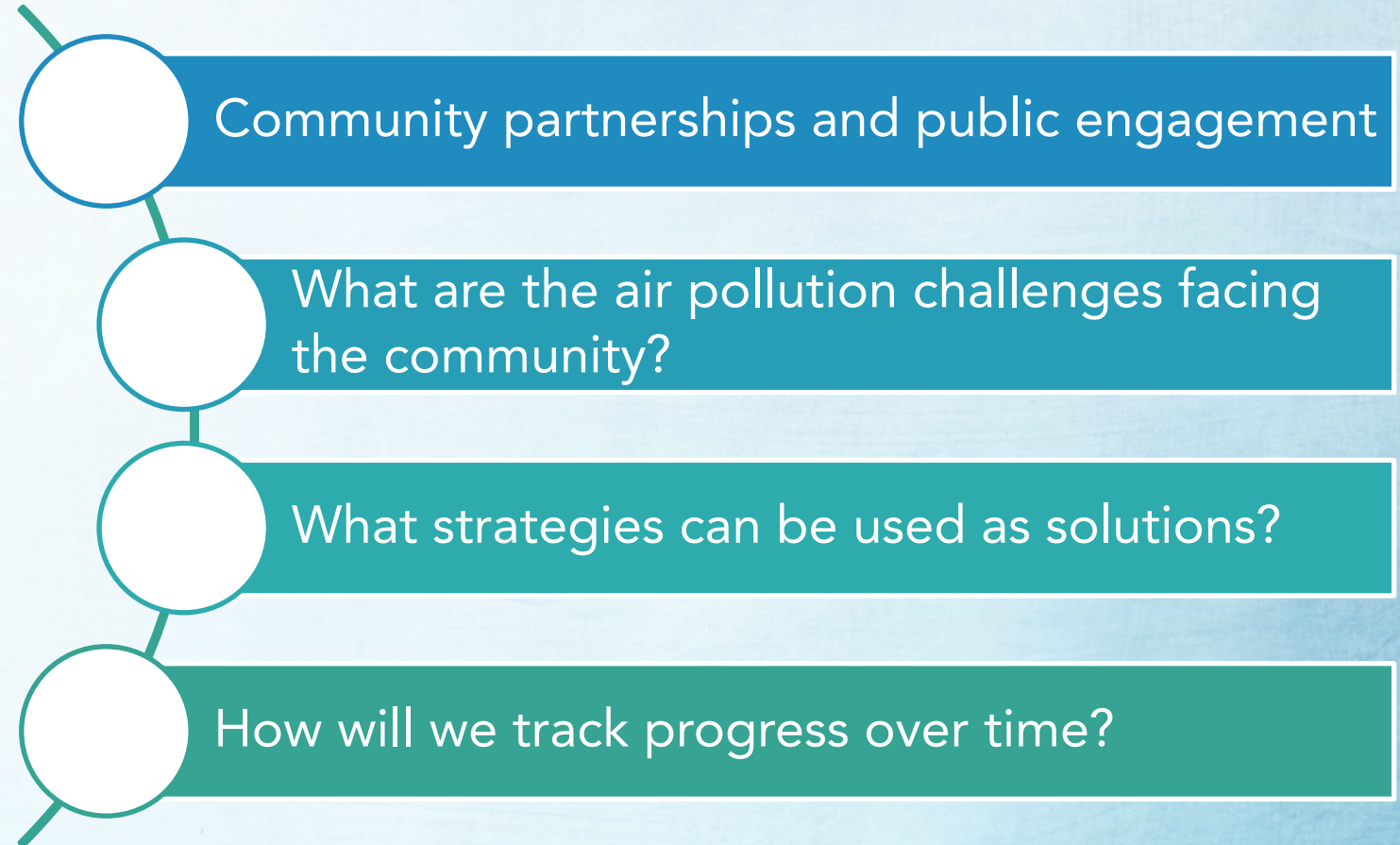
APPENDIX C.
CRITERIA FOR COMMUNITY EMISSIONS REDUCTION PROGRAMS

COMMUNITY AIR PROTECTION PROGRAM   C-1

- Community partnerships and public engagement
- What are the air pollution challenges facing the community?
- What strategies can be used as solutions?
- How will we track progress over time?

https://ww2.arb.ca.gov/capp-blueprint

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Community Steering Committee (CSC)

The majority of a CSC is comprised of community residents

- Community members who live, work, or own businesses in the community

Additional members can include:

- Community-based organizations
- Local agency representatives
- Health departments
- Academic researchers

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Path for CERP and CAMP development with Community Steering Committees

Nominations:
Self and by Air District

Annual Community
Selection by CARB

Air District Convenes
Community Steering
Committee (CSC)

1 year or more

CAMP Objectives
CERP Strategies

Data

Process / Path

*Board-
Approved
CERP*

Prioritize Issues

How to Work
Together

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CERP Timeline

11-year Community Engagement

2019, 2020, 2021

2018 (Seven First-Year Communities)

| Community Recommendations & Selection | → | Community Emissions Reduction Program Development | → | District Board Approval | → | CARB Review and CARB Governing Board Action | → | 5 Year Implementation and Annual Reports | → | 10 Year Maintain Benefits |

1 Year

- Establish boundaries, community steering committees, charter for selected communities
- Determine priorities, objectives
- Collect data & build technical foundation
- Identify reduction strategies
- Set goals and targets
- Determine metrics to track progress

- Metrics to Track Progress
- Annual Reporting

- Enforcement Plan

- Goals and Targets
- Reduction Strategies
- Implementation Schedule

- Technical Foundation
- Community Profile
- Air Quality Objectives

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Blueprint, Appendix C

Progress

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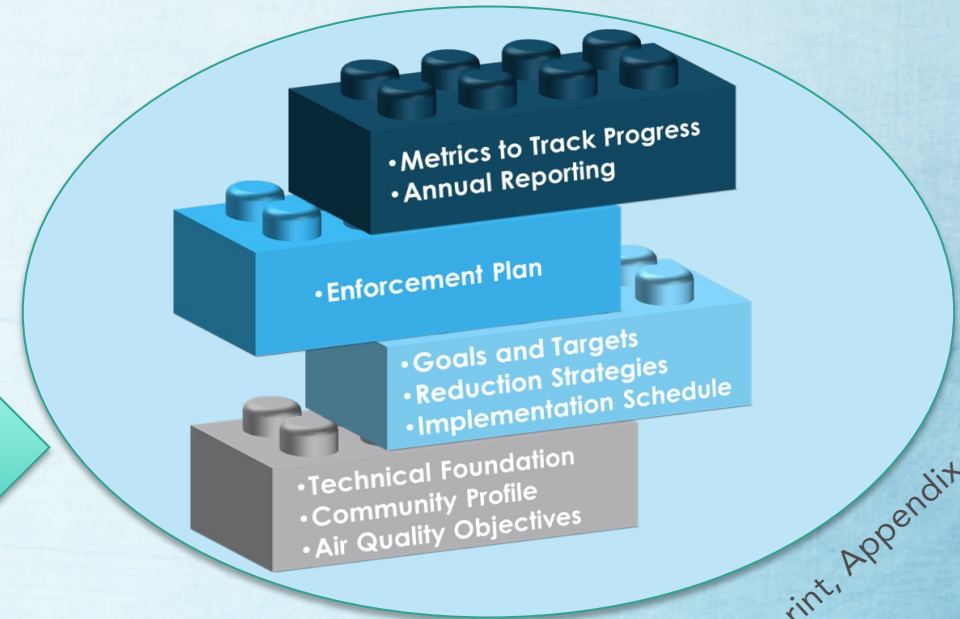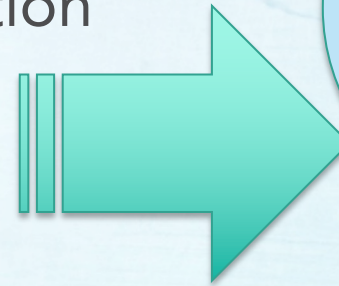
CAPP Communities

17 Communities Statewide

- All disproportionately impacted

- To gain diverse experience, the selected communities have a variety of air pollution sources and geographic characteristics

- Most communities have both a Community Air Monitoring Plan (CAMP) and Community Emissions Reduction Plan (CERP)

Selected Community

Sacramento
South Sacramento-Florin
Richmond-San Pablo
Stockton
Bay Area
West Oakland
East Oakland
South Central Fresno
San Joaquin Valley
Shafter
Arvin, Lamont
South East Los Angeles
San Bernardino, Muscoy
East Los Angeles, Boyle Heights, West Commerce
South Coast
Eastern Coachella Valley
Wilmington, Carson, West Long Beach
South Los Angeles
San Diego
Imperial
Portside Environmental Justice Neighborhoods
El Centro, Heber, Calexico
International Border Community

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A Time of Transition for the Program

- 11-year commitment for each selected community

- Level funding for a growing Program

- Support expanded opportunities to convene communities as resources allow

Funding to Implement AB 617

— CARB   — Air Districts

Dollars in Millions

60
50
40
30
20
10
0

FY 17-18   FY 18-19   FY 19-20   FY 20-21   FY 21-22

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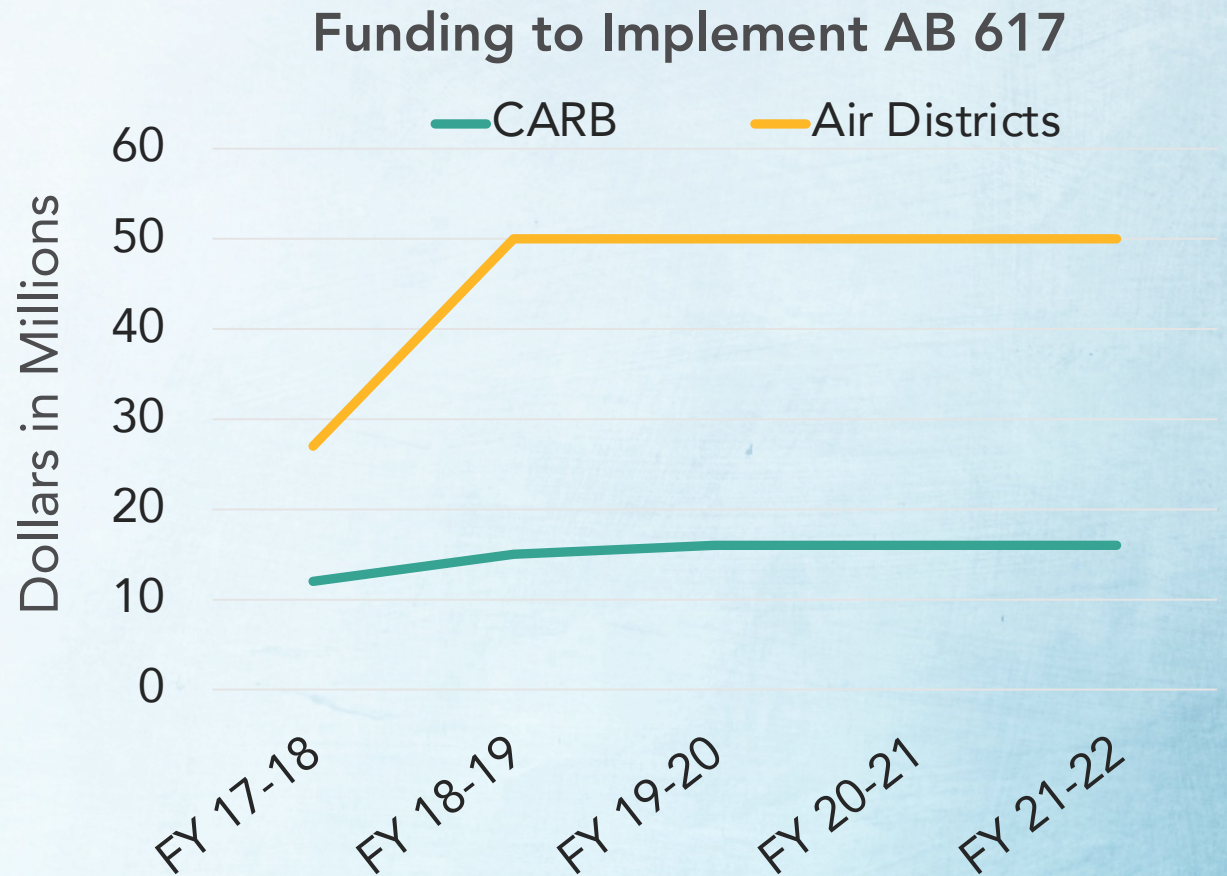
Updating the Blueprint
Reimagining the Program

Required to update every 5 years

Reimagine the program *together* to identify new ways to support more communities

- Fund communities to write their own CERPs through Community Air Grants
- Community-focused enforcement

Update process informed by

- Robust public engagement strategy
- People's Blueprint and Consultation Group discussions
- Successes and lessons learned

Community

Lessons Learned

Affected Industry

Successes

Air Districts

Challenges

Community Air Protection
BLUEPRINT

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Tracking Progress

- Air Districts provide progress on CERPs and CAMPs in Annual Reports
- CommunityHub dashboard to track progress
  https://ww2.arb.ca.gov/capp-communities
- Annual Memos to CARB's Governing Board
  - Community Air Protection Program
  - Community Air Protection Incentives
- Updates on Community Air Grants

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Community Air Grants Prepare Recipients to Participate in the Process

- Community-led air monitoring

- Technical training and education

- Action plans to reduce local toxic air pollution

- Increasing residents' engagement

$25 million awarded in 2018, 2019, and 2021

Almost 100 grants awarded throughout the State

$10 million solicitation for 2022-23

https://ww2.arb.ca.gov/capp-cag

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Lessons Learned, Key Takeaways

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Understanding the Community
Bringing partnership, collective knowledge, priorities, and data together to address shared goals

Regulatory Authorities
Bringing the right people with the necessary regulatory authority to the table

Government/Community Capacity Building
Filling knowledge gaps and improving transparency, accessibility and participation

Partner and Collaborate
Building Trust, Sharing Goals and Values, Sharing Power

Understanding the Community

Community Capacity Building

Regulatory Authorities

Partner and Collaborate

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Partner and Collaborate

- **Building Trust**
    - Have a plan for community engagement, preferably on their terms
    - Respect community members' time, lived experience, perspectives
        - *Listen*: History, problems, root causes, recommended solutions
        - 'We want action not to be studied again'
- **Sharing Goals and Values**
    - *Co-develop* a process for community engagement and goal-setting
        - Professional facilitation, language access/translation
        - Governance: Charters, co-leads, steering committees, stakeholders and their roles
- **Sharing power**
    - Establish clear public participation and decision-making expectations (e.g., IAP2 Spectrum)
    - Consider opportunities, like *participatory* agenda setting, budgeting, etc
- **Resources**
    - Seek to understand needs/barriers to public participation or agency involvement
        - Needs for communities (e.g., Stipends? Internet access or technology?)
        - Needs for implementing/stakeholder agencies (PY, $, priority/expectations)

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Capacity Building

- **Filling Knowledge Gaps**
  - Is everyone equipped to contribute within the partnership?
    At the necessary level? 'Speaking the same language?'
  - **Bi-directional exchange**: Community ←→ Government
    - **Community**: Community data, history, lived experience
    - **Government**: Data, protocols, science, policy, authority, etc.
  - What gaps need to be filled? Cross-training needs/opportunities?
    - Community-led tours to better understand history and priorities
    - Train for community engagement and common-language communication
    - Racial equity, Civil Rights, Environmental Justice, and Collaborative Problem-Solving
    - Knowledge of public process and agency authorities/responsibilities
    - Fundamental data, science, protocols, terminology
- **Improving transparency, accessibility and participation**
  - Public information systems or databases (i.e., needed information & where it will reside)
  - Equip communities to access, interpret, and use information in a public process
- **Resources**: Consider capacity-building grants (e.g., Community Air Grants)

Understanding the Community

Community Capacity Building

Regulatory Authorities

Partner and Collaborate

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Regulatory Authorities

- **Work to get the right people/authority to the table**
  - Lack-of-authority problems exist in communities
    - For example, land use is often at the center of air quality issues, but falls outside air quality agency authority
  - However, the public sees us collectively as 'government'
    - 'Not my problem' can propagate public lack of trust in all of us throughout a community (especially if there's history of inaction or conflict)
  - Prioritize building cross-agency relationships with routine communications to seek solutions and support the community together
    - Anti-idling signs/ordinances
    - Q&A on permitting stationary sources
    - Scale of needed/desired participation can stretch current resources
  - Convening roles for leaders can be very valuable (executives, appointed Board members)

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Understanding the Community

- **Bring it all together to address shared goals**
  - Collaborative Partnerships, Capacity, and Authority
  - Resources and funding for
    - Capacity-building
    - Implementation
    - Incentives, including consideration of community-identified projects
      https://ww2.arb.ca.gov/our-work/programs/community-air-protection-incentives
  - A clear path for implementation (e.g., Blueprint, Charters, CAMP, CERP)
    - Expectations
    - Roles/responsibilities
    - Approval/revision process
    - Progress tracking

Understanding the Community

Community Capacity Building

Regulatory Authorities

Partner and Collaborate

Questions?

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