

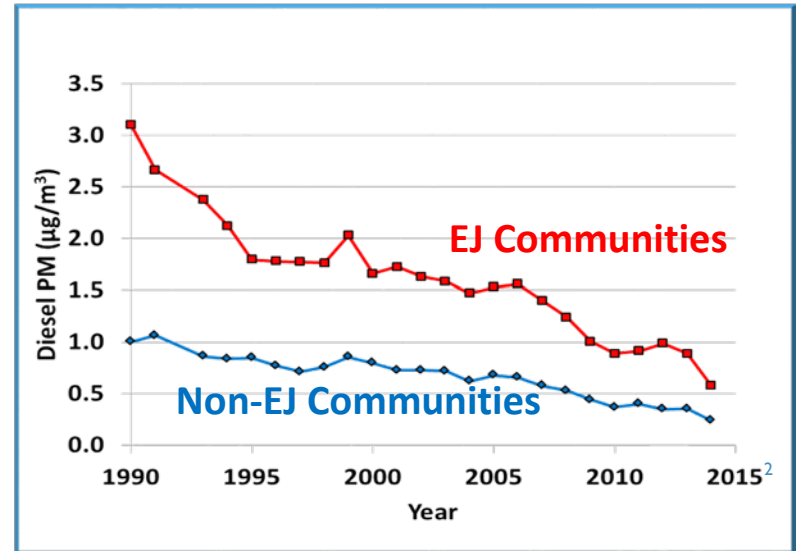


OVERVIEW OF AB 617 COMMUNITY AIR PROTECTION PROGRAM

SCIENTIFIC REVIEW PANEL: JUNE 12, 2018

MOTIVATION FOR AB 617

- Historical focus on regional air quality
- Significant improvement, but disproportionate burdens remain
- Need for community-level focus
- Address cumulative exposure
- Take advantage of advances in monitoring technologies



FOCUS ON COMMUNITY ACTION

AB 617 Elements

- Community emissions reduction programs
- Accelerated retrofit of pollution controls on industrial facilities
- Community-level air quality monitoring
- Enhanced emissions reporting
- Increased penalty provisions
- Grants to local community groups

MAJOR MILESTONES

September
2018

- **CARB:** Select initial communities and adopt planning framework for monitoring and emissions reduction programs

January
2019

- **Air Districts:** Adopt expedited schedule for implementation of Best Available Retrofit Control Technology (BARCT)

July 2019

- **Air Districts:** Deploy community air monitoring

October
2019

- **Air Districts:** Adopt community emissions reduction programs

Fall 2019

- **CARB:** Select additional communities (and annually thereafter)

December
2023

- **Air Districts:** Implement BARCT requirements

PROGRESS TO DATE

Community Air Protection Program

DRAFT Process and Criteria for 2018 Community Selections

Assembly Bill 617 (AB 617) requires the California Air Resources Board (CARB or Board), in consultation with the air districts and other stakeholders, to select priority locations around the State with the highest cumulative exposure burden for criteria pollutants and toxic air contaminants for the deployment of community air monitoring systems (campuses) and/or preparation of community emissions reduction programs. The law establishes several criteria for community selection, including prioritization of disadvantaged communities and sensitive receptor locations. CARB must select an initial list of communities by October 1, 2018.

To ensure CARB is drawing on existing resources and knowledge in establishing a list of communities, CARB staff is requesting recommendations from air districts and community members. Staff will review those recommendations as part of a statewide assessment and process for proposing communities in fall of 2018 for Board consideration.

This important new program will evolve over time. As more data becomes available and we learn from our initial efforts, staff anticipate that the Process and Criteria for Community Selections will also evolve.

Draft release date: February 7, 2018



Community Air Protection Program Framework

CONCEPT PAPER

Release Date: February 7, 2018

Please submit any written comments on this document to:
<https://www.arb.ca.gov/Speci/CommunityAir/Program/2018/CommunityAirConceptPaper.pdf>



Draft Community Air Protection Blueprint

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

Draft for Public Comment

Draft Release Date: June 7, 2018
Comments Due: July 23, 2018

Please submit any written comments on this draft document
by July 23, 2018 to: <https://www.arb.ca.gov/Speci/CommunityAir/>



2017-2018 GRANT GUIDELINES California Assembly Bill 617 Community Air Grants Program

California Air Resources Board
February 26, 2017



Proposed Community Air Protection Funds Supplement to the Carl Moyer Memorial Air Quality Standards Attainment Program 2017 Guidelines

STAFF REPORT

Date of Release: March 12, 2018
Scheduled for Consideration: April 27, 2018

Location:

California Environmental Protection Agency
California Air Resources Board
Sacramento County Administration Building
700 H Street, Sacramento, California 95814

This report has been reviewed by the staff of the California Air Resources Board and approved for publication. Approval does not signify that the contents necessarily reflect the views and policies of the California Air Resources Board, nor does mention of trade names or commercial products constitute endorsement or recommendation for use.

SELECTING INITIAL COMMUNITIES

1

**Identification of
Potential
Communities**

2

**Assessment of
Exposure Burdens**

3

**Selection of Initial
Communities**

- Expect up to 10 communities in first year of program
- Reflect variety of regions and pollution sources
- Serve as models for other communities
- Received initial air district submittals in April
- Community nominations ongoing

FACTORS TO ASSESS CUMULATIVE EXPOSURE

Exposure to Air Pollution

- Concentrations of criteria and toxic air pollutants
- Density/magnitude of emissions sources
- Cancer risk estimates based on air quality modeling

Sensitive populations

- Sensitive populations located in close proximity to mobile and stationary emissions sources of concern

Other measures of vulnerability

- Public health indicators
- Socioeconomic factors

COMMUNITY EMISSIONS REDUCTION PROGRAM ELEMENTS

Engagement

- Community steering committees
- Public outreach

Targets

- Emission reduction targets
- Technology deployment goals
- Compliance goals
- Exposure reduction goals
- Milestones

Strategies

- Regulations
- Risk Reduction Audits
- Permitting
- Incentives
- Mitigation
- Land Use engagement

Enforcement

- Enforcement history
- Enforcement plan

Tracking

- Metrics
- Annual reports

COMMUNITY AIR MONITORING PROGRAM ELEMENTS

Assess capabilities of air monitoring technologies

Review existing community air monitoring networks

Provide criteria for community air monitoring

Support data display and communication

ADDITIONAL IMPLEMENTATION ELEMENTS

TECHNOLOGY CLEARINGHOUSE

Best available control technologies

Stationary, area-wide, and mobile sources

EMISSIONS REPORTING

Annual reporting for specified facilities

Development of uniform methodologies

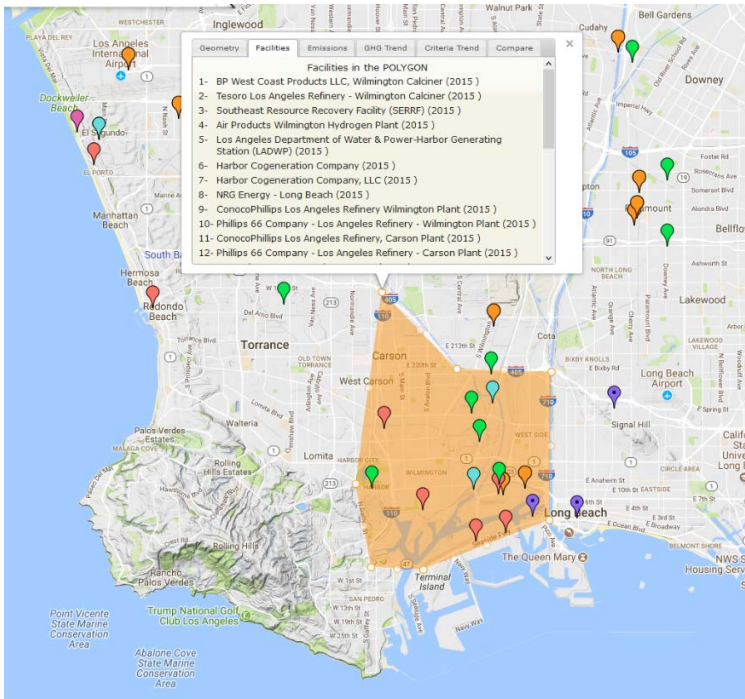
RESOURCE CENTER

Land use and transportation best practices

Community air monitoring resources

Education and outreach

OVERVIEW OF AB 617 EMISSIONS REPORTING REQUIREMENTS



- Annual reporting of criteria and toxics emissions data for specified stationary sources
- Uniform, statewide reporting system
- Allows for collection of other relevant facility-level data
- Provides options for data certification or verification

INCENTIVE FUNDING FOR CLEANER TECHNOLOGIES

CLEAN TECHNOLOGY INCENTIVES – \$250 MILLION



- 2017-2018 State Budget:
 - \$250 million in funding for immediate reductions from mobile sources
- Proposed 2018 – 2019 State Budget
 - Additional funding for both mobile and stationary sources

COMMUNITY AIR GRANTS

- \$5 million in grant funding to support:
 - ✓ capacity building and training
 - ✓ technical assistance
 - ✓ community engagement
- Solicitation released late February
- Awards and additional \$5 million funding announced (contingent on FY 18-19 budget)

AB 617 Community Air Grant Recipients

May 2018



CONTINUING FORWARD

June 2018

- Draft Blueprint released

June 2018

- CARB Board Update

June - July
2018

- Workshops/Community Tours/Consultation Group

August 2018

- Final Blueprint and recommendations for community selection released

September
2018

- CARB Board Meeting to consider community selection & Blueprint

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DISCUSSION QUESTIONS

- What factors should be considered in assessing the cumulative exposure burden in recommended communities?
- How can the enhanced air monitoring and emissions reporting data be used to support improved health assessments?
- What are the most effective methods for communicating health risk to community members?