



Update on AB 617

Community Air Protection Program



October 26, 2017

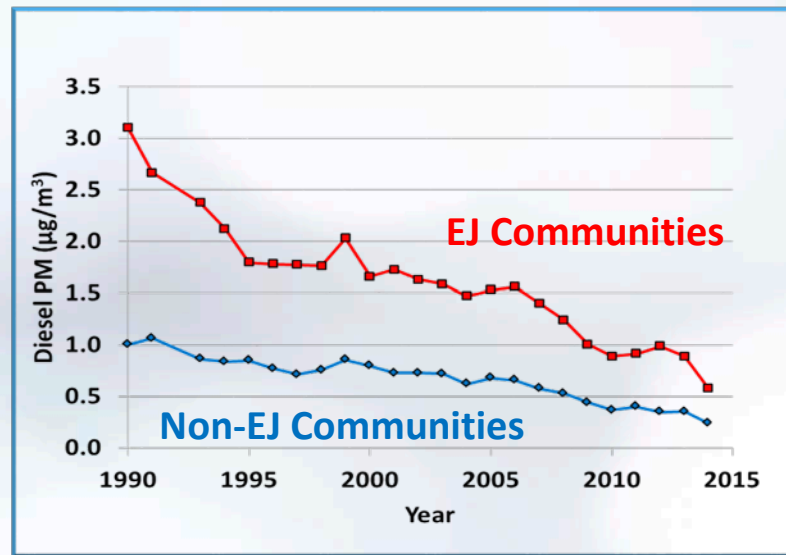
Presentation Outline

- Overview of AB 617 Goals
- Program Elements
- Funding
- Public Process and Next Steps



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

- Most significant air quality legislation in decades
- Establishes community focused framework
 - Enhanced information on community level air pollution
 - Community specific emission reduction programs
 - Focus on early actions
 - Emphasis on community participation
 - Builds on existing community level efforts

Delivering on AB 617 Goals

- Collaborative process involving CARB, air districts, and community representatives
- Clear goals and timelines for action
- Accountability and metrics for tracking progress
- Transparency and accessibility to information



IMPROVED
PUBLIC HEALTH



LOCAL TOXIC &
AIR POLLUTION
REDUCTIONS



COMMUNITY
ENGAGEMENT



OPEN &
TRANSPARENT
PROCESS



ACCESS TO
AIR QUALITY
MONITORING DATA

Kickoff of Public Process



- Coordination with air districts
- Monthly calls with EJ groups
- Community organization conferences
- Meetings with individual stakeholders
- Informational meetings

Themes from Initial Outreach

- Ground up, community-led approaches
- Advisory groups
- Guidance on collecting data
- Incentive funding for small businesses
- Community/regional differences



AB 617 PROGRAM ELEMENTS

Joint Implementation of Program Elements

MONITORING

- Identify communities for monitoring
- Statewide Monitoring Plan
- District and community operated networks
- Statewide data display

EMISSIONS

- Statewide reporting system
- Statewide pollution mapping tool

FUNDING

- Incentive funding
- Community assistance grants

ACTION PLANS

- Identify communities for emission reduction programs
- Statewide Strategy
- District Community Emission Reduction Programs
- District BARCT implementation
- State and district strategies

Community Identification

- Prioritize communities with highest exposure burdens
 - Deployment of community air monitoring
 - Development of community emission reduction programs
- Focus on disadvantaged communities and sensitive receptor locations



Process for Selecting Communities

- Reflect a variety of factors - weight of evidence approach
 - Regional evaluation of air quality factors in CalEnviroScreen
 - Local measurement and modeling studies
 - Facility risk assessments
 - Proximity / density of emission sources
 - Health indicators
- Considering nomination process - recommendations for priority communities

Key Questions

- How do we define a “community”?
- Should we establish a list of communities that might be phased in over time?
- Do the communities identified for air monitoring need to be the same as those for reduction programs?

Statewide Monitoring Plan



- Review capabilities of air monitoring technologies
- Review existing community air monitoring systems
- Provide recommendations for additional air monitoring
- Establish guidance on best practices

Community Air Monitoring

- Deploy community air monitoring systems in identified communities by July 2019
- District and community led activities
- Develop tools for enhanced accessibility of air quality data



Builds on Current Activities

- Air district and community led activities provide successful models
 - IVAN Air Network
 - San Ysidro border traffic study
 - West Oakland Environmental Indicators Project
 - South Coast AQ-SPEC Program, STAR Grant, MATES, Paramount
 - Sacramento wood smoke study

Examples of Community Air Monitoring



Key Questions

- What are the main pollutants of concern for community air monitoring?
- What types of monitoring technologies are most appropriate to support community assessments and reduction plans?
- What are the best ways to make air quality data more accessible and meaningful?

Statewide Reduction Strategy



- Methods for assessment of community exposure and contributing sources
- Strategies for reducing emissions
- Criteria for community emissions reduction programs

Criteria for Successful Programs

- Quantitative public health goals
 - Air quality standards
 - Toxics risk reduction
- Clear metrics for tracking progress
 - Emission reductions
 - Investments in community level projects
- Public process and community engagement
- Process for review and updates

District Community Emission Reduction Programs



By October 2019
with ongoing
updates

- Emission reduction measures
- Emission reduction targets
- Implementation schedule
- Enforcement plan

Key Questions

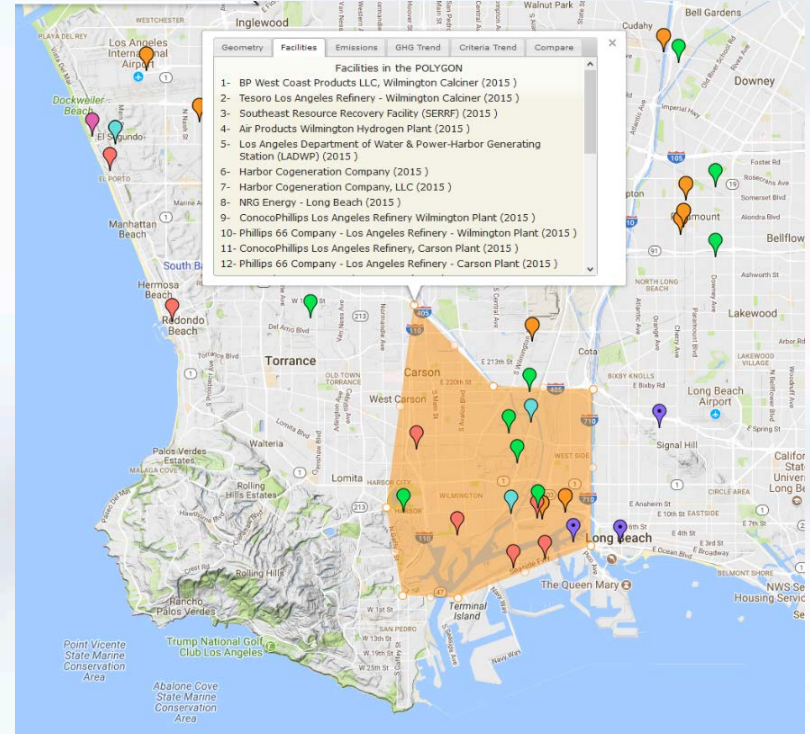
- What types of community focused actions to reduce exposure should we be considering in the State Strategy?
- What types of incentive projects would be most beneficial for reducing community exposure?
- How do we most effectively define the goals and metrics to ensure they drive community level actions?

Best Available Retrofit Control Technology Implementation

- Adopt expedited schedule for BARCT by January 2019
- Implementation by December 2023
- Support for State Strategy
- Maintain technology clearinghouse

Enhanced Emissions Reporting

- Establish statewide annual reporting system for largest industrial sources
- Supports enhanced tracking and accessibility of emissions data
- Available through CARB's Pollution Mapping Tool



FUNDING RESOURCES

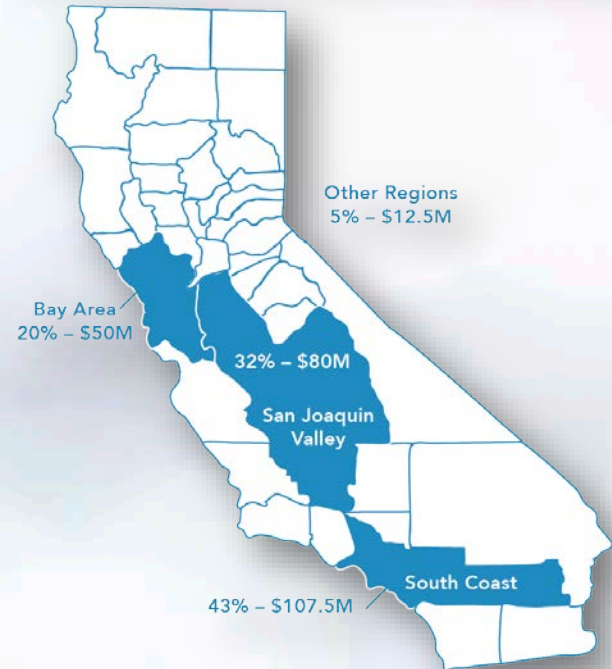
Implementation Resources

- Budget allocates new funding for initiating program at CARB
- Budget includes \$27 million in first year funding for air districts
- Ongoing resources for implementation will be critical to the success of the program

\$250M for Targeted Incentive Funding to Support Early Actions

- Provides demonstrated commitment to deliver on goals of AB 617
- Focus on communities with highest pollution burdens
- Target mobile sources spending substantial portion of time within communities

CLEAN TECHNOLOGY INCENTIVES – \$250 MILLION



\$5M for Community Assistance Grants

- Developing process for grant program
- Funding to support
 - Capacity building – training and support
 - Assistance for community led air monitoring
 - Technical assistance



PUBLIC PROCESS AND NEXT STEPS

Commitment to Ongoing Public Engagement

- Comprehensive and collaborative public process involving all stakeholders
- Ongoing opportunities throughout all stages of program development and implementation
- Multiple forums for technical and policy discussion



LOCAL
AIR DISTRICTS



COMMUNITY
GROUPS



ENVIRONMENTAL
ORGANIZATIONS



INDUSTRY

Key Questions

- What are effective models for meaningful community engagement and partnerships?
- What additional organizations should we be working with?
- What formats are most useful for discussing program development?

Stakeholder Consultation

- Statute calls for consultation with multiple stakeholders on CARB planning elements
- Public feedback recommending an advisory committee
- Establish committee with representation from community-based organizations, EJ and public health groups, air districts, academia, and industry stakeholders
- Provide consultation and advice on key concepts / approaches
- Separate regional committees beneficial for local planning efforts

Current Outreach Activities

Oct-Nov
2017

- Informational Meetings (Oakland, Sacramento, Los Angeles, Fresno)

Oct
2017

- Central California Environmental Justice Network (Merced)

Nov
2017

- Imperial County Environmental Health Leadership Summit (Heber)

Nov
2017

- Joint Legislative Committee on Climate Change Policies and Natural Resources Hearing (Heber)

Next Steps

Fall
2017

- Board Meeting Update; Informational and Community Meetings

Winter
2018

- Draft Concepts; Workshops and Community Meetings

Spring
2018

- Board Meeting Update; Draft Planning Documents

Summer
2018

- Workshops and Community Meetings; Final Draft Planning Documents

Fall
2018

- Board Meeting to consider Final Planning Documents

Contact Us

CARB Office of Community Air Protection

- Website:
 - ww2.arb.ca.gov/our-work/topics/community-air-protection
- Email
 - CommunityAir@arb.ca.gov
 - AireComunitario@arb.ca.gov
- Click “Subscribe” for listserve:
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