

Community Air Protection Funds



Webinar Presentation and Workshop
February 27, 2019

Overview

- Background: first-year Community Air Protection Funds
 - Mobile source incentives through Moyer and Proposition 1B
 - Early action progress so far
- Second-year funds for both mobile and stationary sources
- New Community Air Protection Funds Guidelines
 - New project categories: chrome plating and school facilities
- Next steps
- Wrap-up

First-Year Community Air Protection Incentives

- Legislature allocated \$250 million for mobile source incentives
- Moyer Program projects
 - Special Community Air Protection provisions approved by Board in April 2018
- Proposition 1B “clean truck” projects

Moyer

- Grants determined by Cost-effectiveness
- Wide array of projects categories

- Voluntary incentives
- Replace old equipment with clean alternatives
- CARB and district partnership
- Reliable programs allow for quick action

- Fixed dollar amounts
- Grants to trucks that transport goods along CA Trade Corridors

Prop 1B

Progress on Early Action to Support AB 617

- Community Air Protection Supplement expands eligibility
 - Higher grants for zero-emission projects
 - Additional flexibility for school buses
 - Lowered barriers to participate
- Nearly half of all first-year funds committed as of October 2018
- Funded projects include:
 - South Coast: On-road trucks, off-road equipment, marine vessels
 - San Joaquin Valley: School buses, locomotives and ag equipment
 - Bay Area: School buses, off-road port equipment and marine vessels



Second-Year Funds for Mobile/Stationary

- \$245 million in second-year funds
 - Mobile sources through Moyer and Prop 1B
 - Zero-emission charging infrastructure
 - Stationary sources to reduce toxics and criteria pollutants
 - Community-identified projects



Second-Year Funds for Mobile/Stationary

- Listening to Communities
- Significant portion to the initial communities selected by the Board
- Consider precedent set by the Legislature with the specified allocation of funds in the first year
- Consider the needs of other communities that CARB “is considering for selection in future years” per SB 856
- Provide opportunity for smaller districts, for projects in their disadvantaged communities

Principles to Guide Support of Community Air Protection

- Emission reductions must be early or extra
- Community outreach and engagement are key
 - Transparency in project selection and reporting
- Consider air toxics, criteria pollutants and GHG benefits
- Fund special projects for sensitive receptors
- Prioritize zero-emission technologies and infrastructure
- Consider cost-effectiveness and relative risk reduction

Program Administration

- Outlines administrative procedures and program management:



- Timelines
- Policies and procedures
- Contract requirements
- Reporting and progress tracking

- Ensures program accountability and transparency with the public

Project Types Under Consideration

Existing Mobile Sources

Scrap Dirty

- Trucks
- Off-Road Equipment
- Marine Vessels
- Locomotives

Replace with Cleaner Zero Emission Alternatives and Infrastructure

New Opportunities being developed

Stationary Sources

- Hexavalent Chrome Plating

Public Schools Facilities Measure

- Composite Wood Products
- Zero Emission Lawn and Garden
- Transportation
- Air Filtration

Reducing Emissions from Chrome Plating Operations

- Hexavalent chromium identified as potent toxic air contaminant



- Regulation requires reduction based on type of operation
 - Use of chemical fume suppressants and add-on pollution control
- Proposed Project Requirements
 - Minimum three-year project life
 - Initial performance/source test to verify post-control emissions
 - Grant amount up to 90% of eligible costs

Reducing Exposure at Public Schools

- K-12 schools
- Outdoor and indoor emissions
 - Toxics, Criteria, GHG
- Project types under development
 - Composite Wood Products
 - Zero-emission lawn & garden
 - Transportation
 - Air Filtration



Reducing Exposure at Public Schools

- Composite Wood Products
 - Propose to provide the incremental cost of purchasing zero or low-emitting composite wood replacement products for schools



Zero-Emission Equipment at Public Schools

Zero-Emission Lawn and Garden Equipment

- Effect on Health
 - Emits cancer causing chemicals
 - Operating 1 lawn mower for 1 hour =
 - Driving a 2017 Toyota Camry from almost 300 miles
- Impacted Communities:
 - Nearly 6 million children in over 10,000 schools
 - Operators of these equipment



Proposed Zero Emission Lawn & Garden Equipment

- Eligible Participants
 - K-12 schools that own LGE equipment
 - Contractors serving K-12 schools in DACs/LICs
- Eligible Equipment
 - All equipment less than 25 hp
- Proposed Project Elements
 - Consider Existing District programs
 - Fixed Amount per Equipment Type
 - Scrap Old Equipment



Additional Opportunities

How can the program further serve local community needs?

- Cleaning up School Transportation
 - Complement existing programs
- Improving Air Filtration in Schools
- Other project types to consider?

Next Steps

- March 22: Publish proposed Guidelines for public comment
- April 25-26: Present proposed Guidelines to Board
 - Initial categories will serve as models for new options based on identified community priorities
 - Allow flexibility to meet community needs as they are identified
- Continued guidance from communities is critical
 - Direction on creation of additional project types
 - New incentive options for community emissions reduction programs

Continuing the Conversation

Keep up with Community Air Protection Incentives!
Subscribe to the mailing list:

<https://www.arb.ca.gov/msprog/cap/capfunds.htm>

We want to hear from you! Contact CARB at:

ab617incentives@arb.ca.gov



- Requests for more Info
- Meeting requests
- Comments/suggestions