

Bay Area Air Quality Management District

## AB 617 Community Air Quality Protection Grant Program (AB 134)

February 26, 2018

Overview

- Introduction to the Air District
- AB 617 / 134
  - Overview of Carl Moyer Program
    - Bay Area projects
    - Funding process
    - Accountability
  - Priority Locations
  - Community Engagement and Next Steps

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Introduction to Bay Area Air Quality Management District

- Established in 1955
- Nine Bay Area Counties
- 7.7 Million Residents
- 5,340 square miles

**Mission:**  
*"To protect and improve public health, air quality, and the global climate."*

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Bay Area Air Quality Management District

Stationary Sources 47%  
Mobile Sources 53%

Regulations Incentives

Regulate & Enforce Monitor Outreach Incentivize

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2018 Bay Area Air District Grant Funding

Funding Source	Amount
TFCA	\$23.5M
MSIF	\$11.2M
GMP	\$7.5M
CMP	\$7.1M
AB 617 / 134	\$50M
<b>Total Funds Available</b>	<b>\$99M</b>

TFCA – Transportation Fund for Clean Air  
 MSIF – Mobile Source Incentive Fund  
 GMP – Goods Movement Program  
 CMP – Carl Moyer Program

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Bay Area Air District's CARE program

- Complements traditional air quality planning
- Identifies communities most affected by high exposure and those vulnerable to air pollution
  - Maps areas of greater health impact based on cumulative air pollution levels and existing adverse health outcomes
- Strives to fill a gap in health protection between regional and facility-scale assessments

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## AB 617 / 134 Carl Moyer Program in the Bay Area

\$50 M in funding can be used for the same categories as Carl Moyer Program

**Bay Area Air District's Carl Moyer Program \$224 M, 1998 – 2017**

- >1,000 Projects
- >2,200 diesel engines replaced
- >41,000 cars scrapped
- 68% of funding in CARE Areas

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## Carl Moyer Program Project Examples

Project	Description	Funding	% Cleaner and Pollution reduced (NOx / ROG / PM)
	Heavy-duty diesel truck (1)	Grant: \$60,000 (46%) Total cost: \$129,713	90 % cleaner (1.032 / 0.137 / 0.045)
	Freight locomotive (1)	Grant: \$760,000 (46%) Total cost: \$1,642,500	88 % cleaner (2.976 / 0.621 / 0.059)
	School bus (1)	Grant: \$165,000 (97%) Total cost: \$168,483	90 % cleaner (0.082 / 0.007 / 0.004)
	Electric airport equipment (5)	Grant: \$150,550 (14%) Total cost: \$1,029,876	100 % cleaner (0.985 / 0.106 / 0.036)
	Tug boat (2)	Grant: \$2,590,000 (84%) Total cost: \$3,049,377	85 % cleaner (42.71 / 1.947 / 1.456)

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## AB 617 / 134 Funding Process

1. Outreach
2. Application submittal
3. Review for eligibility
4. Funding award approved
5. Existing equipment inspected
6. Contract with equipment owner
7. Applicant purchases new equipment
8. New equipment inspected
9. Old equipment destroyed
10. District pays equipment owner
11. Project monitoring – annual reporting, project audits, inspections

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## AB 617 / 134 Accountability Requirements

- Compliance checks
- Emissions analysis, focus on certified technologies
- Equipment owner cost-share
- Equipment inspections
- Contract requirements
- Approved projects posted on the District's website
- Destruction of old equipment
- Penalties for non-performance
- Project audits
- Annual reporting & monitoring

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## AB 617 / 134 Bay Area: \$50 million

- Early actions - Projects contracted by 6/2019 and paid by 6/2021
- Focus the \$50 million on projects that reduce emissions in the following communities:
  - The **880/80 Corridor** - Hayward to Richmond - East and West Oakland, Berkeley and Richmond; and
  - The **Refinery Corridor** - Rodeo and Vallejo, Outside Martinez to Pittsburg
- State requirements for project locations
- Other Air District incentive programs will provide funding for all CARE areas, as well as other parts of the region

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## AB 617 / 134 Community Engagement

- Information at AB 617 workshops
- Community meetings:
  - **January 31<sup>st</sup>** – BAAQMD AB 617 meeting, SF
  - **February 26<sup>th</sup>** – ARB/ BAAQMD CMP workshop, Oakland
  - **March (TBD)** – AB 617 meeting
- Survey to collect community input
- Community input will help inform the Air District's project outreach and project identification processes

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AB 617 / 134  
Community Survey

[www.baaqmd.gov/cmgsurvey](http://www.baaqmd.gov/cmgsurvey)

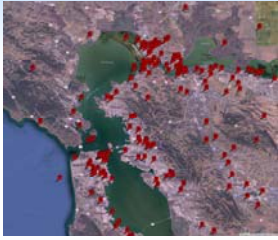
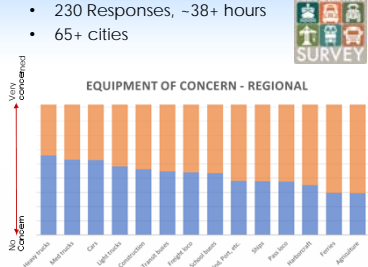
- Released late January
- Ongoing collection of community participation
- Open to the entire Bay Area
- Translation options
- Map feature
- Questions related to current equipment types and other sources of concern



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Bay Area  
Survey Participation To Date

- 230 Responses, ~38+ hours
- 65+ cities

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# Questions & discussion



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