



Bay Area Air Quality
Management District

**AB 617 Community
Health Protection Grant
Program (AB 134)**

March 28, 2018



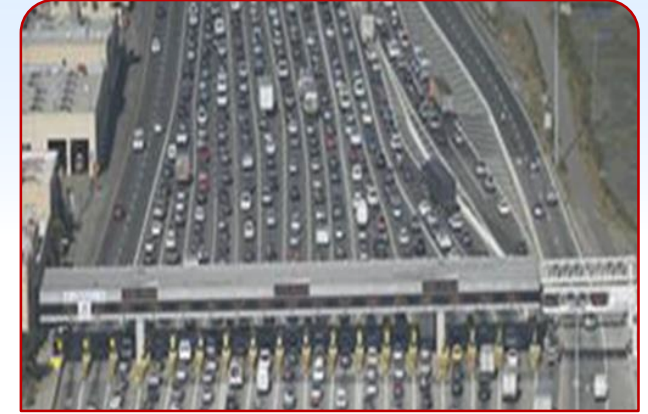
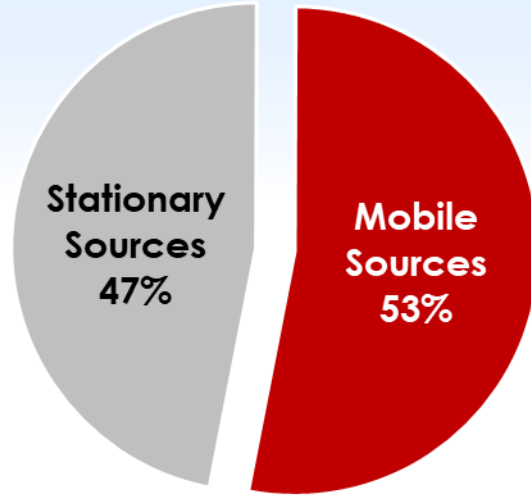
- Background
- Carl Moyer Program
- AB 617/ 134 funding
- Community engagement
- Future funding



Bay Area Air Quality Management District



Regulations



Incentives





AB 617 Community Health Protection Grant Program

- AB 617 established the Community Air Protection Program
- AB 134 provided \$250 million to support immediate reductions through Carl Moyer Program
 - “CAP” funds for cleaner mobile sources, healthier communities
 - \$50 million to the Bay Area
- Key steps:
 - Communities advise where to focus CAP funds
 - Local air districts fund projects to benefit affected communities

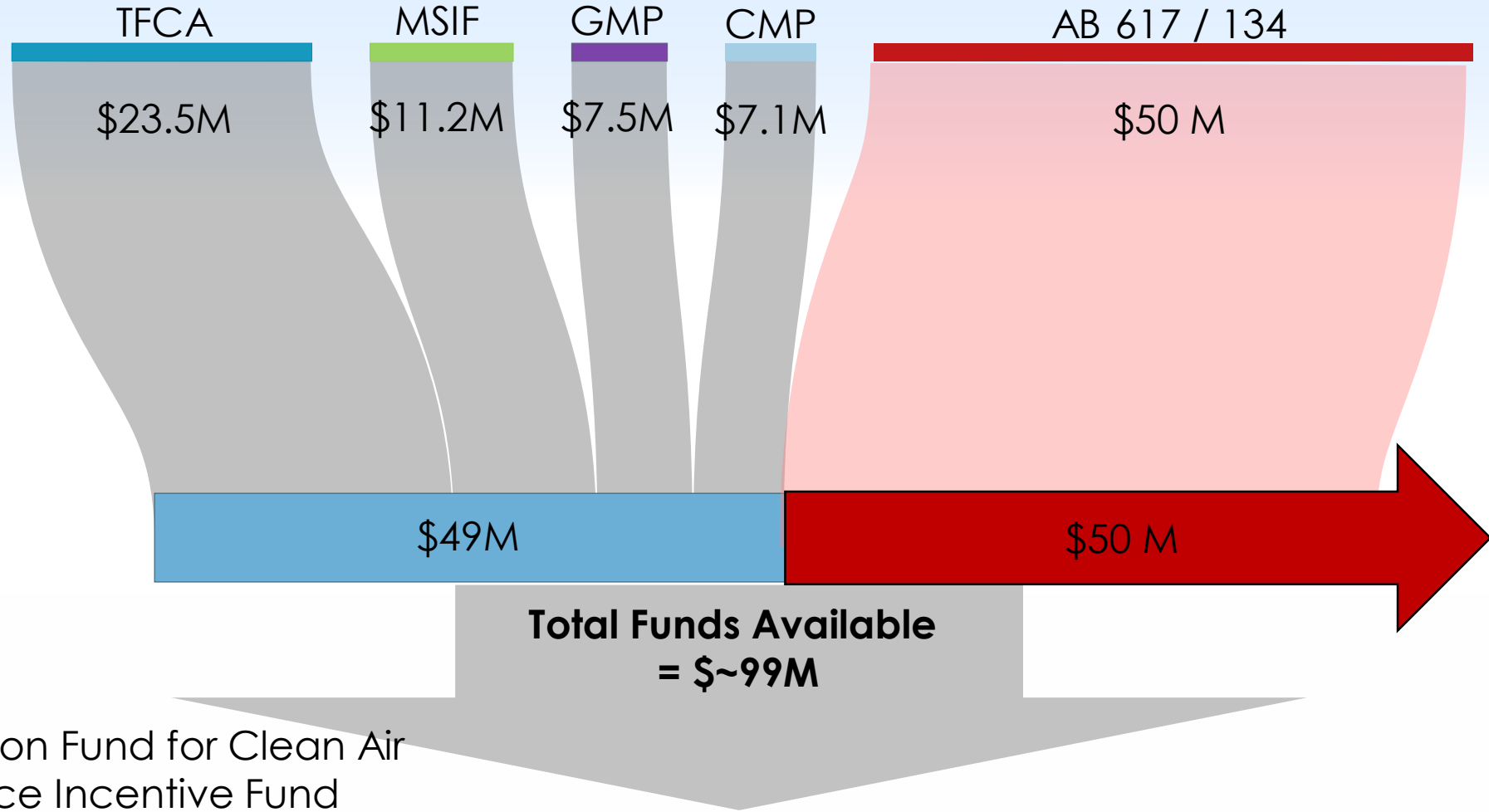


What is the Carl Moyer Program?

- A voluntary grant program -- funds to replace old vehicles and equipment
- Partnership between CARB and air districts
 - CARB sets guidelines, provides oversight
 - Air districts select projects to meet local needs
- Grant amounts based on how much pollution reduced
- Early or extra emission reductions, beyond rule requirements



2018 Bay Area Air District Grant Funding

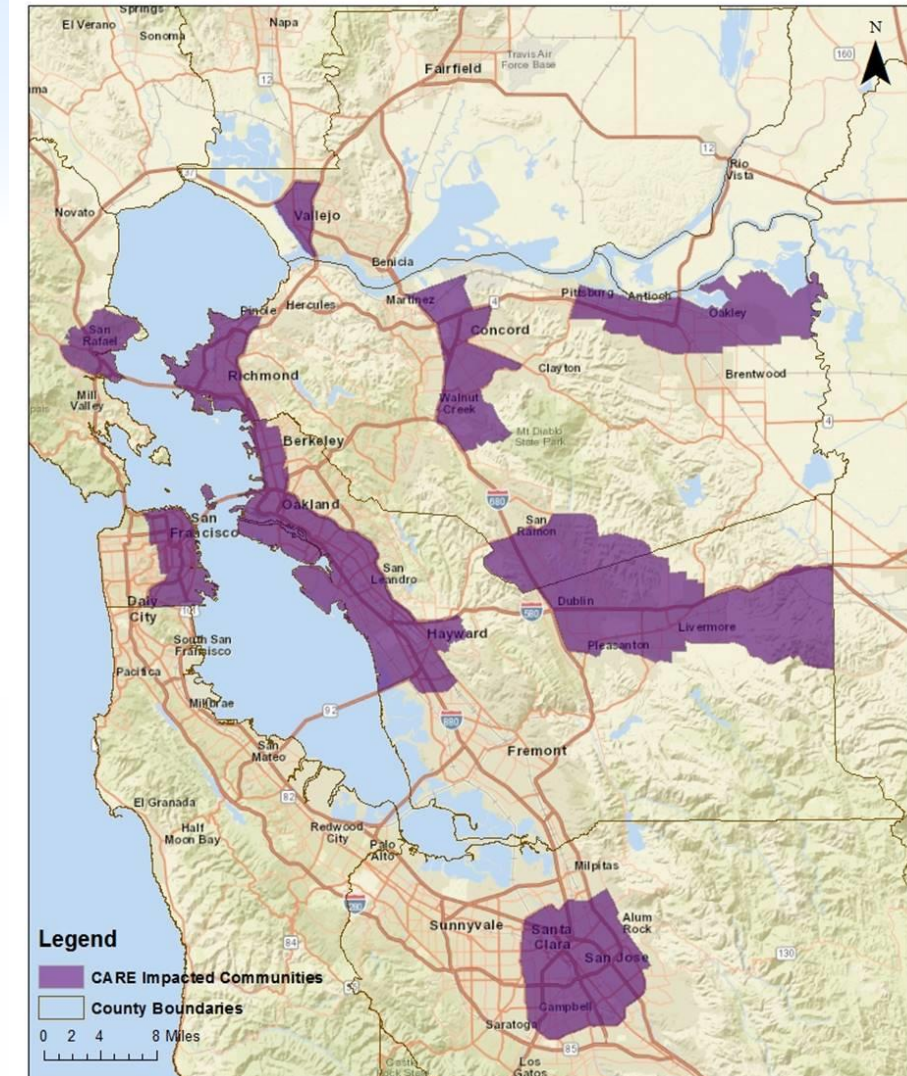


TFCA – Transportation Fund for Clean Air
MSIF – Mobile Source Incentive Fund
GMP – Goods Movement Program
CMP – Carl Moyer Program



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

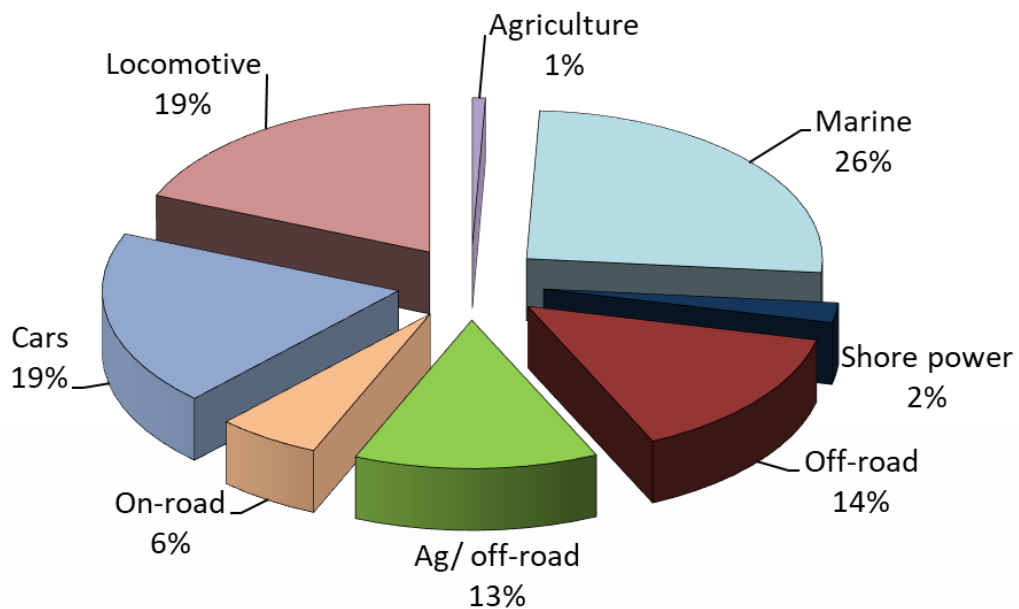




AB 617 Community Health Protection Grant Program Carl Moyer Program in the Bay Area

\$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





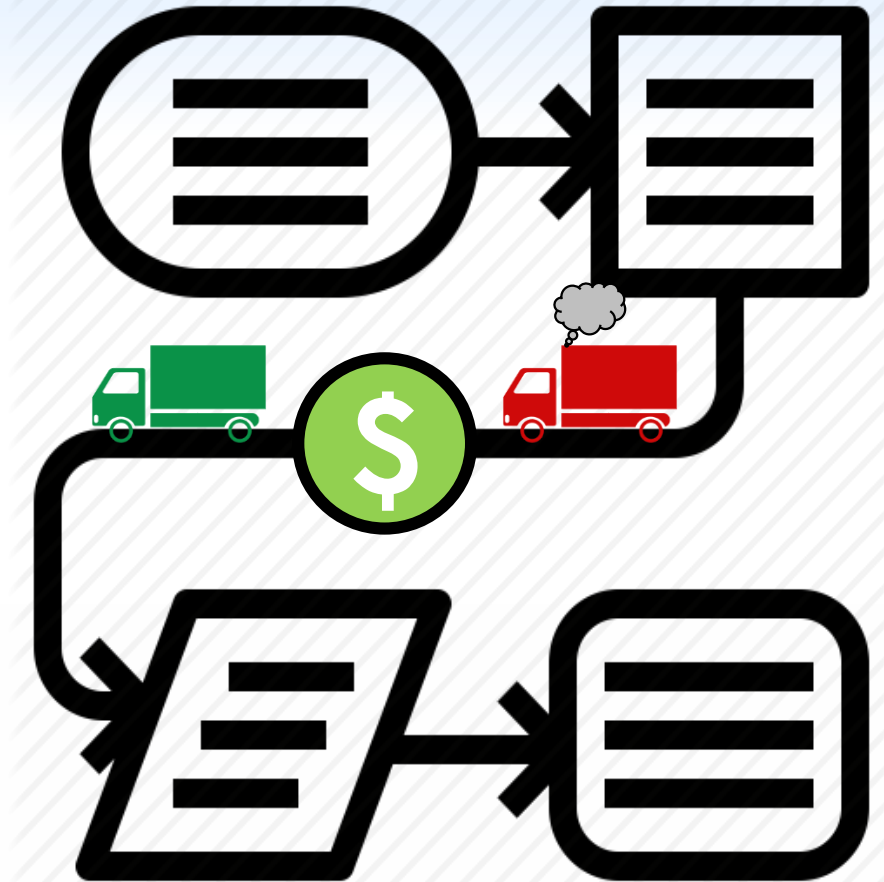
Carl Moyer Program Project Examples

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 (6)	Grant: \$150,550 (14%) Total cost: \$1,029,876	100 % cleaner (0.985 / 0.106 / 0.036)
	Tug boat (2)	Grant: \$735,000 (50%) Total cost: \$1,470,111	70 % cleaner (28.65 / 0.189 / 1.181)



AB 617 Community Health Protection Grant Program Funding Process

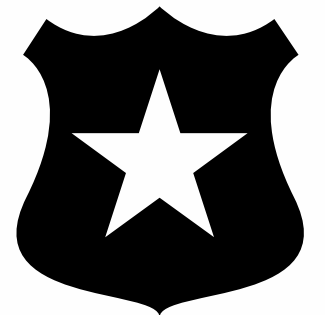
1. Outreach
2. Application submittal
3. Review for eligibility
4. Funding award approved
5. Existing equipment inspected
6. Contract with equipment owner
7. Applicant purchases new equipment
8. New equipment inspected
9. Old equipment destroyed
10. District pays equipment owner
11. Project monitoring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





AB 617 Community Health Protection Grant Program 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

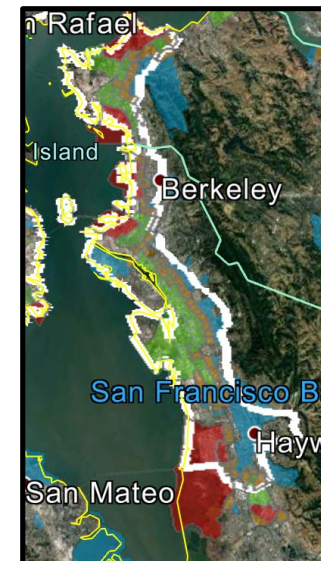




AB 617 Community Health Protection Grant Program

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 including 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





AB 617 Community Health Protection Grant Program Community Engagement

- Information at AB 617 community meetings:
 - **January 31st** – BAAQMD AB 617 meeting, SF
 - **February 26th** – ARB/ BAAQMD CMP workshop, Oakland
 - **March 28th** – BAAQMD AB 617 meeting, San Leandro
- Survey to collect community input
- Community input will help inform the Air District's project outreach and project identification processes



AB 617 Community Health Protection Grant Program Community Survey

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



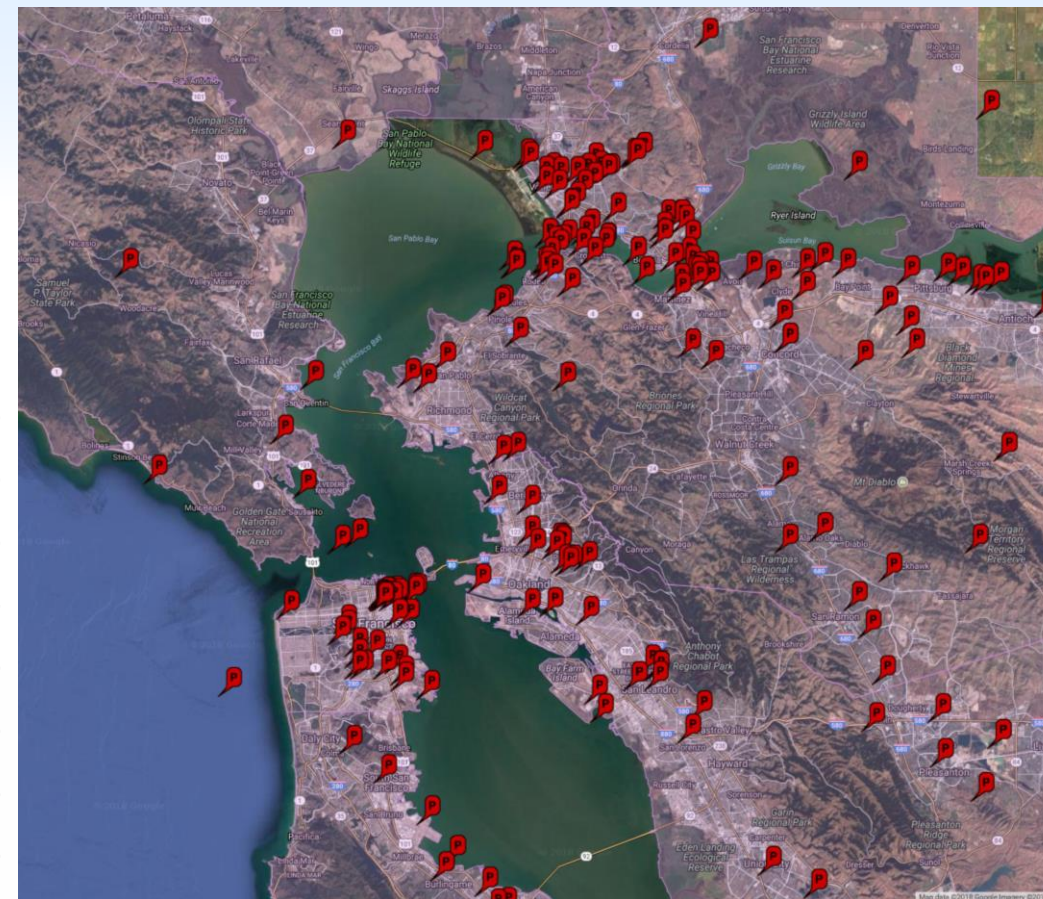
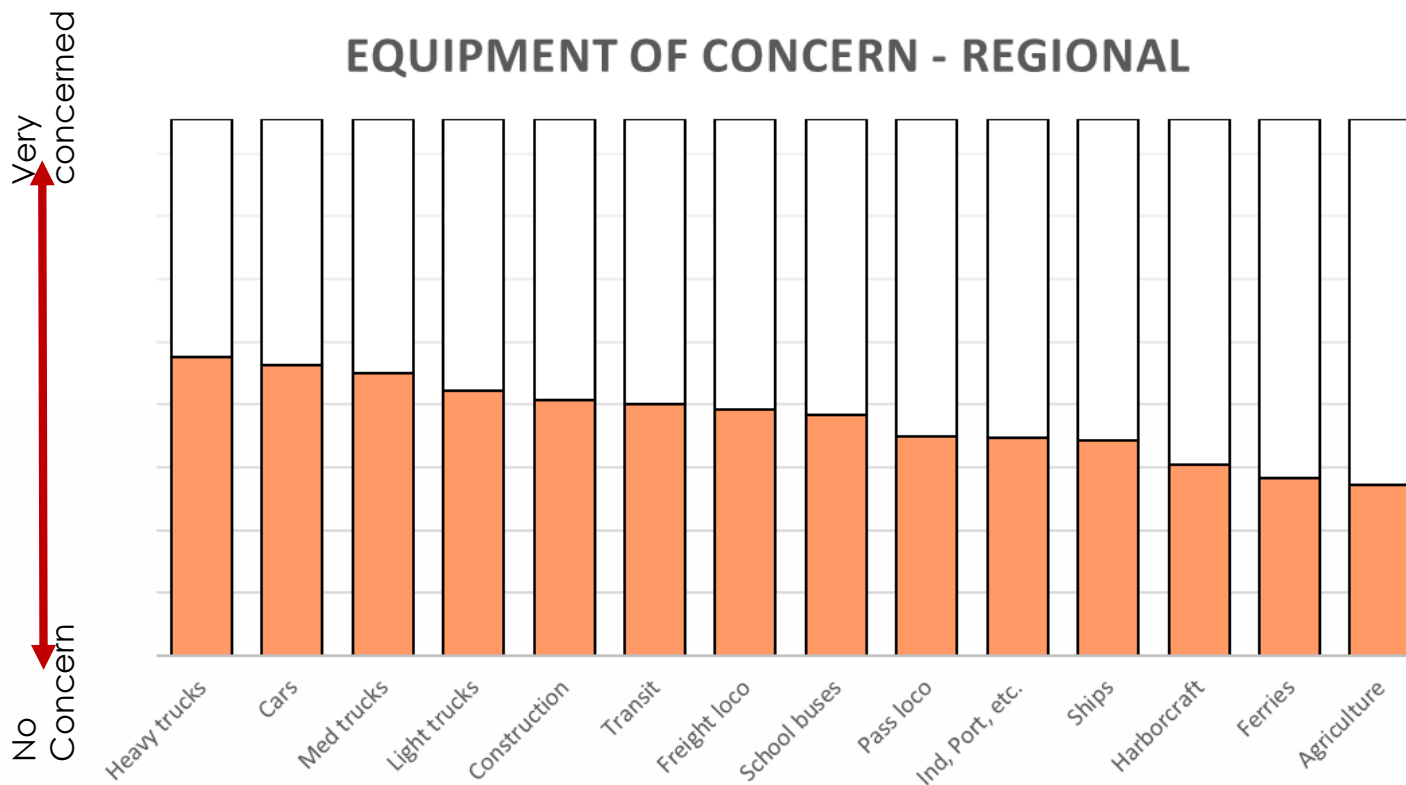


AB 617 Community Health Protection Grant Program Survey Participation To Date

- 430 Responses, ~71+ hours
- 80+ cities



EQUIPMENT OF CONCERN - REGIONAL





Early Actions CARB Community Air Grants Program

- \$5 million available statewide
- Logistical & technical assistance to support CBO efforts related to AB 617
- Applications due to ARB by **April 12th**, awards announced in May

Conceptual Category	Project Examples	Max Grant Amount
Informational	Community and neighborhood level meetings	Up to \$50,000
Participatory	Sensitive receptor assessments	Up to \$150,000
Technical	Community violation reporting systems	Up to \$500,000

Application - <https://ww2.arb.ca.gov/our-work/programs/community-air-protection-program-ab617/community-air-protection-community>



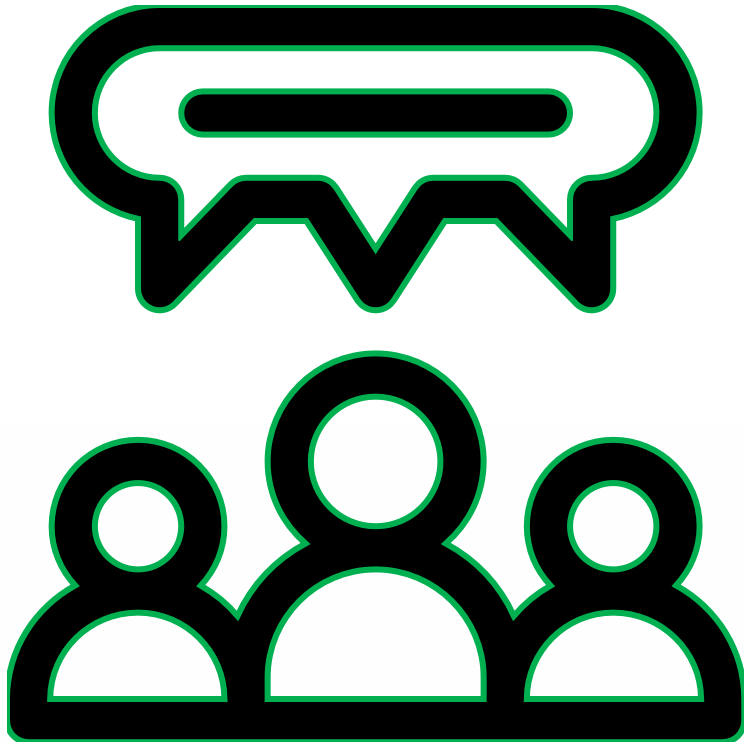
AB 617 Community Health Protection Grant Program

Future funding

- Are there other sources of pollution (beyond mobile sources) that future funds should address?
- Are there other pollution or exposure reduction projects that future funds should support?



Questions & discussion



Anthony Fournier
Air Quality Program Manager
Bay Area Air Quality Management District
afournier@baaqmd.gov
415-749-4961