

Clean Air Funding Programs Update

Board of Directors Santa Barbara County Air Pollution Control District

Our Mission: To protect the people and the environment of Santa Barbara County from the effects of air pollution.

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CLEAN AIR FUNDING PROGRAMS



Carl Moyer Program

Funds to replace farm and construction equipment



Old Car Buy Back

\$1,000 for older vehicles that meet requirements



EV Charging Stations

Funds to purchase and/or install publicly accessible electric vehicle charging stations

OurAir.org
ourair.org/clean-air-funding

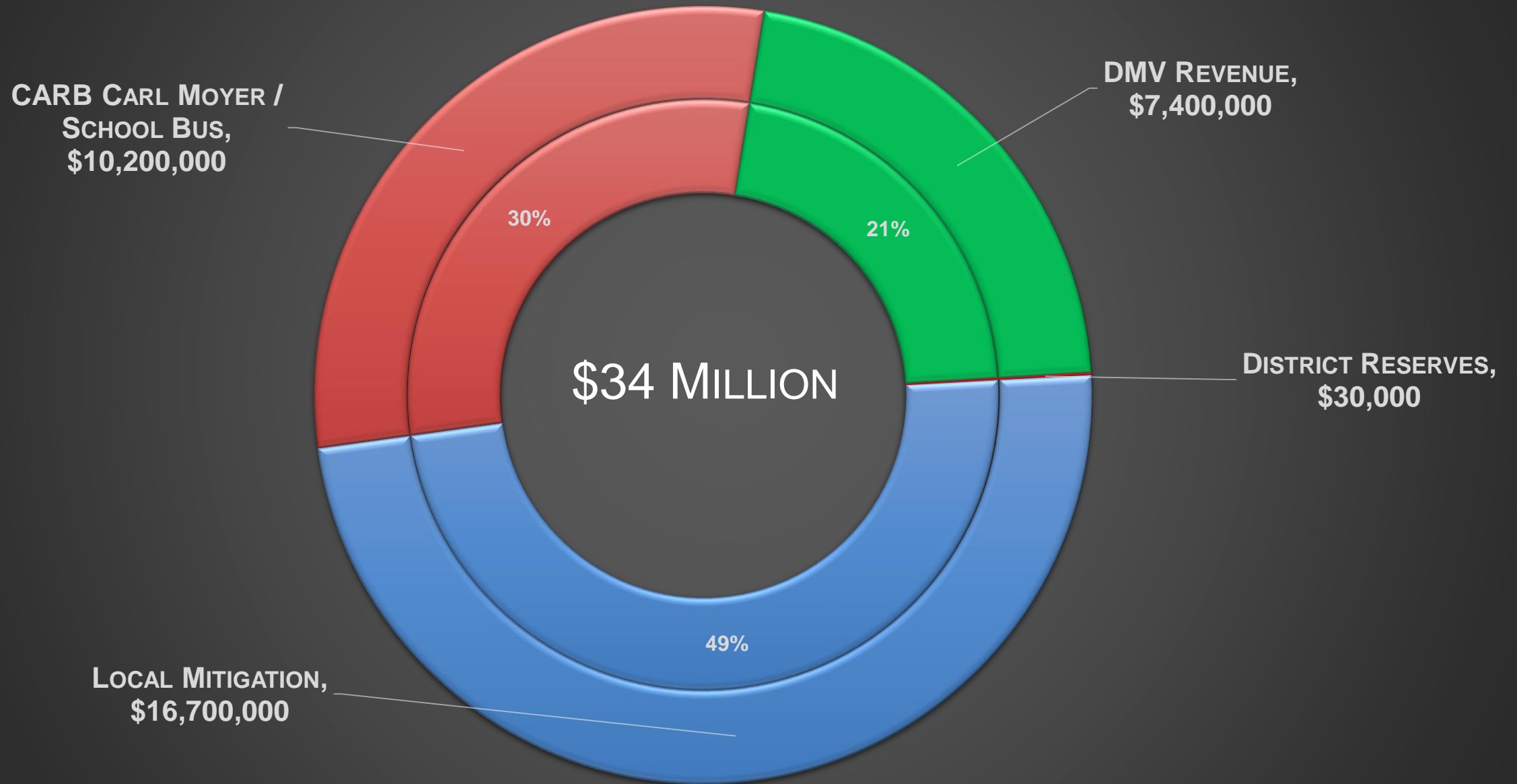
@OurAirSBC

Background

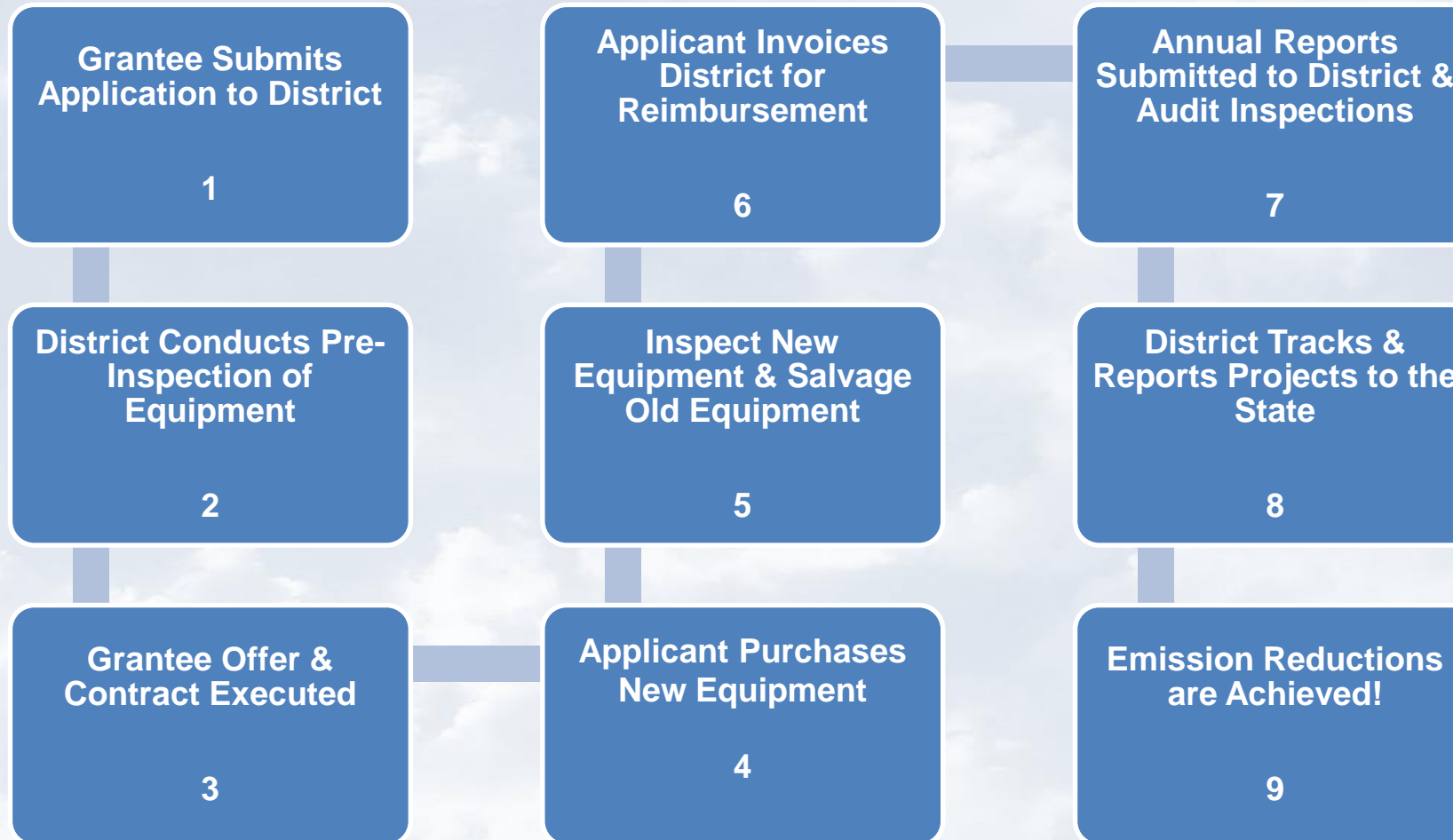
- 30 years of experience managing grants countywide
- Voluntary emission reductions
- Public / private partnerships
- Leveraged almost \$34M in state and local funds
- Secured several thousand tons of emission reductions
- Target mobile sources – significant source of air pollution & outside the District's jurisdiction




30 YEARS OF GRANT FUNDING



Grant Implementation Cycle



Clean Air Funding Programs

1. Carl Moyer Program
2. Lower Emission School Bus Program
3. Old Car Buy Back Program
4. Electric Vehicle Charging Station Program
5. Woodsmoke Reduction Program
6. FARMER Program 
7. Community Air Protection Program 



Carl Moyer Program

- Moyer Funding from CARB since 1998 reducing 1,400 tons
- \$14.5M for 155 projects (Ag, Off-Road, On-Road, and Marine)
 - \$8.7M of district funds | \$5.8M of grantee funds
- Fiscal Year 2017-18: Moyer Year 19 (Regular)
 - \$428,853 for Off-Road ag tractor replacements (7)
 - \$39,822 for a Marine repower
 - \$67,844 administrative funds
- Fiscal Year 2018-19: Moyer Year 20 (Regular and State Reserve)
 - \$553,797 available for projects
 - \$76,359 administrative funds



Fiscal Year 2017-18

Carl Moyer Year 19 State Reserve

- Lompoc Unified School District School Bus Replacement Project
 - Replaced 6 MY1986-1990 diesel-fueled school buses with 5 MY2018 CNG buses and 1 MY2018 diesel bus
 - \$1,052,882 total project cost
 - \$542,478 Carl Moyer State Reserve funds (52%)
 - \$510,404 Lompoc Unified School District funds (48%)
 - \$77,497 administrative funds



Off-Road Equipment Replacement Program

Project Example: Rancho Laguna Farms (Santa Maria)



Marine Diesel Engine Repower Program

Project Example: The Danny C (Santa Barbara)



Lower Emission School Bus Program

- 2001: Board approved participation in CARB's Lower Emission School Bus Program
- \$3.3M in expenditures countywide
- Fiscal Year 2017-18: \$140,000 Orcutt diesel bus replacement
- Fiscal Year 2018-19: \$165,000 budgeted for projects
- Funding primarily from DMV Surcharge Revenue



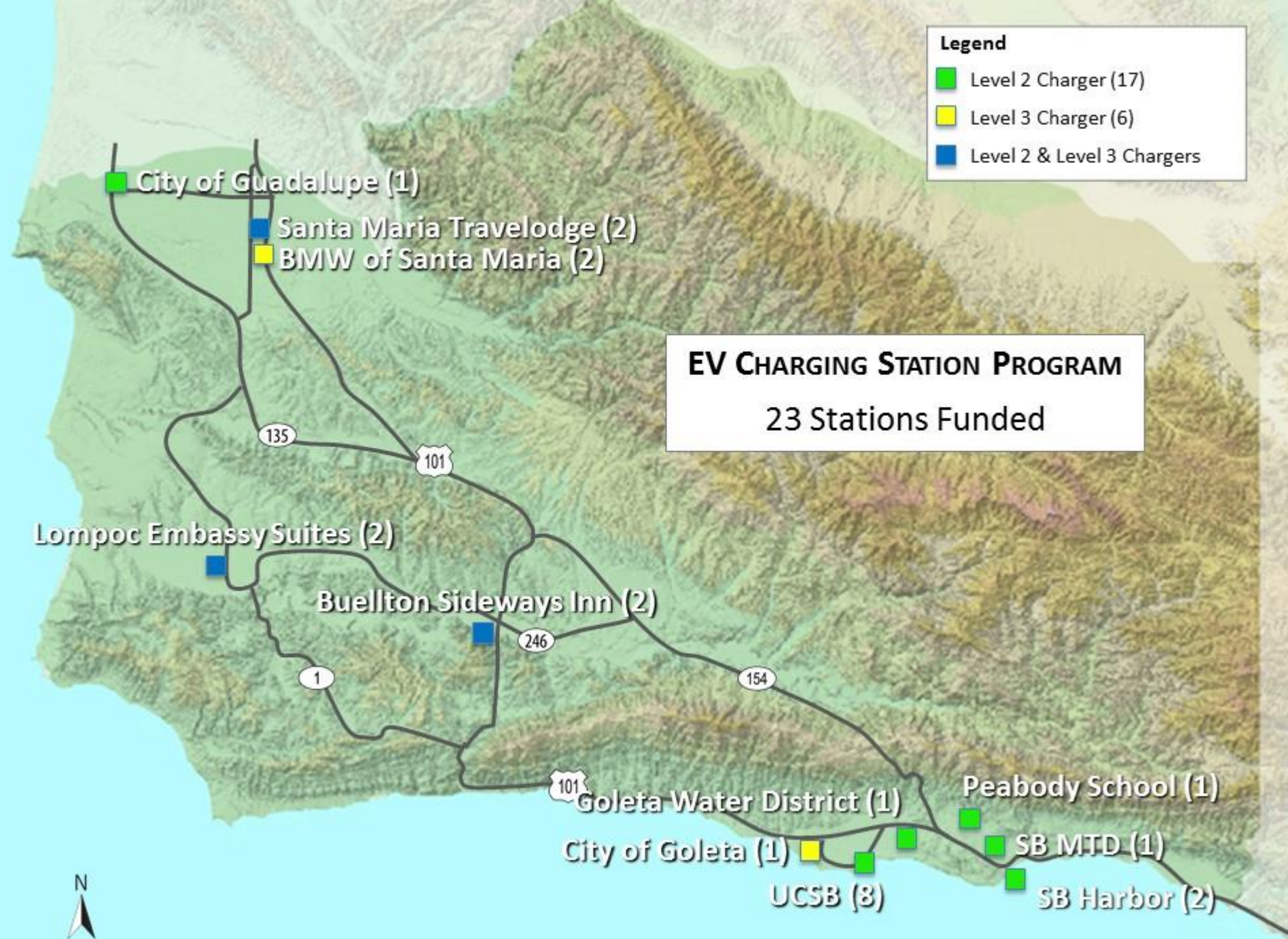
Old Car Buy Back

- Board approved scrap programs starting in 1993
- \$7.9M expended to retire over 6,800 old vehicles
- Three regional dismantlers: Goleta / Lompoc / Santa Maria
- \$1,250/vehicle (\$1,000 to owner; \$250 to dismantler) Model Year 1994 and older
- Fiscal Year 2017-18: \$558,500 expended to scrap 241 cars
- Fiscal Year 2018-19: \$685,000 budget
- Funded primarily from DMV Surcharge Revenue



Electric Vehicle Charging Station Program

- 2011: Board approved program; expended \$215,528 to date
- Fiscal Year 2017-18: \$24,000 expended
 - BMW of Santa Maria Project: \$10,000 for Two (2) Level-3 DC Fast Chargers
 - SBMTD \$4,000 for Level 2 charging station
 - Goleta Water District \$10,000 for Level 2 charging station
- Fiscal Year 2018-19: \$135,000 budget
 - Pending projects with County of Santa Barbara (Camino Del Remedio and Foster Road) and Santa Barbara City College (West Campus)
 - Propose to make funds also available for Private / Nonprofit Multi-Unit Dwellings (20+ units) and seek approval to implement changes at June Board meeting



Woodsmoke Reduction Program

- Board approved pilot program in March 2017
- \$25,000 committed to date on 25 replacement projects approved for \$1,000 each
- Fiscal Year 2018-19: \$250,000 of funding available from CARB
- Program modified to increase funding for low income resident projects
- Seek approval to receive funds at June Board meeting



FY 2017–18 Incentive Program Funding

Program (Funding)	Projects	Program Expenditures	Administrative Expenditures
Carl Moyer (Year 18 Regular)	Ag tractor replacements (6); Marine repowers (2)	\$471,890	\$67,413
Carl Moyer (Year 19 Regular)	Ag tractor replacements (7); Marine repower (1)	\$474,911	\$67,844
Carl Moyer (Year 19 State Reserve)	School bus replacements (6)	\$542,478	\$77,497
School Bus (DMV fees)	School bus replacement (1)	\$140,000	\$8,750
Electric Vehicle Charging Stations (Mitigation fees)	Level-3 charging stations(2); Level-2 charging stations (2)	\$24,000	\$3,120
Old Car Buy Back (DMV fees)	241 cars scrapped	\$558,500	\$41,250
Woodsmoke Reduction (Reserves)	25 replacements	\$25,000	\$0
TOTAL FUNDS		\$2,236,779	\$265,874

FARMER Program



- CARB pilot program for agricultural projects
- Fiscal Year 2018-19:
 - \$583,537 project funds available
 - \$83,363 administrative funds
- Funds primarily for Off-Road Equipment Replacement mobile agriculture projects
 - Examples: agricultural tractor replacements, electric powered utility terrain vehicle replacements
- Seek approval to receive funds at June Board meeting



Community Air Protection Program

- CARB program established by AB 617
- Fund distribution within disadvantaged / low income communities
- Fiscal Year 2018-19:
 - \$614,063 available for projects
 - \$40,938 administrative funds
- Outreach at community events
- Advertising on transit buses
- Surveys conducted in low income communities and online
- Seek approval to receive funds at June Board meeting



www.ourair.org/community-air

Protect Our Air * Proteja Nuestro Aire



Reduce air pollution in your community
 Reduzca la contaminación del aire en su comunidad



STEP 1 Visit / Visite
 PRIMER PASO www.OurAir.org/community-air

STEP 2 Tell us what you think
 SEGUNDO PASO Díganos lo que piensa

STEP 3 Breathe cleaner air
 TERCER PASO Respire aire más limpio

COMMUNITY AIR PROTECTION PROGRAM Outreach Events [April 19th – June 2nd]

Guadalupe Earth Day
Marian Medical Center Earth Day
Santa Maria Elks Rodeo Parade Street Fair

Lompoc Spring Fest

Cottage Hospital Earth Day

**Franklin School Disaster
 Readiness Fair**

Santa Barbara Earth Days

Diesel Exhaust

What's in it

Thousands of gases, vapors, and fine particles with 40 toxins

Why it's harmful

Can be inhaled deep into our lungs, leading to cancer and damage to the immune, neurological, reproductive, and respiratory systems

What we're doing about it

California has laws to reduce diesel exhaust emissions over time

Acting Now: state funding programs, including the Clean Air Act, have provided billions of dollars to help businesses replace dirty engines with clean engines

Cleaner Engines and Infrastructure

Escapes de Diésel!

Qué hay en él

Millones de gases, vapores y partículas con 40 tóxicos

Por qué es perjudicial

Puede ser inhalado hasta lo profundo de nuestros pulmones, causando cáncer y daño a los sistemas inmunológico, neurológico, reproductivo y respiratorio

Lo que estamos haciendo al respecto

California debe leyes para reducir los escapes de diésel a través del tiempo

Actualmente: programas financiados por el estado, incluido el programa Clean Air Act, han proveído cientos de millones de dólares para reemplazar motores sucios con motores limpios

Motores más limpios e infraestructura

Conclusion

- Critical to mobile source reductions
- Public health benefit
- Provides financial benefits
 - County business
 - Government entities
 - Vehicle owners
 - Reduced fuel costs/Long-term savings
- Reinvests funds back into the community



GRANTS FOR CLEAN AIR
WHAT ARE THEY FOR?

Retiring cars & trucks Retrofitting or replacing heavy-duty vehicles Funding EV stations

WHAT ARE THE BENEFITS?

Incentives for cleaner vehicles and engines Clean transportation infrastructure for community

Fuel and energy savings **Cleaner air**

WHERE DOES THE MONEY COME FROM?

DMV surcharges New tire fees Mitigation funds

How do I GET A GRANT?

See: OurAir.org/clean-air-funding

OurAir.org @OurAirSBC