

# Voluntary Clean Air Grant & Incentive Programs Update

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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.

Aeron Arlin Genet  
Director / APCO

Jim Fredrickson/Planning Division Supervisor

May 16, 2019

## 2018 Clean Air Grants



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# Background

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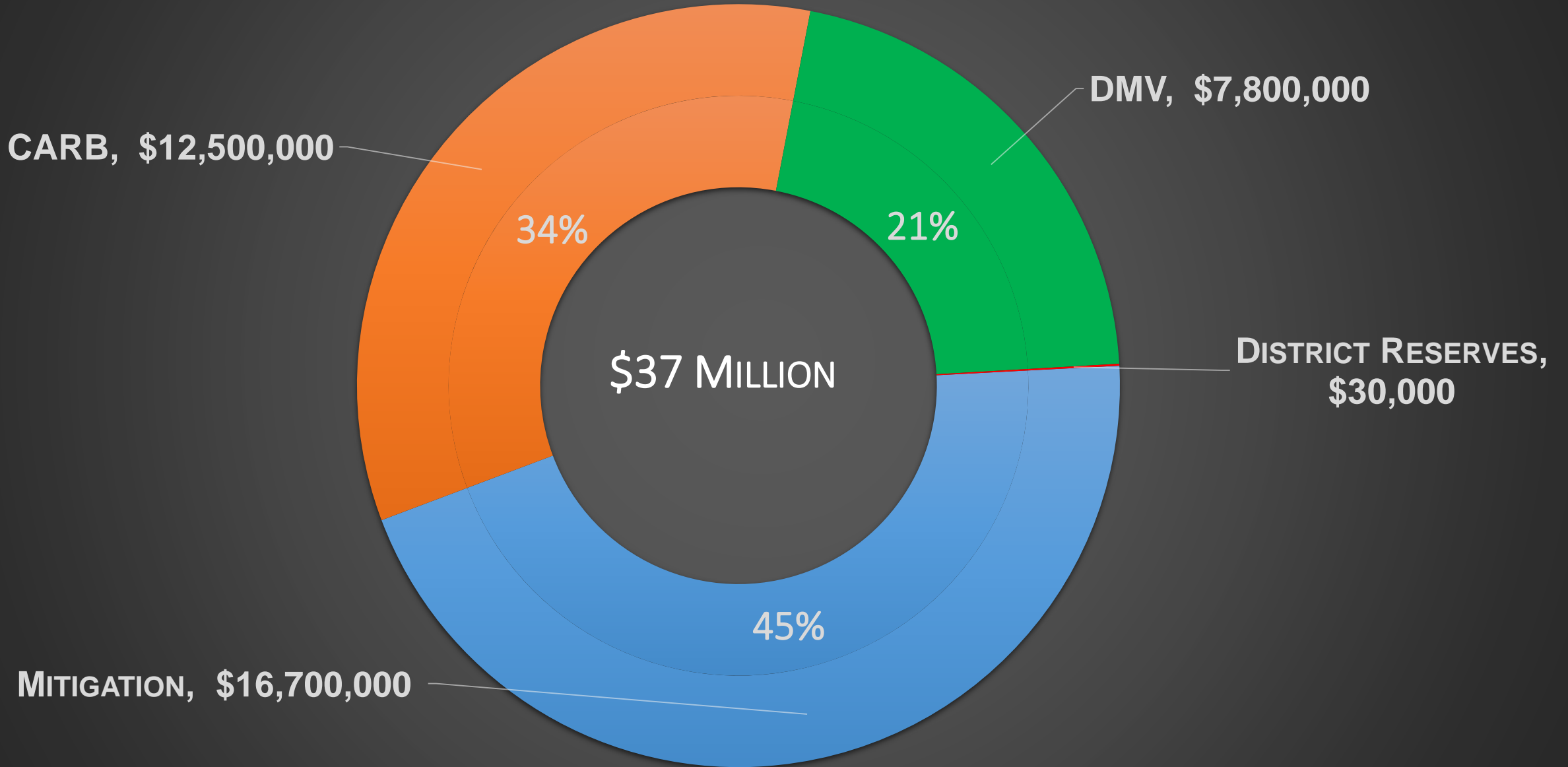
- 31 years of experience managing grants countywide
- Leveraged \$37 million in state and local funds
- Partnerships with public and private entities
- Secured several thousand tons of voluntary emission reductions
- Target mobile sources – outside the District's regulatory authority



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# 31 YEARS OF CLEAN AIR GRANTS



# 2018 Clean Air Grant & Incentive Programs

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1. Carl Moyer
2. FARMER
3. Community Air Protection
4. Voluntary NOx Remediation Measures
5. Lower Emission School Bus
6. Old Car Buy Back
7. Electric Vehicle Charging Stations
8. Woodsmoke Reduction



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# Fiscal Year 2018–19 Clean Air Grant & Incentive Programs

Incentive Program	Projects	Program Expenditures	Program Admin
Carl Moyer	Replaced 5 Ag tractors + 1 Construction loader; Repowered 1 Marine engine	\$517,512	\$146,149
FARMER	Replaced 5 Ag tractors	\$583,538	\$80,235
Community Air Protection	Replaced 6 Ag tractors + 1 School Bus; Repowered 1 Marine engine	\$613,063	\$36,326
Voluntary NOx Remediation	Replaced 1 Ag tractor	\$90,412	\$8,450
Lower Emission School Bus	Replaced 1 School bus	\$125,000	\$26,269
Old Car Buy Back	Scrapped 247 cars	\$308,750	
EV Charging Stations	Installed 8 Level-2 charging stations	\$67,196	\$6,579
Woodsmoke Reduction	Replaced 61 Wood Fireplaces	\$224,000	\$43,771
<b>TOTAL FUNDS</b>		<b>\$2,529,201</b>	<b>\$347,779</b>

# Carl Moyer Program (Year 20)

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- \$9.8 M total grants for 172 projects (Ag/Off-Road/On-Road/Marine)
- Over 1,500 tons of emission reductions
- Fiscal Year 2018-19: \$517,512 committed to projects
  - \$417,512 for six (6) off-road equipment replacements
  - \$100,000 for one (1) marine engine repower
- Fiscal Year 2019-20: \$612,145 budgeted for Year 21 projects



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# FARMER Program (Year 1)

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- Funding Agricultural Replacement Measures for Emission Reductions
- Fund off-road equipment replacement mobile agriculture projects
- \$583,538 total grants for five (5) off-road equipment replacements
- Over 25 tons of emission reductions
- Fiscal Year 2019-20: \$563,560 budgeted for Year 2 projects



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# Community Air Protection Program (Year 1)

- Fund distribution within low income communities
- \$613,063 total grants for eight (8) projects
- Over 53 tons of emission reductions
- Fiscal Year 2018-19: one (1) marine engine repower; one (1) school bus replacement; six (6) off-road equipment replacements, including one (1) co-funded with Voluntary NOx Remediation funds
- Fiscal Year 2019-20: \$1,064,875 budgeted for Year 2 projects
- Seek Board approval for Year 2 funds in June



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# Community Air Protection Projects: Year 1



# Voluntary NOx Remediation Measures Program

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- CARB mitigation funds in response to increased NOx emissions from biodiesel as part of CARB's Low Carbon Fuel Standard regulation
- \$379,510 total cost for one (1) off-road mobile ag equipment replacement project co-funded with Community Air Protection (CAP) funds
  - \$90,142 Voluntary NOx funds + \$59,858 CAP Funds
  - Over 16 tons of emission reductions



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# Lower Emission School Bus Program (Year 18)

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- \$3.4M in grant funds for 73 projects
  - 35 school bus replacements | 33 school bus retrofits
  - Four (4) CNG fuel tank replacements | One (1) CNG fuel hose replacement
- Fiscal Year 2018-19:
  - \$125,000 DMV Surcharge funds for Orcutt diesel bus replacement
- Fiscal Year 2019-20: \$300,000 budgeted for projects



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# Old Car Buy Back Program (Year 20)

- \$7.8M in DMV Surcharge funds expended to retire 7,386 old vehicles
- 960 tons of emission reductions
- Three regional dismantlers: Goleta / Lompoc / Santa Maria
- \$1,250/vehicle (\$1,000 to owner; \$250 to dismantler)
- Model Year 1995 and older
- Fiscal Year 2018-19: \$308,750 expended to scrap 247 cars
- Fiscal Year 2019-20: \$700,000 budget

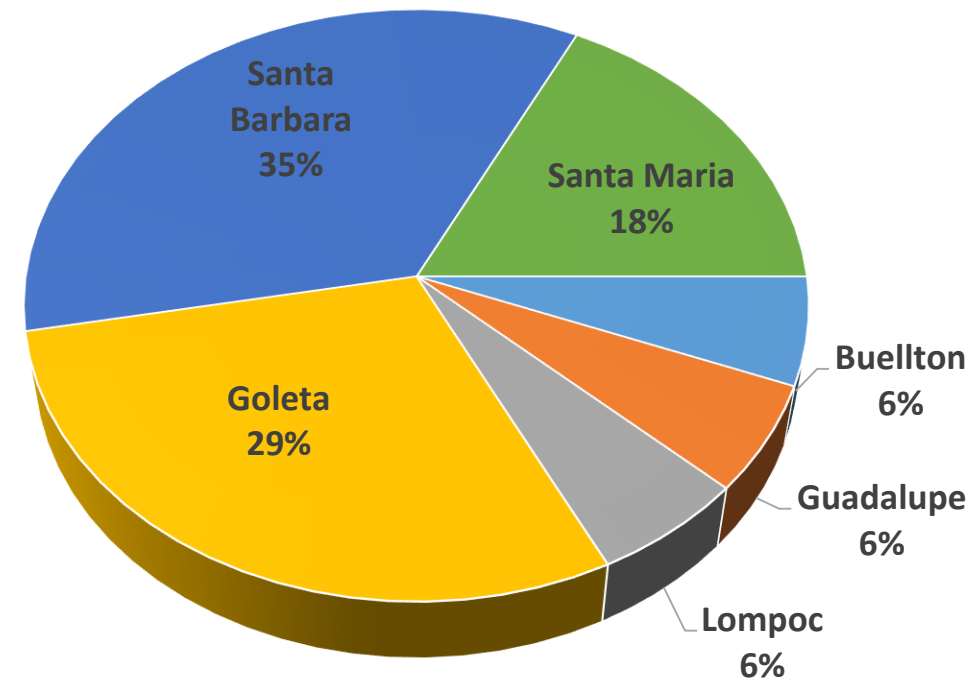


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# Electric Vehicle Charging Station Program (Year 8)

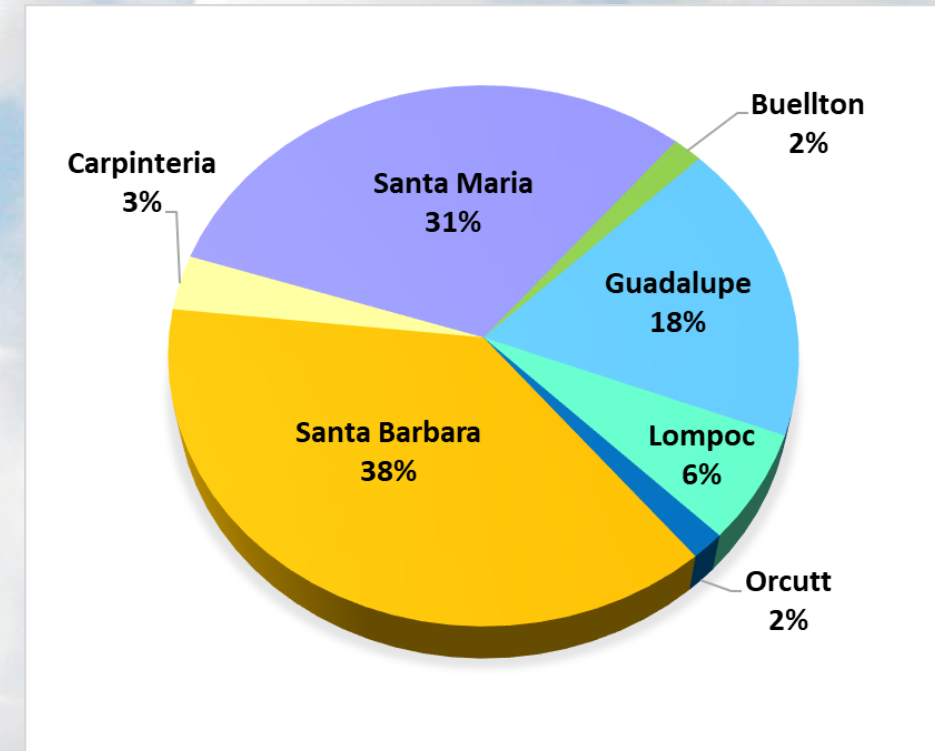
- \$282,137 total grants for 17 projects
- Fiscal Year 2018-19: \$67,196 committed to projects
- Fiscal Year 2019-20: \$100,000 budget
  - Public entities and any Multi-Unit Dwellings (20+ units)
  - Possibly seek future board approval to implement additional changes



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# Woodsmoke Reduction Program (Year 1)

- \$224,000 of vouchers issued and committed to 61 projects
- \$180,000 total grants for 44 completed projects
- Fiscal Year 2019-20: \$250,000 CARB funds set as placeholder in budget
- Seek approval to receive Year 2 funds at August Board meeting



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# Fiscal Year 2019–20 Clean Air Grant & Incentive Programs

Incentive Program	Program Budget	Project Budget	Admin Budget
Carl Moyer	\$701,225	\$612,145	\$89,080
FARMER	\$644,069	\$563,560	\$80,509
Community Air Protection	\$1,217,000	\$1,064,875	\$152,125
Lower Emission School Bus	\$1,062,500	\$300,000	\$62,500
Old Car Buy Back		\$700,000	
EV Charging Stations	\$100,000	\$100,000	
Woodsmoke Reduction	\$250,000	\$225,000	\$23,750
<b>TOTAL FUNDS</b>	<b>\$3,974,794</b>	<b>\$3,565,580</b>	<b>\$407,964</b>

# Conclusion

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



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**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](http://OurAir.org/clean-air-funding)

[OurAir.org](http://OurAir.org)    @OurAirSBC



# Questions?

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