



**El Dorado County
Air Quality Management District**

**Operations Overview and
2021/2022 Proposed Budget**

AQMD works to improve air quality
and quality of life
for El Dorado County residents

Regulatory Program Implementation to Ensure Compliance with Emissions Control Requirements

- Stationary Sources
- Portable Equipment
- Construction Site Dust
- Residential Burning
- Prescribed Burning



Incentivizing Emission Reductions from Area and Mobile Sources

- Woodstove Replacement Incentive
- Electric Vehicle Incentive
- Electric Vehicle Charging Infrastructure
- Electric Lawn Mower Incentive
- School Buses, Trucks and Equipment
- Motor Vehicle Emission Reduction Projects



Grants	Projects	21/22 Appropriation
Targeted Airshed Grant	Wood Stoves (west EDC) and Paving	\$423,577
AB 617 CAP	Wood Stoves (low income east EDC) Sensors	\$50,000
ARB: Subvention	Wood Stoves (standard \$ east EDC)	\$95,687
ARB: Cap & Trade Proceeds (For El Dorado, Placer & Amador)	Wood Stoves – Remainder of Round 2 of State Funding	\$125,000
SB 1260/SB 690	Prescribed Fire	\$38,383
AB 2766	Shuttles, Charging Stations, EVs, PHEVs, Vehicle Emission Projects	\$1,386,804
AB 923	School Buses, eligible engine/vehicle replacement, EV charging stations	\$1,770,000
ARB: Carl Moyer	Diesel engines, eligible school and transit buses, lawn mowers	\$1,143,500
ARB: FARMER	Agricultural off road equipment	\$135,000

Challenges	Actions	Emission Reduction Progress
Wildfire Smoke	<p>Prescribed Burn Acres</p> <p>2016: 10,810 requested 5,349 burned</p> <p>2017: 15,171 requested 6,169 burned</p> <p>2018: 9,122 requested 4,630 burned</p> <p>2019: 9,712 requested 4,797 burned</p> <p>2020: 6,044 requested 3,935 burned</p>	<p>Prescribed PM 1,564 tons/acre</p> <p>Wildfire PM 3,129 tons/acre</p>
Residential Burning Smoke	Implemented burn violators training course, patrol and 24/7 complaint response	Reduced illegal materials burning and burning on unfavorable days.
Wood Stove Smoke	To date 1,394 old uncertified wood stoves have been replaced with cleaner appliances.	<p>PM 58 tons/year</p> <p>NOx 1 tons/year</p> <p>CO 202 tons/year</p> <p>GHG 6,083 tons/year</p>
Asbestos and Fugitive Dust	2020: 490 plans processed and approved. Inspections, Sampling and Patrol.	TSP 1.2 tons/acre/mo
Heavy Duty Diesel Vehicles	To date 215 diesel vehicles and equipment replaced with cleaner burning engines.	<p>PM 10 tons/year</p> <p>NOx 84 tons/year</p>



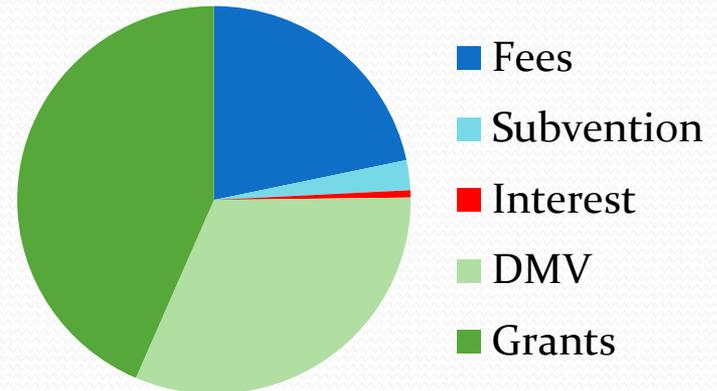
Challenges	Actions	Emission Reduction Progress
School Buses and other Heavy Duty	66 Buses Replaced/Retrofitted Ag Equipment Replaced	PM 0.12 tons/year NOx 3.23 tons/year
Drive Clean Light Duty Vehicles ICE to EV	406 Electric Vehicles 161 Plugin Hybrid Electric Vehicles 2 Hydrogen Fuel Cell Vehicles 20 EV & PHEV for County Fleet	PM <1 ton/year NOx 3.4 tons/year CO 44 tons/year GHG 1,843 tons/year <i>13.8M emission-free miles since start</i>
EVSE – Electric Vehicle Supply Equipment	8 EVSE 2013 ~200 EVSE 2021 72 funded by AQMD	Indirect
Projects for Motor Vehicle Emission Reduction	Shuttles, Vehicle Replacements, Transit Fares, Sidewalks, Bike Paths, Video Conferencing, Public Education...	Varies
Lawn Mower Emissions (CLIP)	605 replacements as since program initiated on 4/2/18.	PM <1 ton/year NOx <1 ton/year



FY2021/2022 Proposed Budget

- Total \$8.37M
 - Fund Balance \$4.62M, Revenue \$3.75M
- Net County Cost remains \$0
- Revenue:
 - Fees - 21.7%
 - Subvention – 2.5%
 - Interest Earned – 0.6%
 - Vehicle Registration – 31.7%
 - Grants and State Programs – 43.5%
- Expenditures:
 - 9 FTE Salary & Benefits – 16.3%
 - Other Operations Costs – 9.9%
 - Incentive/Grant Programs – 73.8%

Revenue



Expenditures

