



Air Pollution Control District
San Luis Obispo County

COMMUNITY AIR PROTECTION GRANT WORKSHOP

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

COMMUNITY AIR PROTECTION PROGRAM (CAP)

- ▶ CAP - Assembly Bill 617 (AB 617)
 - ▶ Many components including:
 - ▶ Community-focused action planning
 - ▶ Reduced exposure to air pollution w/ primary focus on disadvantaged and low-income communities
 - ▶ Improved air quality and public health Statewide
 - ▶ Funding to clean up mobile source diesel engines



COMMUNITY AIR PROTECTION PROGRAM

- ▶ AB 617 – 2018 ARB Community Selection
 - ▶ CalEnviroScreen 3.0
 - ▶ Initial screening tool to identify communities that are considered highly burdened
 - ▶ No qualifying communities in SLO County
 - ▶ Air Districts can recommend communities to ARB based on other data & local knowledge
 - ▶ Communities can self-recommend (Oceano)



COMMUNITY AIR PROTECTION PROGRAM

▶ AB 617 – Community Assistance Grants

- ▶ \$5M – FY17/18: Legislature allocated Cap-and Trade funds
 - Statewide: Applications deadline was in April
- ▶ Eligibility:
 - ▶ 501(c)(3) organization / Tribe / faith-based organization
- ▶ Project Categories:
 - ▶ General community outreach for AB617 awareness (\$50K)
 - ▶ Community participation in AB617 plans/strategies/etc. (\$150K)
 - ▶ AB617 support for community driven projects (\$500K)



COMMUNITY AIR PROTECTION PROGRAM

▶ AB 617 – CAP Implementation

- ▶ \$27M (\$s from AB109 for FY17/18) – Statewide for Implementation by Air Districts
 - ▶ Community outreach
 - ▶ Community air monitoring systems
 - ▶ Fence-line monitoring of toxic sources
 - ▶ Developing community emissions reduction programs
 - ▶ \$46K for SLOCAPCD



COMMUNITY AIR PROTECTION PROGRAM

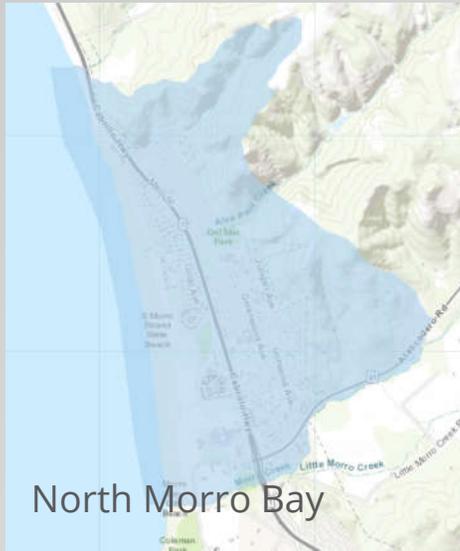
▶ AB 617 – CAP Funds

- ▶ \$250M (AB134 funded for FY17/18) – For Statewide implementation by Air Districts
- ▶ 80% for CA Disadvantaged (SB535) and/or Low-income communities
- ▶ Primarily for mobile source clean-up & infrastructure using Carl Moyer incentive program guidelines
- ▶ \$614K for SLO County projects
- ▶ We are seeking community input on APCD proposed projects



TARGETED LOW-INCOME COMMUNITIES

- ▶ Census tracts defined by AB1550



North Morro Bay



Los Osos



Paso Robles

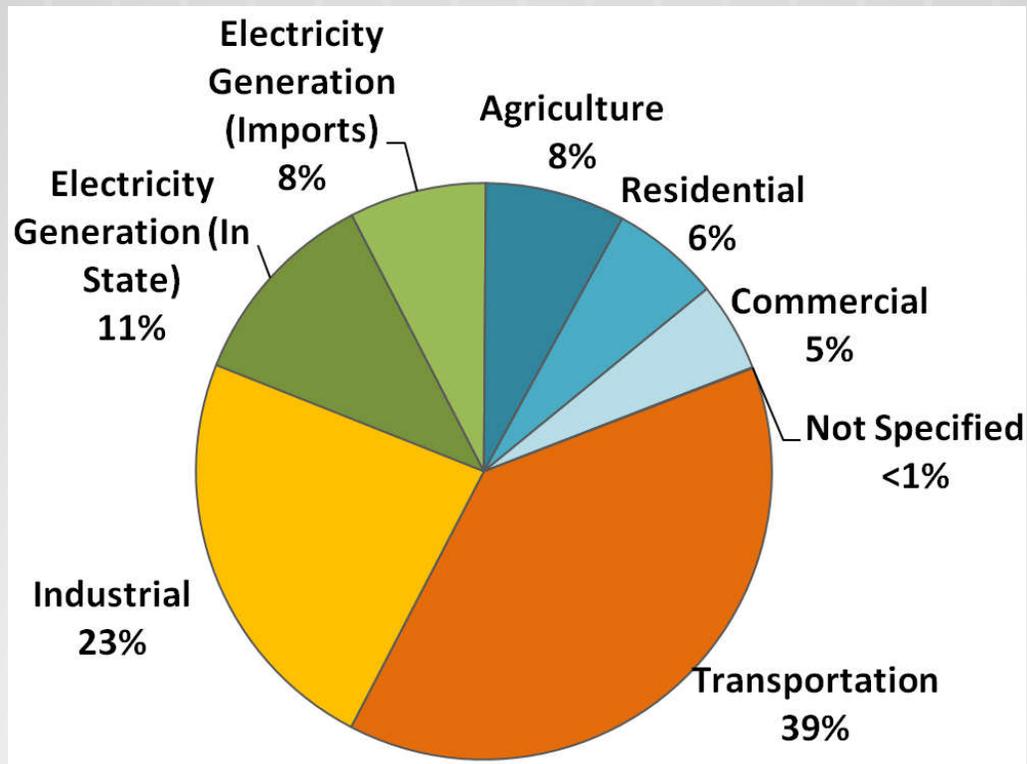


Oceano



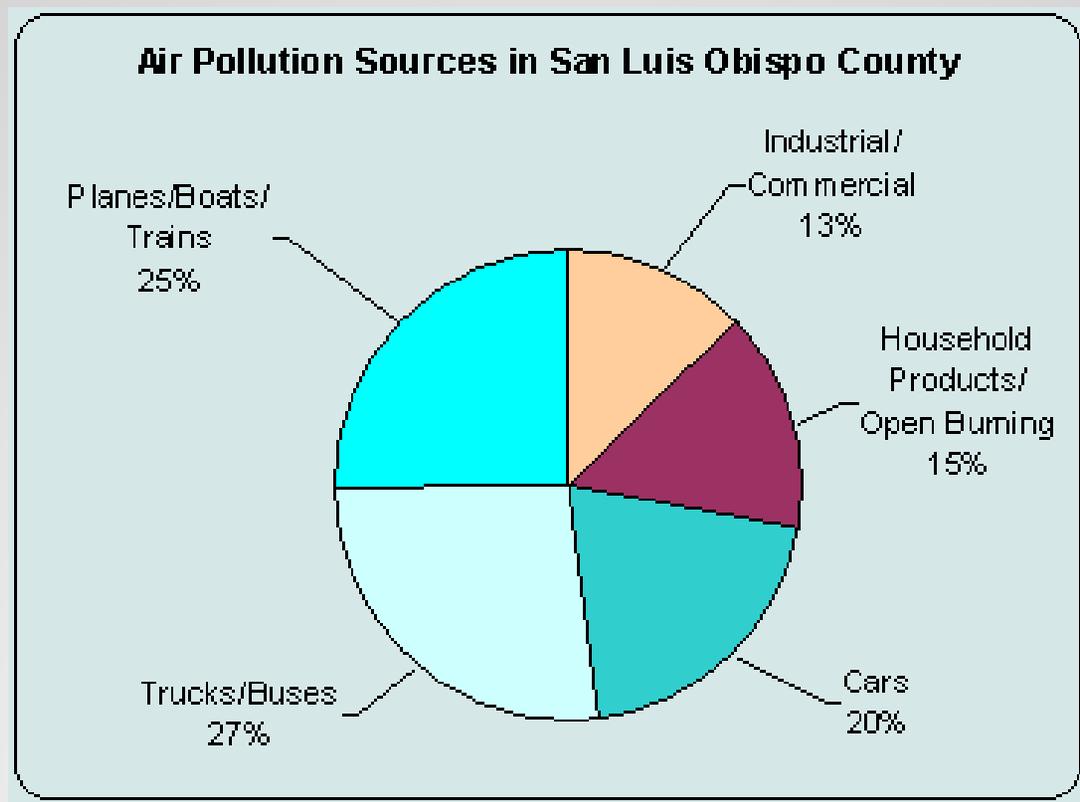
San Luis Obispo

STATEWIDE SOURCES OF GREENHOUSE GAS EMISSIONS



2015 Total CA Emissions: 440.4 MMTCO₂e

LOCAL SOURCES OF CRITERIA POLLUTANT EMISSIONS



LOCAL SOURCES OF AIR POLLUTION

- ▶ Transportation sector is the single largest producer of air pollution locally
- ▶ Pollution levels are higher near freeways and heavily-traveled roads
- ▶ Besides on-road vehicles, other sources of diesel emissions and particulate include construction and agriculture equipment



POTENTIAL PROJECTS FOR AB 617 & OTHER APCD GRANT FUNDING

- ▶ Show promise of cost-effective emission reduction or
- ▶ Promote near zero or zero emission technologies
- ▶ Recommended projects fit within the current APCD grant categories and administrative structure
- ▶ We are seeking community input for additional ideas for local emission reductions



APCD RECOMMENDED POTENTIAL PROJECTS

- ▶ Electric school buses
 - ▶ Atascadero
 - ▶ Paso Robles
 - ▶ Coast Unified Cambria
 - ▶ SLO County Office of Education
- ▶ SoCoTransit electric bus
 - ▶ Route 27/28 servicing Oceano, Grover Beach and Arroyo Grande
- ▶ Electric vehicle charging stations
 - ▶ City of Paso Robles
- ▶ Near-zero emission CNG waste haulers
 - ▶ Paso Robles
 - ▶ SLO
- ▶ Ag equipment replacement in the Oceano area
 - ▶ Clean diesel ag projects
- ▶ Alt fuel stations
 - ▶ CNG / hydrogen
- ▶ Other eligible emission reduction projects?



CARL MOYER GRANT PROGRAM

- ▶ Funding focus: Alleviate smog-forming & cancer-causing diesel emissions
- ▶ Modernize equipment: Replaces existing diesel engines and equipment with cleaner technologies
- ▶ Who can apply: Available to businesses, individuals & government
- ▶ Since 1999 SLOCAPCD Grant Programs have:
 - Funded **hundreds of local projects**
 - **Infused over \$21 million into our local economy**



ZERO-EMISSION SCHOOL BUSES

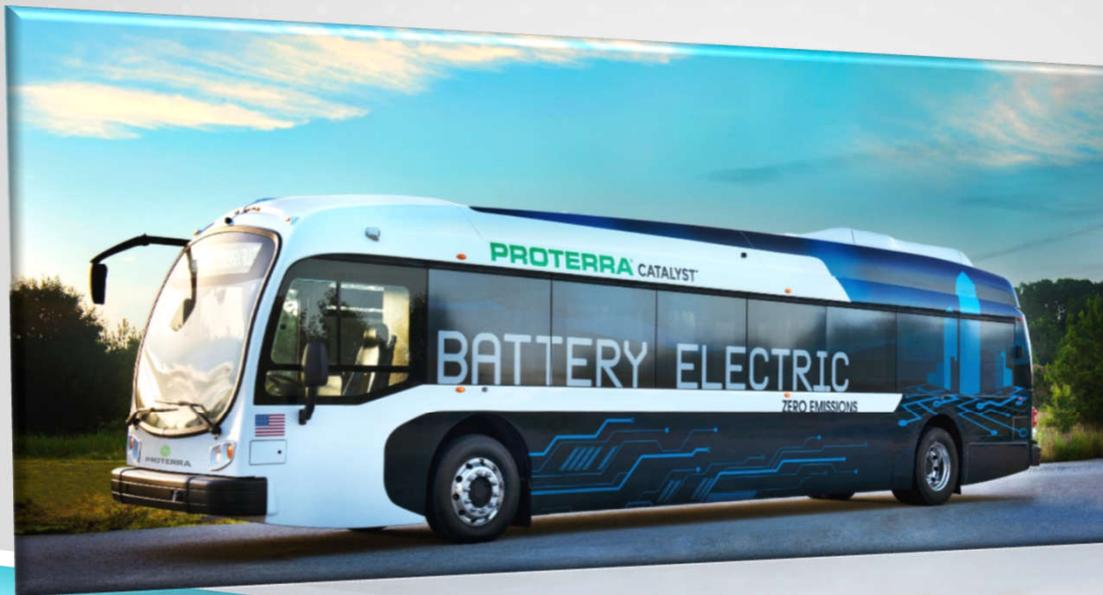
- ▶ Primary goal: Reduce school children's exposure to cancer-causing & smog-forming pollution
- ▶ Health effects: Diesel is a toxic air contaminant and any amount could cause adverse health impacts
- ▶ Bus soot and gases emissions can cause:
 - ▶ Diesel contains more than 40 cancer-causing substances
 - ▶ Acute eye, throat and bronchial irritation
 - ▶ Exacerbation of asthma and allergies
 - ▶ Potential interference with lung development in children
- ▶ Bus emissions: Diesel exhaust emissions can concentrate inside buses & where they idle
- ▶ **Electric buses**: Provide safe, quiet, efficient student transportation with **zero emissions and no diesel health impacts**





ZERO-EMISSION TRANSIT BUS

- ▶ Currently in use in many cities and towns in the U.S. and world wide
- ▶ Quiet; odor and emission-free



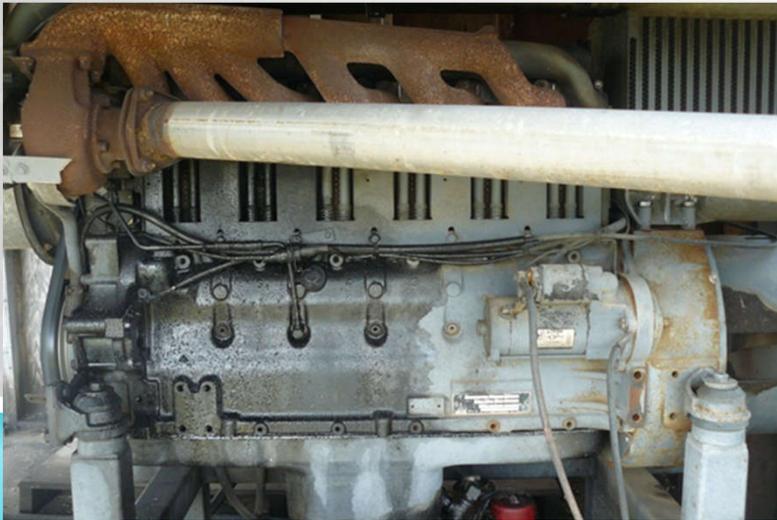
NEAR-ZERO EMISSION WASTE HAULERS

- ▶ Powered by clean-burning natural gas
- ▶ Emission levels are 90% cleaner than the current clean-diesel standards



AGRICULTURAL ENGINES

- ▶ Replacement of ag tractors, ag trucks, heavy forklifts and other mobile equipment
- ▶ Electrification of irrigation engines



ALT FUEL & EV CHARGING STATIONS



QUESTIONS, COMMENTS, SUGGESTIONS

- ▶ Suggestions for other local diesel replacement projects
- ▶ Suggestions for businesses, individuals, government agencies w/ potential projects for APCD to contact





Air Pollution Control District
San Luis Obispo County

www.slocleanair.org

SLOCAPCD Grant Website

www.slocleanair.org/community/grants.php

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COMMUNITY AIR PROTECTION GRANTS

- ▶ Statewide program of the California Air Resources Board (CARB)
- ▶ Administered locally by SLO County APCD
- ▶ Aligns with other APCD grant programs (i.e. Carl Moyer) to facilitate integrated planning and expedite action

