



Mojave Desert AQMD

Community Air Protection Program

AB 617 — 2023 Update

Presenters:

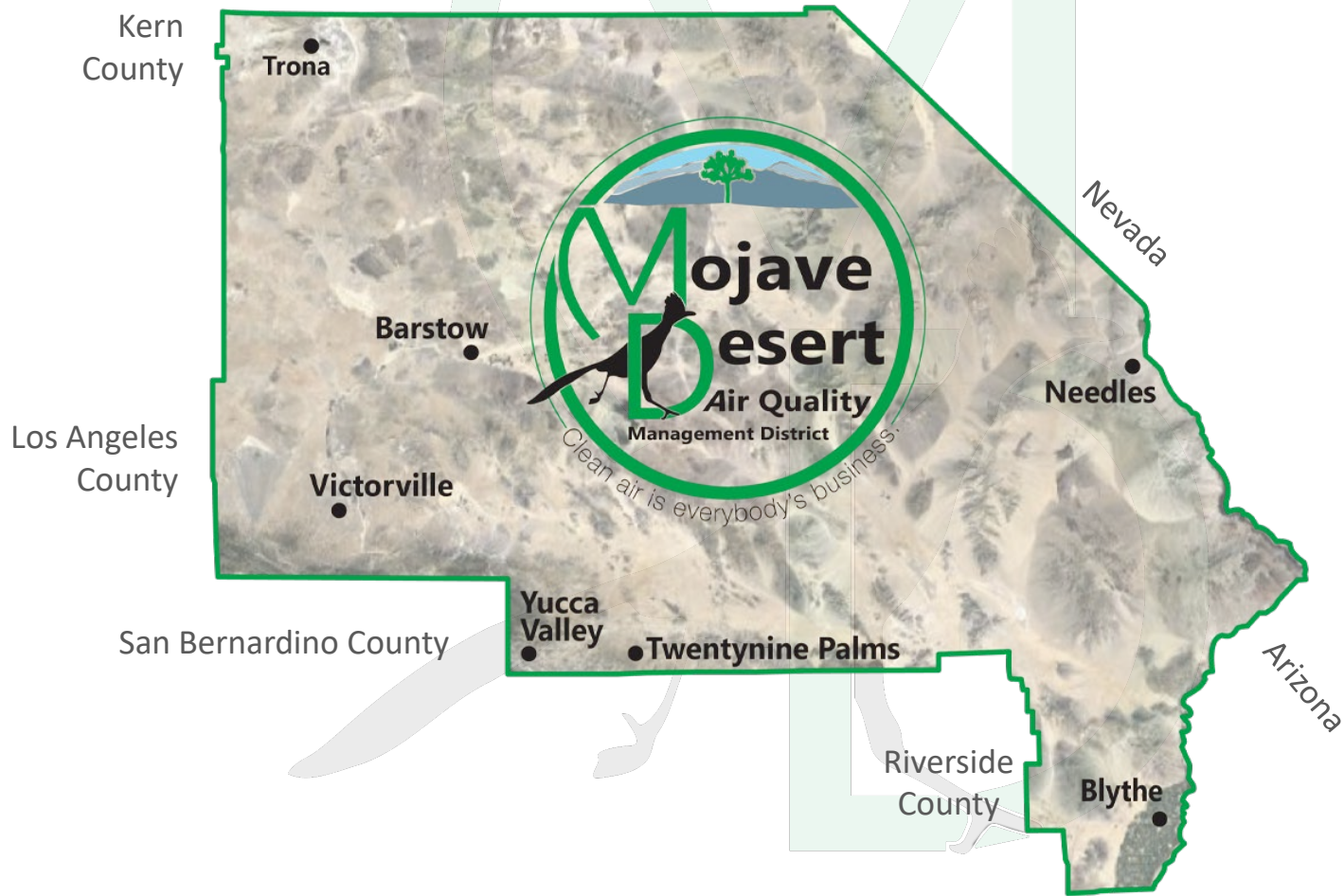
- Alan De Salvio, *Deputy Air Pollution Control Officer*
- Jorge Camacho, *Support Services Supervisor I*
- Truong Tran, *Grants Specialist*

August 23, 2023



Community Air Protection program

Our jurisdiction



Community Air Protection program

Motivation for AB 617

- Historical focus on regional air quality
- Significant improvement, but disproportionate burdens remain
- Need for community-level focus
- Address cumulative exposure
- Take advantage of advances in monitoring technologies



Community Air Protection program Focus on Community Action

- Community-level air quality monitoring
- Community emissions reduction programs
- Accelerated retrofit of pollution controls on industrial facilities
- Enhanced emissions reporting requirements
- Increased penalty provisions for polluters
- Grants to local community groups

Community
focused
framework



Community Air Protection program Joint Implementation of Program Elements

- Monitoring
- Emissions
- Funding
- Emissions Reduction Programs



Community Air Protection program

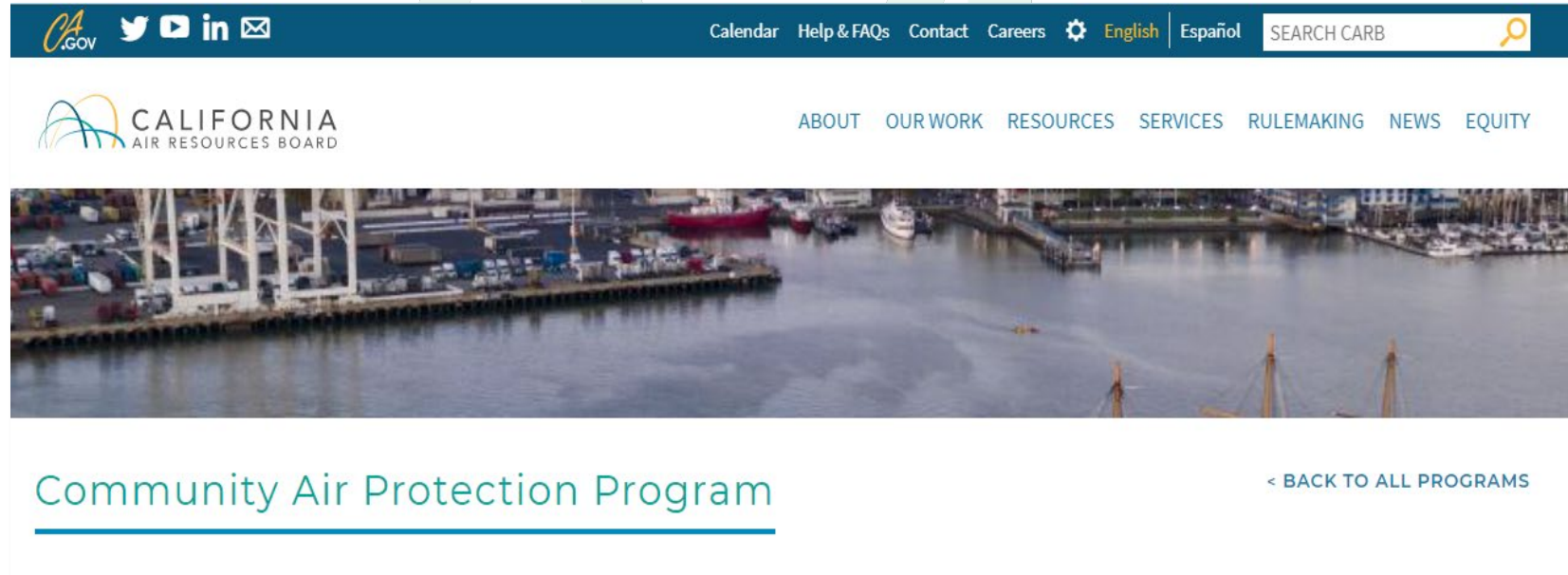
Other Implementation Elements

- Technology Clearinghouse
 - Best Available Retrofit Control Technologies (BARCT)
 - Stationary, area-wide, and mobile sources.
- Emissions Reporting
 - Annual reporting for specified facilities.
 - Development of uniform methodologies.
- Resource Center
 - Land use and transportation best practices.
 - Community air monitoring resources.
 - Education and outreach.



Community Air Protection program

CARB AB 617 Contact



- Website:

- <https://ww2.arb.ca.gov/capp>
- <https://mdaqmd.ca.gov/AB617>

- Email

- CommunityAir@arb.ca.gov
- AireComunitario@arb.ca.gov



Community Air Protection program Best Available Retrofit Control Technology (BARCT)

- Rules updates:
 - 1157.1 BARCT Requirements for Boilers and Process Heaters Outside the **FONA**.
 - Adopted Sept. 23, 2019
 - 1161 Portland Cement Kilns
 - Amended Jan. 22, 2018



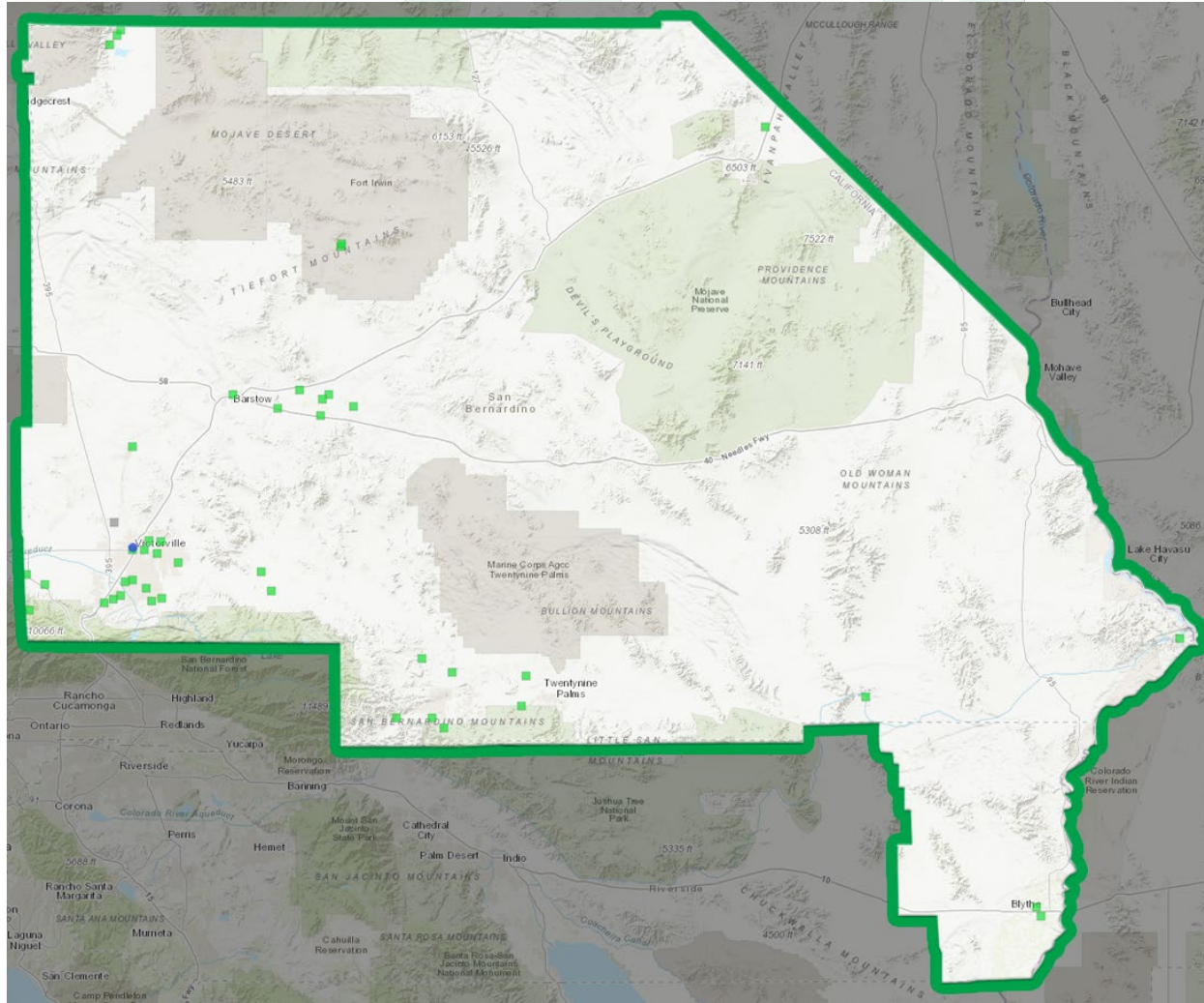
Community Air Protection program Best Available Retrofit Control Technology (BARCT)

What is FONA?

The **F**ederal **O**zone **N**on-attainment **A**rea is the portion of the air district that isn't meeting the National Ambient Air Quality Standard set by the U.S. Environmental Protection Agency for ground-level ozone.



Community Air Protection program Purple Air Sensors



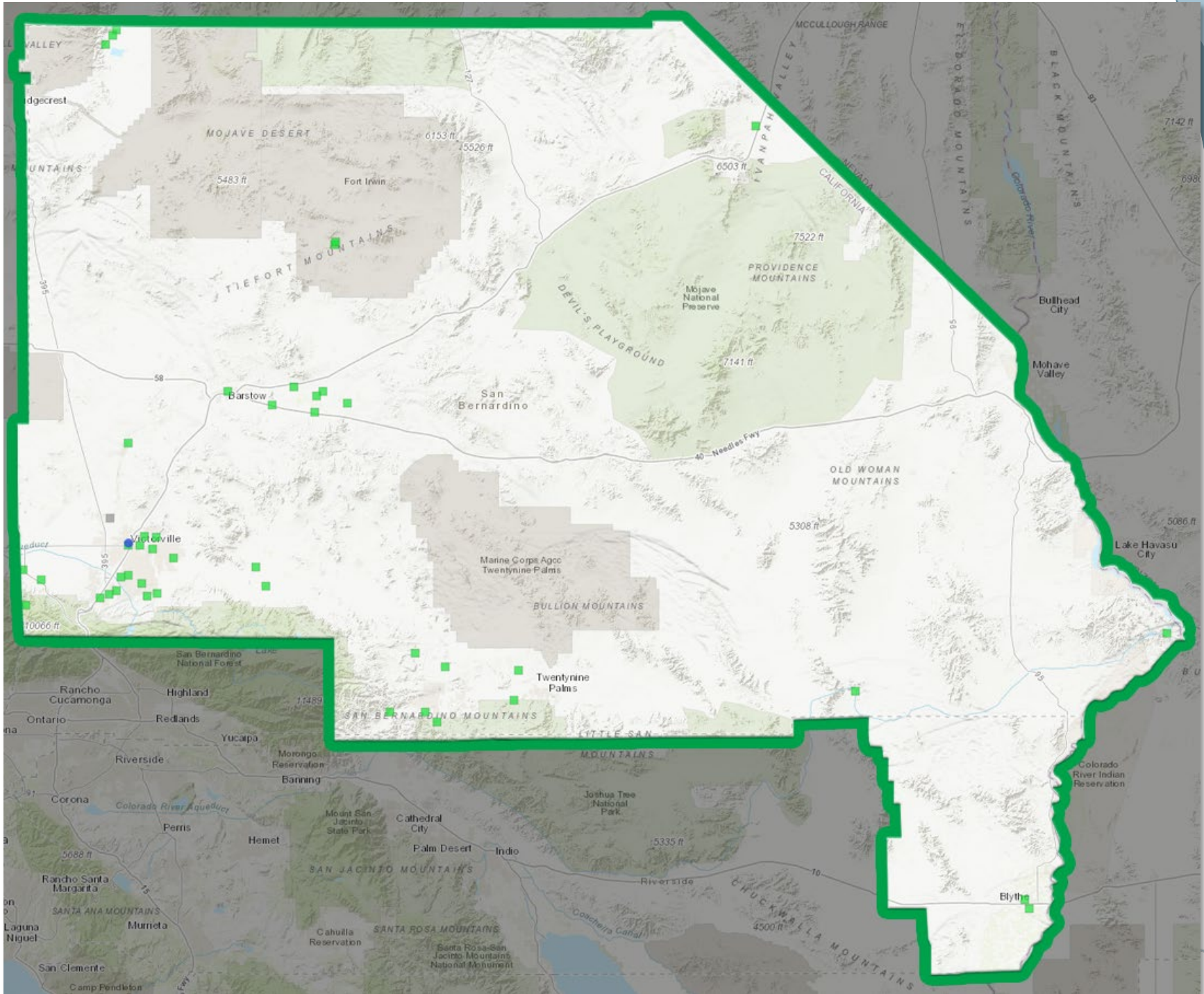
Cap and Trade
Dollars at Work

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Cap and Trade Dollars at Work

and

Community Air Protection program Outreach

The screenshot shows the website's navigation menu with links for About Us, Air Quality, Permits & Compliance, Rules, Grants, Outreach, and Meetings. The main content area features a sidebar with categories like News, Events, Clean Air Vehicles, and Awards and Recognition. The main article is titled "Outreach and Communications" and includes a sub-header: "The MDAQMD's Communications section serves as the liaison between the District's services and the public, as well as the educational community." Below this is a photo of a ribbon-cutting ceremony and a group of staff members. A "Communications Staff" section lists Martial Haprov as the Public Information Officer with contact information. The page concludes with the slogan "Clean air is everybody's business." and a paragraph explaining the role of the Communications section.

Outreach and Communications

The MDAQMD's Communications section serves as the liaison between the District's services and the public, as well as the educational community.

Communications Staff

Martial Haprov Public Information Officer [Email](#) 760.245.1661, ext. 3002

Clean air is everybody's business.

That's why the MDAQMD's Communications section serves to connect the District's services with the public, as well as the educational community. Communications staff coordinates a Speakers Bureau, which provides speakers on a wide range of air quality topics such as the District's services and programs, its rules and regulations, compliance assistance topics and environmental career information to audiences of all ages, knowledge and interest levels. Communications staff is also available to participate in community and business events which raise awareness of the District's mission and programs. To arrange for a speaker for your next event or to find out if we are available to participate in your event, call 760.245.1661, ext. 3002.



Community Air Protection program Outreach



A screenshot of the Mojave Desert Air Quality Management District website. The top navigation bar is green with white text for 'About Us', 'Air Quality', 'Permits & Compliance', 'Rules', 'Grants', 'Outreach', and 'Meetings'. The main content area has a white background. On the left is a sidebar with a list of programs under 'Targeted Airshed Grants' and 'Past Grant Funded Projects'. The main content features a large heading 'Community Air Protection Program - AB617' with 'Print' and 'Feedback' links. Below this is a photo of a man in a blue shirt installing a device on a wall. To the right of the photo is the California Climate Investments logo. Below the photo is a paragraph about Assembly Bill 617 and a link to a community meeting. At the bottom of the main content area is a link for 'Completed projects as of July 2023'.



Community Air Protection program AB 617 Incentive Funds

- Grant funds that provide incentives to both public and private sectors to reduce emissions by retiring and replacing older equipment with newer, cleaner engine technologies.
- Provide enforceable, surplus, and quantifiable and permanent emission reductions.



Community Air Protection program

AB 617 Eligible Project Examples

On-road Vehicles

- School bus replacement
- School bus repower
- Heavy-heavy, medium-heavy and light-heavy duty trucks
- Emergency vehicles

Off-road Vehicles

- Diesel/LSI engine repower
- Repower to zero-emission
- Mobile equipment replacement
- Retrofit for engines

Infrastructure

- Zero-Emission infrastructure includes EV charging and hydrogen fueling stations
- Projects with solar/wind power systems.
- Public school buses, including battery charging and alternative fueling.



Community Air Protection Program Industrial Equipment

- Equipment Replacement for industrial forklifts.



Community Air Protection Program Zero-Emission School Buses



Cap and Trade
Dollars at Work

Community Air Protection Program Zero-Emission Infrastructure



*Apple Valley Unified
School District*



*Adelanto Elementary
School District*



*Lucerne Valley Unified
School District*



Community Air Protection Program Proposed Future Projects

- Will be replacing an additional 4 diesel school buses with zero-emission alternatives.
- Work with school districts on zero-emission lawn and garden equipment for maintenance.
- Work with school districts on air filtration systems for classrooms.



Brad Poiriez

Executive Director/APCO

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