

AB 617 COMMUNITY AIR GRANTS

San Joaquin Valley Environmental Justice Steering Committee


- Central California Asthma Collaborative*
- Central California Environmental Justice Network*
- Central Valley Air Quality Coalition*
- Madera Coalition for Community Justice
- Catholic Charities Diocese of Stockton
- Little Manila Rising
- Clean Water Action Fund
- Green Action for Health and Environmental Justice
- Center for Race Poverty and the Environment
- Valley Improvement Project
- Leadership Council for Justice and Accountability
- LEAP Institute
- El Pueblo de Kettleman City
- California Rural Legal Assistance, Inc
- Californians for Pesticide Reform
- El Quinto Sol de America

*Founding members, collectively referred to as the SJV EJ Collaborative

1

AB 617 COMMUNITY AIR GRANTS

Support and participate in Community Steering Committees for all four AB617 Community Air Protection Program (CAPP) in the San Joaquin Valley

2

AB 617 COMMUNITY AIR GRANTS

Establish Community Steering Committees (CSC) in disadvantaged SJV “communities” that were not selected to participate in AB 617 CAPP

- Educate CSC about air pollution sources and discuss *local* air quality concerns
- Identify sites and obtain approvals to install low-cost PM2.5 monitors (SJVAir Network)
- Develop culturally appropriate AQ outreach materials to inform and engage residents
- **Develop and implement community emissions reduction plans (CERP) based on strategies implemented by AB 617 CAPP communities across the state**



3

AB 617 COMMUNITY AIR GRANTS

Develop and implement CERPs informed by local needs and based on strategies identified and implemented by AB 617 CAPP communities across the state

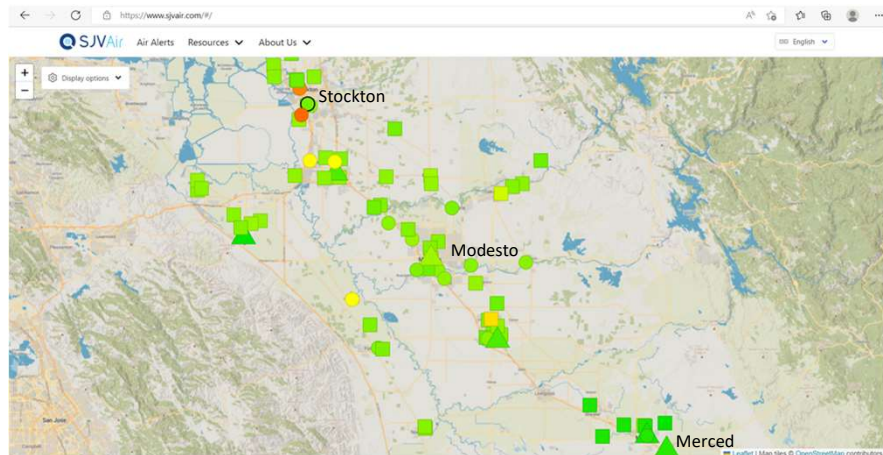
Strategies	Zero- and near-zero emission technologies and infrastructure	Activity changes	Infill with compatible land use	Increased clean transportation options	Setbacks and buffer zones	Strategic siting to reduce exposure	Alternative truck routing	Vegetative and solid barriers	Urban greening	Air filtration	Notification systems	Geo-fencing
Goals	Directly reduce emissions from vehicles and equipment by switching to technologies with lower emissions	Reduce emissions or exposure by improving operational efficiency, changing hours of operation,	Reduce emissions from cars by building housing and employment in centralized areas near transit	Reduce emissions from cars by providing zero- and near-zero emission transportation options	Create physical distance between emissions sources and sensitive land uses	Locate facilities, roadways, and sensitive land uses in ways that minimize exposure	Divert truck traffic away from local streets and sensitive land uses like schools or daycare centers	Reduce the spreading of air pollution into the community	Plant trees and other vegetation to absorb air pollution and reduce exposure in the community	Improve indoor air quality by filtering out air pollution	Reduce exposure to air pollution by providing real-time information to community members on outdoor air quality	Reduce emissions by establishing geographic boundaries that switch applicable mobile source operations to zero emissions

- Partner with CARB and SJV Air District
 - Identify existing incentive programs
 - Identify local permitted pollution sources
 - Better understand and utilize enforcement
 - Identify additional resources to support both development and implementation
- Partner with local CBOs, business, schools and other stakeholders

4

AB 617 COMMUNITY AIR GRANTS

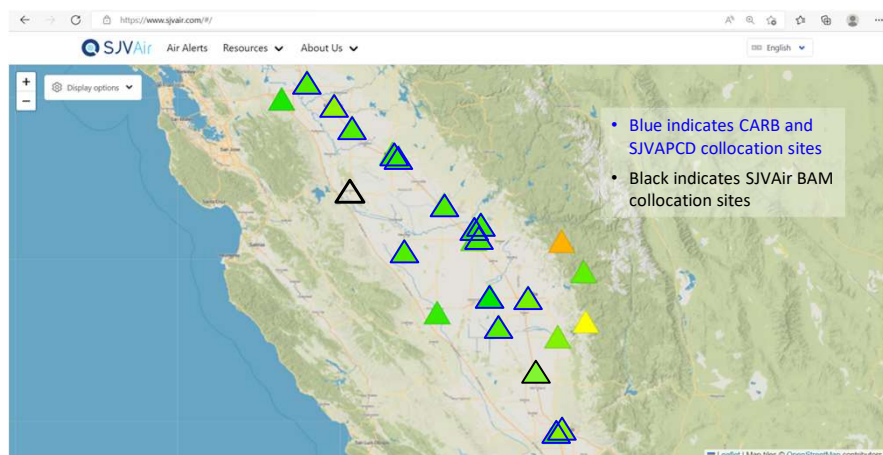
In collaboration with SJV EJ Steering Committee and non-CAPP CSCs, implemented a San Joaquin Valley-wide community-based air monitoring network



5

AB 617 COMMUNITY AIR GRANTS

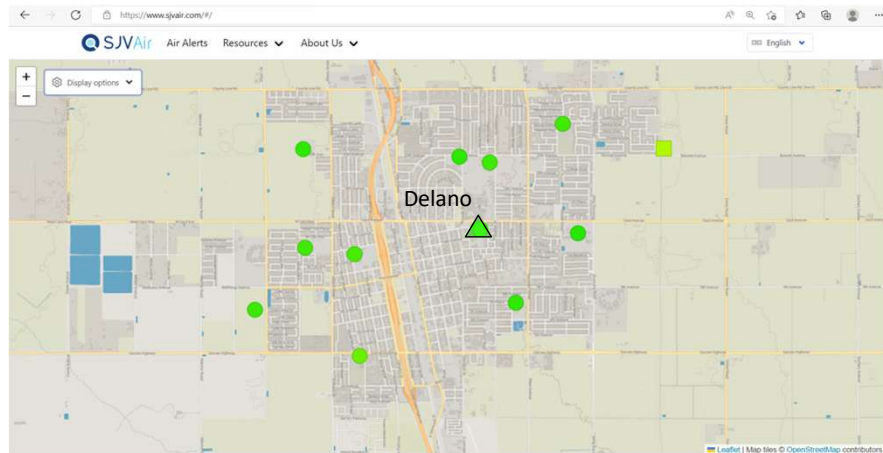
Partnered with CARB and SJVAPCD to collocate low-cost monitors at 16 PM_{2.5} regulatory sites to generate regional calibrations for the Valley-wide network



6

AB 617 COMMUNITY AIR GRANTS

Deploy high-performance PM2.5 monitors as the reference site for school-based, low-cost air monitor networks in Delano and Los Banos



7

AB 617 COMMUNITY AIR GRANTS

Residents can receive text alerts from SJVAir monitors near their home, work and school and select the AQI level they want to generate the alerts

The screenshot shows the 'Live Air Quality Alerts' section of the SJVAir website. The main heading is 'Live Air Quality Alerts' with the subtext 'Get notified when the air is bad in your area with the only real-time air quality alert system in California.' Below this is a 'How does it work?' section with a '1. Sign up for an account' step. To the right, there is a '3. Subscribe to monitors' section. The page also features a 'Resources' section with links to 'Outdoor Activity Guidelines' and 'Wildfire Smoke Preparedness', and an 'About Us' section with links to 'SJVA Collaborative', 'Monitor Testing and Calibration', and 'Technology Stack'. The website footer includes the SJVAir logo and a small disclaimer: 'This is a system of free real-time air quality monitoring provided by the PM2.5 and PM10 subnetwork coordinated across the San Joaquin Valley.'

8

AB 617 COMMUNITY AIR GRANTS

THANK YOU

Kevin D Hamilton
Co-Executive Director

