

What is the Community Air Protection Program?

The Community Air Protection Program was created by Assembly Bill 617 in 2017. It's intended to reduce local air pollution and improve public health in the most affected communities in the state. Central Fresno was 1 of 10 communities chosen for the first-round of implementation; it contains the #1 most polluted census tract in the state.



What are the Key Roles of the Community Steering Committee?

- *Develop a Charter* – includes Committee objectives, roles and responsibilities (including voting power), meeting frequency, dates, times and locations, and use of facilitation and interpretation services;
- *Determine the final geographic boundaries* of the community;
- *Develop a Community Emission Reduction Program*; and
- *Develop a Community Air Monitoring Plan*



What are the Major Elements of a Community Emission Reduction Program?

- *Community Profile* – Establish a baseline understanding of the community's air pollution challenges; identify key sources of pollution and areas of community concern; and assess location of sensitive receptors (schools, homes, etc.).
- *Targets and Strategies for Air Pollution Reduction and Mitigation* - Examples include changing out diesel trucks with lower-emitting technologies, installing new control technology at facilities, building barriers between pollution sources and homes and schools, installing air filtration systems in schools, enhancing enforcement, changing land-use designation, and developing new air quality regulations, etc.
- *Implementation Plan* – Develop an implementation schedule and enforcement plan to track and ensure progress.



What are the Major Steps in Developing a Community Air Monitoring Plan?

- *Define Objective(s)* - Objectives could include assessing the impact of a facility or pollution source on air quality (fence-line monitoring), determining the effectiveness of emission controls, providing real-time air quality data to inform community members, or understanding spatial and temporal differences in air pollution concentration across an area.
- *Select Monitoring Methods and Equipment*
- *Determine Monitoring Areas*
- *Develop Quality Control Procedures, Data Management Protocols, and Work Plan for Conducting Field Measurements*
- *Analyze and Interpret Data*
- *Communicate Results to Support Action*

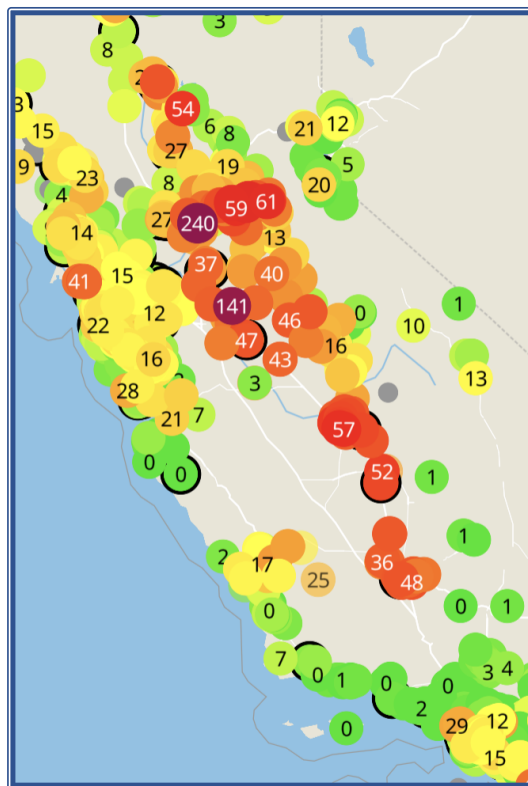


Figure 1 Community-run PurpleAir Monitors



More information: San Joaquin Valley Environmental Justice Collaborative

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