

Statewide Mobile Monitoring Initiative

Conducting Mobile Air Monitoring In Communities Across California

The California Air Resources Board (CARB) designed the Statewide Mobile Monitoring Initiative (SMMI) to attain a comprehensive dataset of criteria pollutants, toxic air contaminants, and greenhouse gases, create a data portal for public to access and visualize SMMI data, and conduct inclusive community engagement to better understand and address community concerns. This project provides an opportunity to complement AB 617 statewide air monitoring activities by engaging communities beyond those currently selected under the Community Air Protection Program, providing data to fill air monitoring gaps and support additional actions to reduce emissions and exposure.



Mobile Monitoring Objectives*

- 1) Identify or confirm emissions from sources of concern.
- 2) Identify areas overburdened by specific pollutants or sources.

**Other objectives raised during the community engagement process will be considered.*



Where Will Mobile Monitoring Be Conducted?

At least 60% of monitoring will benefit California Climate Investment Priority Populations. Currently, mobile monitoring is proposed to be conducted in 64 Consistently Nominated Air Protection Program Communities.



What Air Pollutants Will Be Monitored?

Monitored air pollutants include PM2.5, Nitrogen Oxides (NO & NO2), Ozone (O3), Black Carbon (BC, surrogate for diesel PM), Benzene, 1,3-Butadiene, Formaldehyde, Carbon Dioxide (CO2), Methane (CH4), to name a few.

An Air Quality Concerns Survey is currently active to collect critical information from the public to help determine locations for mobile monitoring:

<https://tinyurl.com/AirQualityConcernsSurvey>



What Sources Are Monitored Air Pollutants Released From?

Sources include, but are not limited to, mobile sources (trucks), oil and gas extraction, warehouse and distribution centers, ports, railyards, chemical manufacturing.

Where Can I Learn More?

The project FAQs: [SMMI Frequently Asked Questions August 2024.pdf \(ca.gov\)](#)

The project website: <https://ww2.arb.ca.gov/statewide-mobile-monitoring-initiative>



The Statewide Mobile Monitoring Initiative is part of California Climate Investments, a statewide initiative that puts billions of Cap-and-Trade dollars to work reducing greenhouse gas emissions, strengthening the economy, and improving public health and the environment — particularly in disadvantaged communities.