



Cap and Trade
Dollars at Work



Statewide Mobile Monitoring Initiative

Air Quality Community Meeting #2

April 29, 2025 | 5:30 - 7:30 PM
Stanford Settlement Neighborhood Center



valley vision
Community Inspired Solutions

Welcome and introductions

Today's Meeting Facilitators:



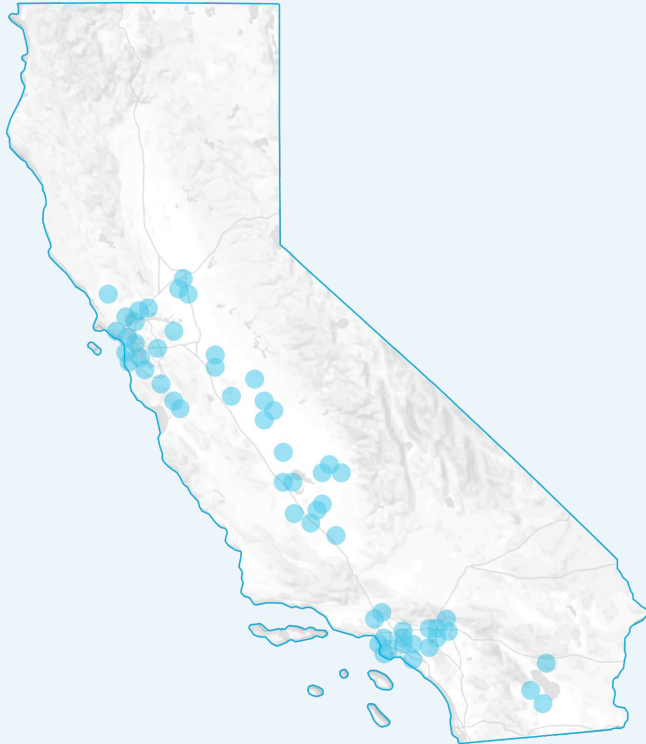
Today's agenda:

1. SMMI Project Overview [6:00 - 6:20 PM]
 - a. Welcome remarks
2. Meeting #1 Recap [6:20 - 6:30 PM]
3. Discuss desired changes to the CAMP [6:30 - 7:00 PM]
 - a. Review draft Community Air Monitoring Plan (CAMP)
 - b. Mentimeter: Decide on monitoring routes
4. Next steps [7:00 - 7:20 PM]



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.

The Statewide Mobile Monitoring Initiative



The California Air Resources Board (CARB) contracted Aclima to develop **Community Air Monitoring Plans (CAMPs)** for and collect and analyze air quality data in the **64 Consistently Nominated Communities (CNCs)**.

Through CAMP development and implementation, SMMI is putting communities in a better position to develop strategies for emissions reduction.

Air Pollution Impacts on Community Health

California Air Resources Board:

<https://www.youtube.com/watch?v=5pfVOG019VA>

Those most at risk:



- People with Pre-Existing Conditions
- Children
- Older Adults
- Close Proximity Residents / Workers
- Pregnant Women

Project Overview

**Air Pollution
Concerns Survey**

March & April 2025

**DRAFT Community
Air Monitoring Plan**

Late April

**FINAL Community Air
Monitoring Plan**

June 2025

**Project Results
Webinars**

May 2026

April 14

**Community Meeting
#1**

(TODAY) April 29th

**Community
Meeting #2**

June 2025 - February 2026

**Monitoring Period
+ Continued Community
Communications**

How does Aclima monitor Air Quality?

Aclima measures pollution using a combination of sensors attached to hybrid or electric vehicles.

These vehicles are called **Aclima platforms**.



Air quality sensors within the Aclima platform



What pollutants will we measure?

Broad Area Monitoring



- **Fine Particulate Matter** (PM_{2.5})
- **Black Carbon**
- **Nitrogen Oxide** (NO)
- **Nitrogen Dioxide** (NO₂)
- **Ozone** (O₃)
- **Carbon Monoxide** (CO)
- **Carbon Dioxide** (CO₂)
- **Methane** (CH₄)
- **Ethane** (C₂H₆)
- **Total Volatile Organic Compounds** (VOCs)

Targeted Area Monitoring



All of the same pollutants, plus:

- **Heavy Metals** (e.g. arsenic, lead)
- **Particulate Matter** (e.g. ultrafine, PM₁₀)
- **Gases and VOCs** (e.g. formaldehyde)

What will the data look like?



Pollutant levels over a space

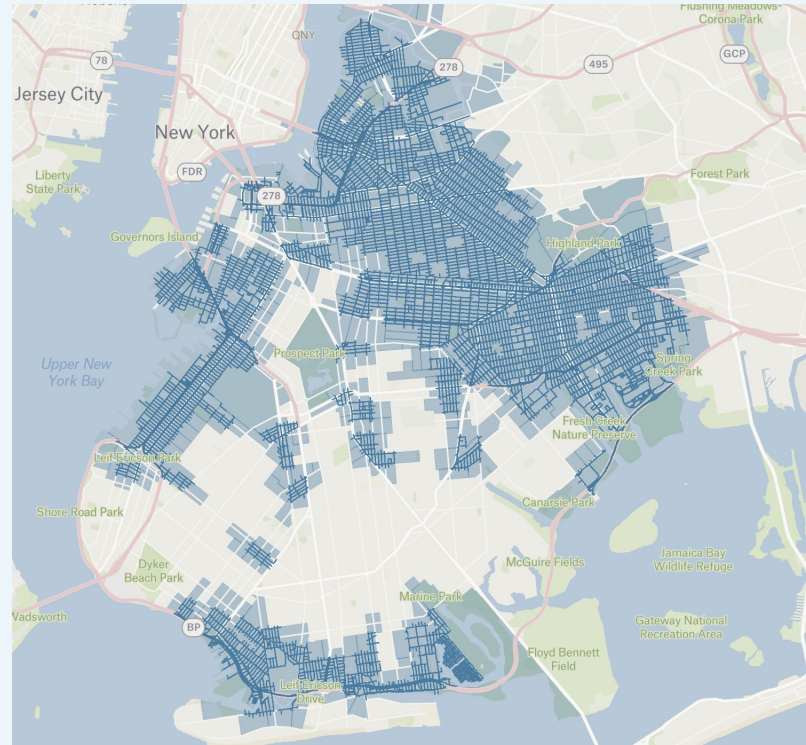


Pollutant "hot spots"

How can residents guide air quality monitoring in their communities?

Residents – especially those from frontline communities – can tell us where to focus monitoring resources.

What communities tell us will define the **Community Air Monitoring Plan (CAMP)** - which determines how monitoring takes place in that community and where Aclima platforms will drive.



When will the monitoring happen?

- Aclima will deploy its monitoring vehicles by **June 2025**
- The cars will monitor for **nine months** at different times of day, days of week, and times of season
- Aclima will maintain project updates for each community on its website: www.aclima.earth/ca-smmi



When will the data be available?

Spring 2026:

May 2026:

**Summer
2026:**

- StoryMaps available with content related to each Consistently Nominated Community

- Project results webinar by region
- Final report and StoryMaps published

- Data available on CARB's website for download

How has this type of data been used in the past?

- Support development of emissions reduction plans (e.g. West Oakland Community Action Plan¹)
- Identify areas for anti-idling enforcement (New York State DEC²)
- Trigger voluntary facility actions, like fixing identified leaks
- Gas leak identification and repair by utility company
- Determine sites where further air monitoring is needed
- Highlight areas where unexpectedly high concentrations are observed for enforcement follow-up

1. <https://woeip.org/featured-work/owning-our-air/>

2. <https://dec.ny.gov/news/press-releases/2024/8/dec-releases-first-phase-results-of-statewide-community-air-monitoring-initiative>

Meeting #1 Recap



Air Pollution Concerns in South Natomas

- High traffic roadways, vehicle emissions and safety issues are big concerns
- Highways I-80 and I-5 and vehicle traffic are a major concern too
- Some concerns around pollution from businesses along busy roadways



Defining the monitoring boundary

- Based on discussions during the mapping activity, community members voted to keep monitoring focused within the proposed boundary



Decision-Making Process for the Meeting



MAJORITY VOTE OPTION:

Members cast votes, and the option with the most votes wins.

Discussion: Desired Changes to the CAMP



Draft Community Air Monitoring Plan

South Natomas

Community Air Monitoring Plan

California Statewide Mobile Monitoring Initiative (SMMI)



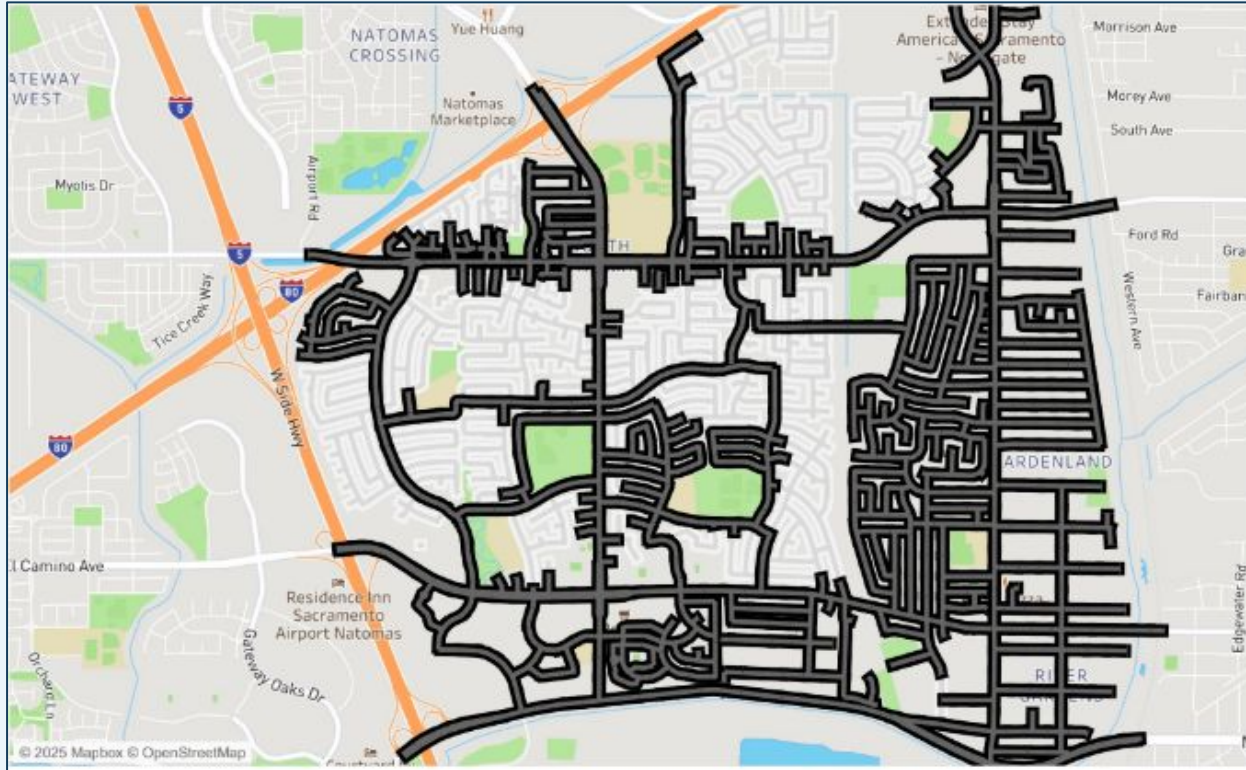
Prepared by Aclima, Inc.
In partnership with Valley Vision
and the SMMI Project Expert Group

April 26, 2025

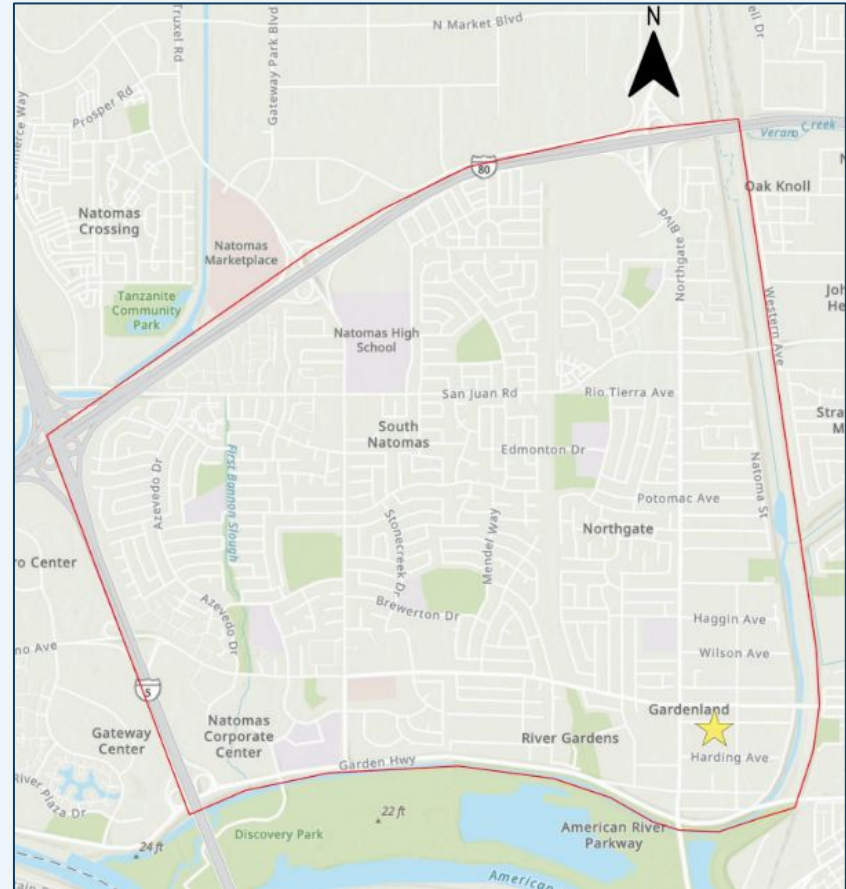


Location and Concern	Details
Up and down Northgate Blvd	Northgate Blvd is a heavily trafficked roadway in the community. Multiple community members have expressed concerns about vehicle traffic and safety concerns. There are many auto and motor parts stores and tire centers along Northgate Blvd, a recycling center on Northgate (between Winter Garden Ave and Winterhaven Ave) and gas stations. Smell from vehicles, traffic idling, and seeing exhaust from cars.
Along Garden Highway within the community	Garden Highway is a heavily trafficked roadway in the community. Multiple community members have expressed concerns about vehicle traffic and safety concerns for pedestrians, and bicyclists. Peak hours after work (5 PM and after); peak hours in the morning; summer, fall and winter; start of school season through end of school season. Interested in non-peak hours too, such as nocturnal monitoring.
Up and down Truxel Road	Truxel Road is a heavily trafficked roadway in the community. Multiple community members have expressed concerns about vehicle traffic and safety concerns, as cars and trucks are entering and exiting the highways (I-80 and I-5). Community members are interested about what kind of pollution comes from vehicles such as passenger vehicles, and big rigs/delivery trucks. They are interested about the pollution coming from vehicles driving to and from the Natomas Marketplace shopping plaza and the pollution levels. They would be interested in the pollutants and concentration levels for varying times of the day and seasons.
Along San Juan Road	San Juan Road is a heavily trafficked roadway in the community. Multiple community members have expressed concerns about vehicle traffic and safety concerns. Smell from vehicles, traffic idling, and seeing exhaust from cars.

Monitoring Boundary - South Natomas



Targeted Area Monitoring



Next Steps?

- Aclima will **revise the Community Air Monitoring Plan** based on the changes discussed in this meeting, and submit to CARB
- Aclima will maintain a [project website](#) with monitoring updates, hold office hours for community members to ask questions, and host training and educational webinars on:
 - Data literacy and interpretation
 - Success stories of communities translating data into emissions reduction
 - Air management policies and regulation

Project Timeline



See You for Meeting #3 (via Zoom)!

Purpose of Meeting 3:

- Explain **project results** and answer questions
- Have community members **share experiences** engaging with the project
- Discuss possible **next steps**

Date & Location: **May 2026**

Aclima and CARB staff will organize online meetings by air district (Sac Metro Air District)

- Aclima will maintain a [project website](#) with monitoring updates, hold office hours for community members to ask questions, and host training and educational webinars.

Stay involved:

www.aclima.earth/ca-smmi

Meeting Feedback

Post-Event survey:

What worked about this meeting?

How can we make the next meeting better?

Project Contact Information



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Thanks to the project partners and community members for your commitment to protect California air quality!

- Learn more and stay up to date: www.aclima.earth/ca-smmi
- Remember to sign the **vendor agreement at the registration table** to be compensated for participation. **Thank you!**

