

SAC METRO AIR DISTRICT'S 2023 ACCOMPLISHMENTS

The Sac Metro Air District is responsible for monitoring air quality, reducing air pollution, and enforcing air quality regulations, and plays a leading role in promoting decarbonization efforts through innovative programs, incentives, and projects in Sacramento County and the larger region. Below are highlights of several key air and climate policy objectives and related programmatic accomplishments for 2023. These objectives are aligned with the District's mission to achieve state and federal clean air and climate goals as we envision a clean air and low-carbon future for all.

Creating Connections

The Air District aims to forge meaningful partnerships at various levels (local, regional, state, federal, and global) to enhance public health and achieve air quality and climate goals. This involves engaging with diverse stakeholders and fostering cooperative efforts to address air quality and climate concerns.



Working towards mutual climate goals through collaboration with SacRT, SACOG, and SMUD.

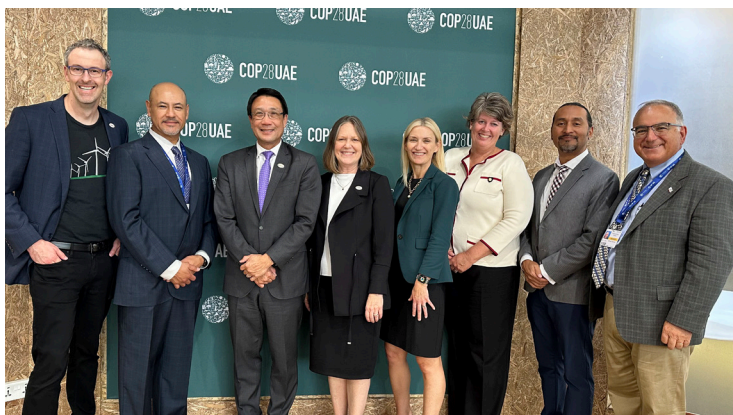
Take action to reduce your exposure to wildfire smoke using Air Quality Action Charts.



SACRAMENTO METROPOLITAN
AIR QUALITY
MANAGEMENT DISTRICT

To review Air Quality Action Charts, please visit:
AirQuality.org/WildfireSmoke

Coordinating countywide wildfire emergency smoke response through specialized training and public health tools.



Fostering global partnerships by participating in COP 28 and innovating new clean air and climate initiatives in the Sacramento region.



Facilitating educational workshops and tours exploring clean air technology that can work for the Sacramento region.

Advancing Equity & Protecting Public Health

The Air District actively engages residents, businesses, public agencies, non-profit groups, and various stakeholders throughout the county to effectively address air quality concerns, with a special emphasis on the needs of underserved communities. The Air District strives to advance environmental justice principles by engaging with communities on decisions that may affect their environment or health. In addition to targeting projects in communities bearing a disproportionate burden of pollution, the Air District empowers residents with the necessary data and resources to safeguard their well-being.



Innovating equity-forward solutions with the Sacramento region's first Zero-Emission Mobility Hub. A glimpse into the sustainable future, this project is the first of 52 planned hubs for the region.



Championing innovation and educational equity with a one-of-a-kind EV Lowrider conversion project and new electric vehicle career pathway in SAVA's transportation department.



Empowering the South Sacramento-Florin Community by executing a successful Community Air Monitoring Plan (CAMP) and launching a new portable air monitoring laboratory at Fern Bacon Middle School.



Expanding the air quality data network by distributing 200 portable air monitoring sensors to residents and businesses in underserved Sacramento neighborhoods and schools throughout the city and conducting innovative street-level monitoring.



Partnering with NASA to use new satellite imagery to track air pollution under the Health and Air Quality Applied Sciences Team program.

Innovating the Future

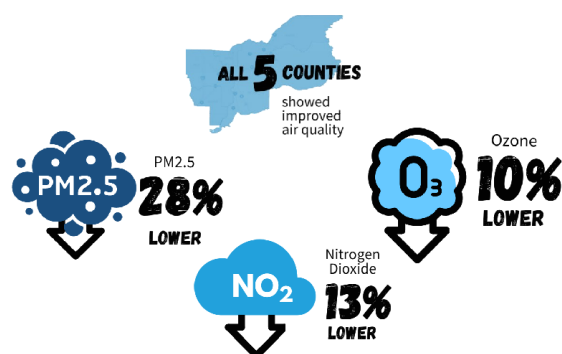
The Air District is dedicated to supporting forward-thinking projects and initiatives that reduce air pollution, adapt to climate change, and improve the livability of the region while promoting the growth of the green economy. This involves strategic planning and cooperation with partners.



Advancing agricultural biomass utilization with a comprehensive conference on its potential for improved air quality, climate impact, and regional economic growth.



Exploring the most recent technology and policy developments aimed at expanding hydrogen in the greater Sacramento region.



Promoting continued teleconferencing policies that significantly improve air quality in the region as demonstrated by a cutting-edge transportation study.



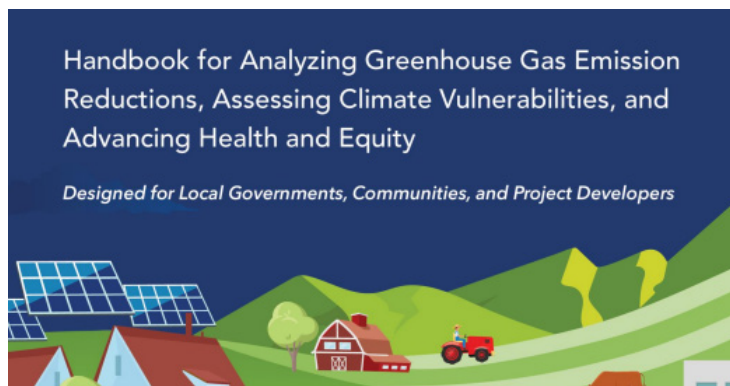
Participating in the Advanced Clean Transportation Expo and the 36th Electric Vehicle Symposium and Exposition conferences to track technology developments and opportunities in the transportation sector in support of the clean energy transition in the Sacramento region.

Reducing Climate Pollution

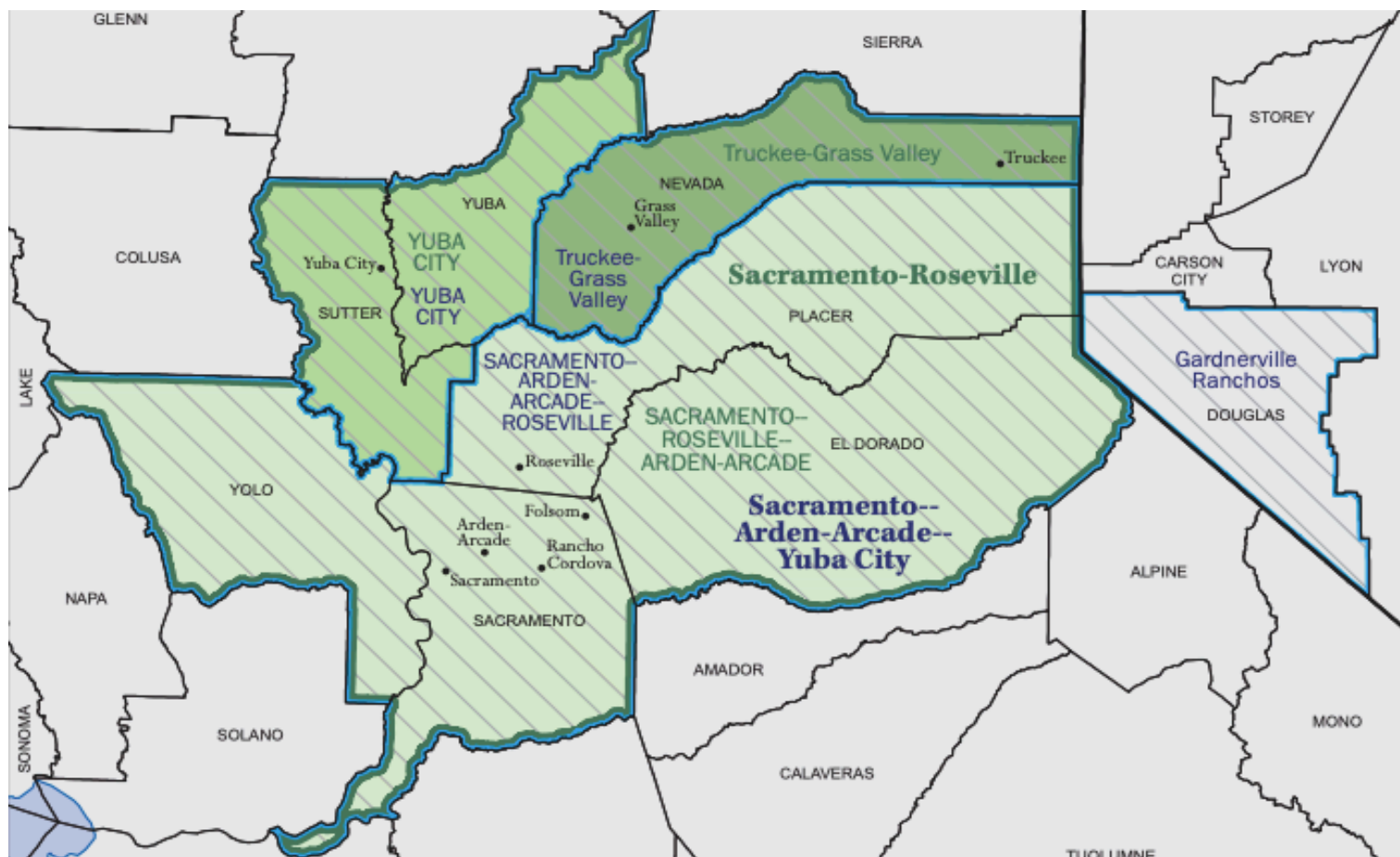
The Air District takes a leadership role in advancing climate resilience strategies, clean air solutions, and improvements to residents' quality of life. It collaborates with partners to develop comprehensive plans, provides guidance, and increases resilience to extreme heat.



Increasing extreme heat resilience through actively assessing land use and transportation plans, offering guidance to lead agencies during planning, environmental, and entitlement processes.



Leading the comprehensive update to the final GHG Handbook and the California Emissions Estimator Model (CalEEMod).



Leading the seven-county region to compete for Inflation Reduction Act funding for Climate Pollution Reduction Grant Program clean energy projects.

Advancing Zero Emission Technology

The Air District funds a variety of projects that reduce fossil fuel combustion pollution, advance federal air quality standards, and support state decarbonization goals. This includes efforts to transition to zero-emission vehicles, develop sustainable transportation infrastructure, and promote the use of zero-emission technologies in various sectors.



Supporting the nation's largest solar-powered electric truck charging depot in Sacramento County, which will foster significant air quality benefits for the region.



Transforming heavy-duty trucking in partnership with PepsiCo to replace 18 diesel trucks with zero-emission Tesla semis and construct four Tesla semi chargers.



Administering \$15.6 million in new funding for three new hydrogen locomotives in Sacramento, a decisive step in the region's clean energy transition.



Schooling the region on zero-emission school buses with the deployment of one of the largest all-electric bus fleets and every school district in Sacramento County participating.

These policy objectives and related programs highlight a comprehensive approach to environmental protection and sustainability and reflect the organization's commitment to improving air quality, reducing air pollution, addressing climate change, and promoting equity and public health in the Sacramento region.