



# Transportation-related Air Quality Five-Year Program

*Enabling Progress on Air Quality and Low-Carbon Development  
in the Sacramento Region*

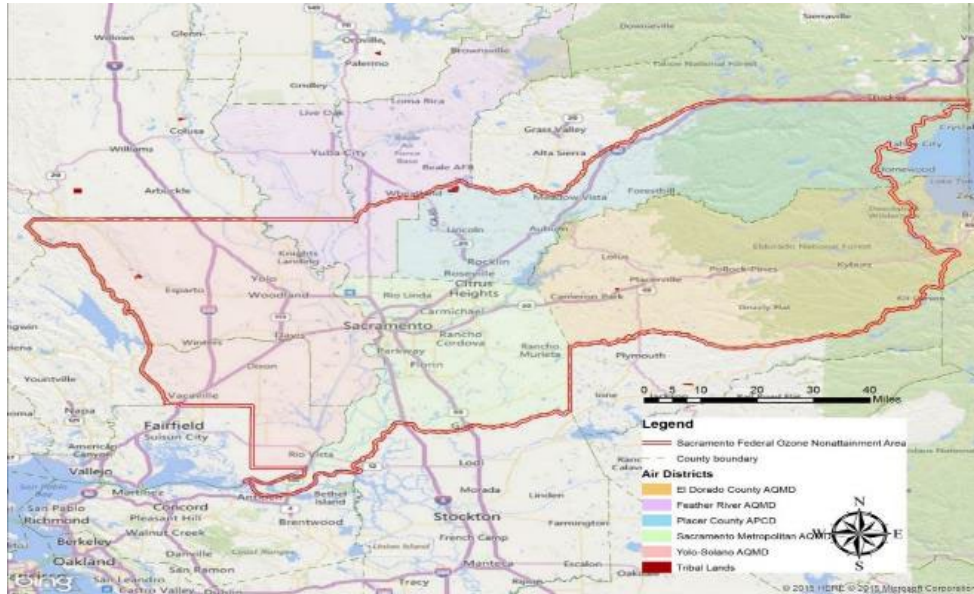
Sacramento Transportation Authority

Board of Directors Meeting

March 9, 2023

# The Sac Metro Air District

- **Special District of State of California**
- **Co-regulator with state and federal partners**
- **Sacramento County jurisdiction**
- **Work area: Sacramento Federal Nonattainment Area (SFNA) - 5 air districts**



# Sac Metro Air District Board of Directors

representing 8 jurisdictions – Sac County + 7 cities



**Patrick Kennedy, Chair**  
Supervisor  
Sacramento County  
Board of Supervisors



**Sarah Aquino, Vice Chair**  
Council Member  
City of Folsom



**Eric Guerra**  
Vice-Mayor  
City of Sacramento



**Mai Vang**  
Council Member  
City of Sacramento



**Kevin Papineau**  
Council Member  
City of Galt



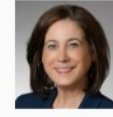
**Sean Loloee**  
Council Member  
City of Sacramento



**Caity Maple**  
Council Member  
City of Sacramento



**Bobbie Singh-Allen**  
Mayor  
City of Elk Grove



**Sue Frost**  
Supervisor  
Sacramento County  
Board of Supervisors



**Bret Daniels**  
Vice-Mayor  
City of Citrus Heights



**Donald Terry**  
Council Member  
City of Rancho Cordova



**Patrick Hume**  
Supervisor  
Sacramento County  
Board of Supervisors

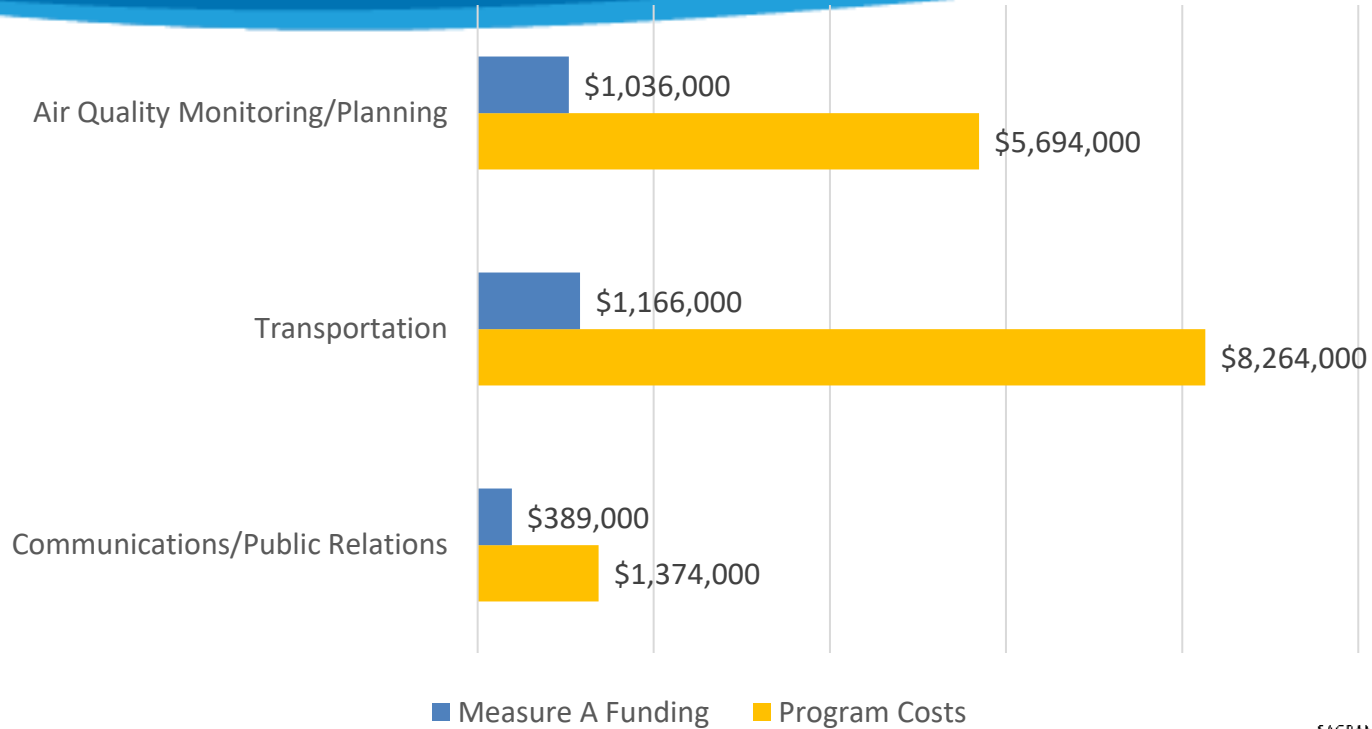


**Rich Desmond**  
Chair  
Sacramento County  
Board of Supervisors

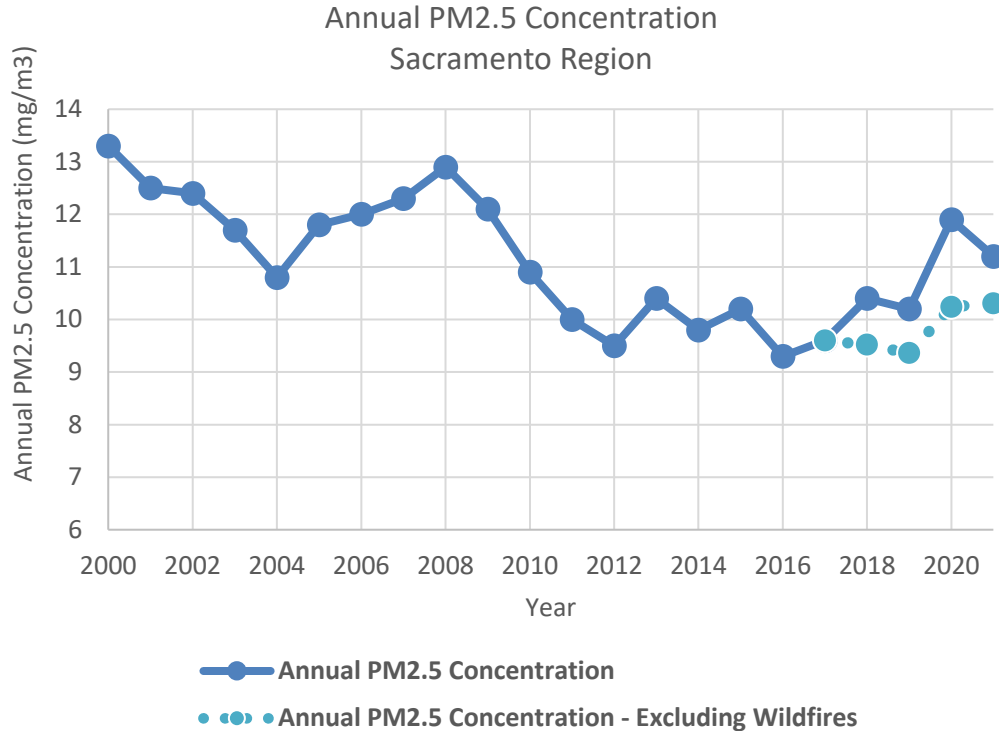


**Phil Serna**  
Supervisor  
Sacramento County  
Board of Supervisors

# Summary of Measure A Funding and Total Program Costs FY23/24 Budget



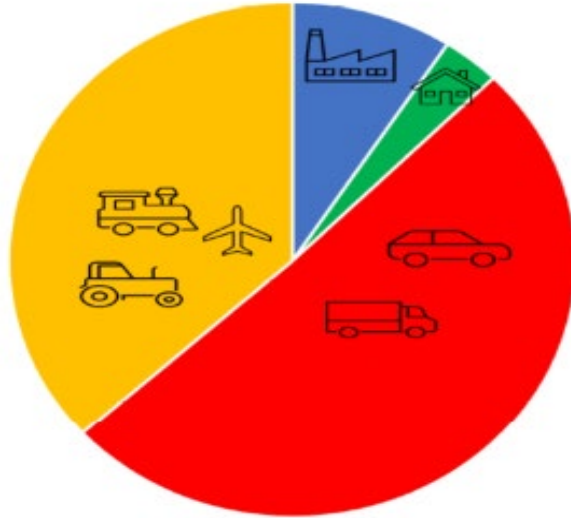
# Making progress on clean air, but more is needed



- #11 worst particle pollution in U.S.
- #5 worst ozone pollution in U.S.

Lung.org American Lung Association State of the Air 2020

# Dependance on fossil fuels dominates sources of air and climate pollution



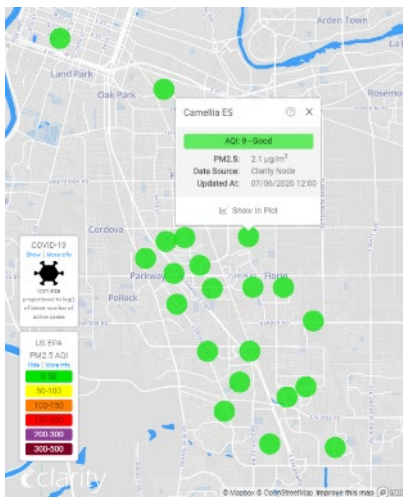
Sources of smog-forming emissions in the region

- Largest source is transportation sector (cars, trucks, equipment, buses, etc.)
- Industry and businesses
- Wintertime fireplace use
- Wildfires
- Electricity generation (SMUD)
- Others

# Meeting Federal Requirements for Air Quality Monitoring & New Community Monitoring for Environmental Justice



South Sacramento/Florin



## Regulatory Network

### Legend

- A** Bercut Drive
  - B** Elk Grove-Bruceville
  - C** Folsom-Natoma
  - D** North Highlands-Blackfoot Way
  - E** Sacramento-T Street
  - F** Sacramento-Branch Center
  - G** Sacramento-Del Paso Manor
  - H** Sloughhouse
- Sac\_Freeways  
 Sacramento County Border



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# Meeting Federal Requirements for Air Quality Planning



**A federally approved air quality plan makes the region eligible for federal transportation funding**



# Investments in clean air transportation technologies

- ❑ Financial incentives for zero emission vehicles, equipment, and infrastructure
- ❑ Investing ~\$20 million annually



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# Equity and mobility

SACRAMENTO METROPOLITAN  
AIR QUALITY  
MANAGEMENT DISTRICT

**OUR COMMUNITY  
CARSHARE**



SACRAMENTO METROPOLITAN  
AIR QUALITY  
MANAGEMENT DISTRICT

**CLEAN CARS  
4 ALL**



SACRAMENTO METROPOLITAN  
AIR QUALITY  
MANAGEMENT DISTRICT

**COMMUNITY  
AIR PROTECTION  
INCENTIVES**

**eMobility Hub**



# Collaboration and Partnerships



<ul style="list-style-type: none"> <li>• 600 ZEV Buses</li> <li>• 5+ Charging &amp; Refueling Facilities</li> </ul>	1
<b>Transit Fleet</b>	
<ul style="list-style-type: none"> <li>• 5 MD-HD Charging Plazas</li> </ul>	2
<b>MD-HD Fleet</b>	
<ul style="list-style-type: none"> <li>• 52 eMobility Hubs</li> <li>• 182 LD EV Chargers</li> </ul>	3
<b>eMobility</b>	
<ul style="list-style-type: none"> <li>• 4,000 People Trained</li> <li>• 1,000 People Hired</li> </ul>	4
<b>Clean Energy Workforce</b>	





# Sustainable transportation planning and land use

- ❑ Air quality and climate change technical assistance
- ❑ Project reviews
- ❑ Focus on pollution reductions (NO<sub>x</sub> and PM) in development projects
- ❑ Monitors operational and construction air quality mitigation



# Communication and Public Relations

- “Spare the Air” Program
- Public awareness
- Targeted outreach in disadvantaged communities
- Highlighting new mobility options – mobility hubs, bike and car share programs



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# Thank you

