



**YOLO-SOLANO**  
AIR QUALITY MANAGEMENT DISTRICT

# **Yolo-Solano Air Quality Management District 2025 Grant Funding Webinar**

# Webinar Information

- **This webinar is being recorded.**
- Copies of the presentation and slides will be posted to the Program Page on the District Website after the webinar.
- During the meeting, all attendees on ZOOM will be placed on mute, except for District staff presenting.
- **QUESTIONS:**
- **For those on ZOOM:** if you would like to ask a question, please use the Q&A feature to submit your question. You may also use the “raise hand” button at the bottom of your screen during Q&A at the end of the presentation.
- **For those calling in using the phone line only** you can dial \*9 on your keypad to signal that you would like to ask a question. Please wait until Q&A at the end of the presentation.
- Your name will be called when it is your turn to comment and the host will unmute your line automatically.
- Please note, you can hang up and or leave the ZOOM meeting at any time.



# Webinar Format

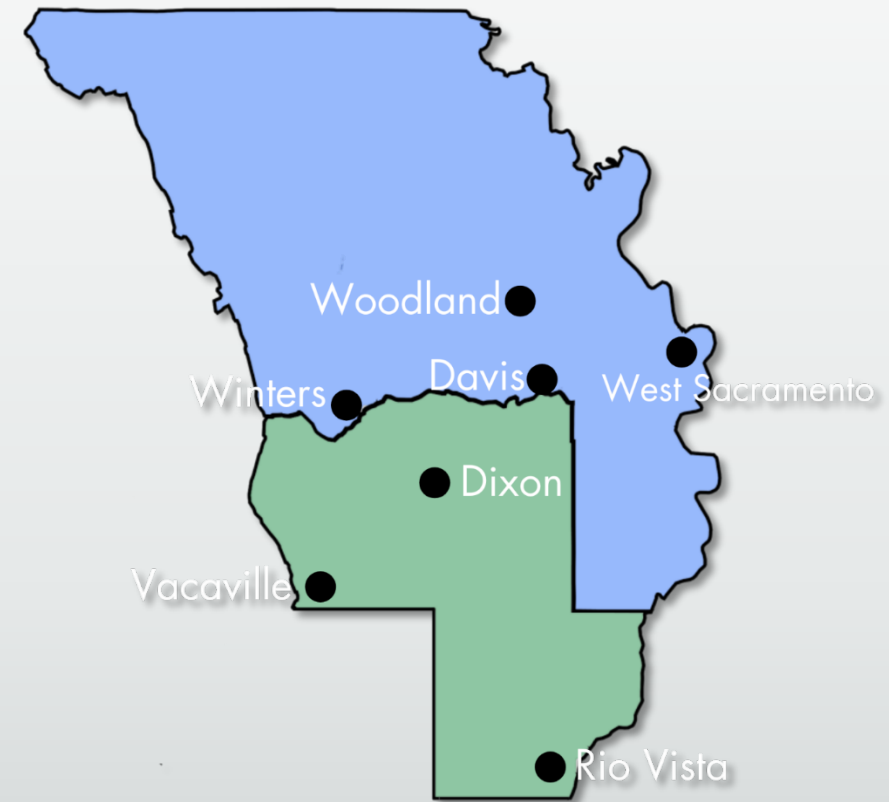
Webinar will include information on the following:

1. Introduction to the Yolo-Solano Air Quality Management District
2. 2025 Solicitation for infrastructure installation and on-road and off-road heavy-duty mobile equipment replacement projects
3. 2025 Clean Air Funds Program
4. Clean School Bus Program
5. Woodsmoke Reduction Program
6. Time for questions
7. Website and application demonstrations



# Introduction

- **1970:** Yolo County APCD Formed
- **1971:** Yolo and Solano counties formed the Yolo-County AQMD, adding the portion of Solano County that is within the Sacramento Valley Air Basin
- District includes all of Yolo County, northeast Solano County including Dixon, Rio Vista and Vacaville
- Estimated population of 350,000
- 1,500 square miles
- **Our Mission:** To **protect** human health and property from the harmful effects of air pollution



# 2025 Solicitation - General Information

- Allocates state and local funding to infrastructure installation and heavy-duty equipment replacement projects to reduce air pollution emissions
- Eligible applicants include government agencies, private businesses (including agricultural operations), nonprofits, and educational institutions
  - One application accepted per applicant
- Funding awarded to applications through a random drawing
  - Small fleets and applications to replace Tier 0 and Tier 1 applications will be entered twice
- **Applications due by 4 p.m. Friday, May 2, 2025**
- Applications should be submitted to:
  - Email to [grants@ysaqmd.org](mailto:grants@ysaqmd.org) OR
  - Mail to 1947 Galileo Court, Suite 103, Davis, CA 95618
  - **Air district will email primary contact on application to confirm receipt**



# 2025 Solicitation - Infrastructure Installation



Eligible project types include battery charging stations, hydrogen fueling stations, and stationary ag pump electrification

- Battery charging stations must be Level II or higher (not single-family residential)

Baseline funding is 60% of total eligible costs, which include the equipment and installation

- Funding plus-ups available for stations that are publicly accessible, powered by renewable systems, or provide communal charging at heavy-duty truck parking facilities





# 2025 Solicitation - Off-Road Heavy-Duty Equipment

- Agricultural heavy-duty equipment and non-agricultural DOORS-compliant equipment eligible to receive funding for replacement
  - Existing equipment must have a Tier 3 or older engine and be destroyed at end of project
  - If there is a compliance deadline for your DOORS-registered equipment, contact District with details
- Baseline funding is 80% of eligible costs of the replacement equipment, up to \$150,000
  - Must be cost effective



# 2025 Solicitation - On-Road Heavy-Duty Equipment

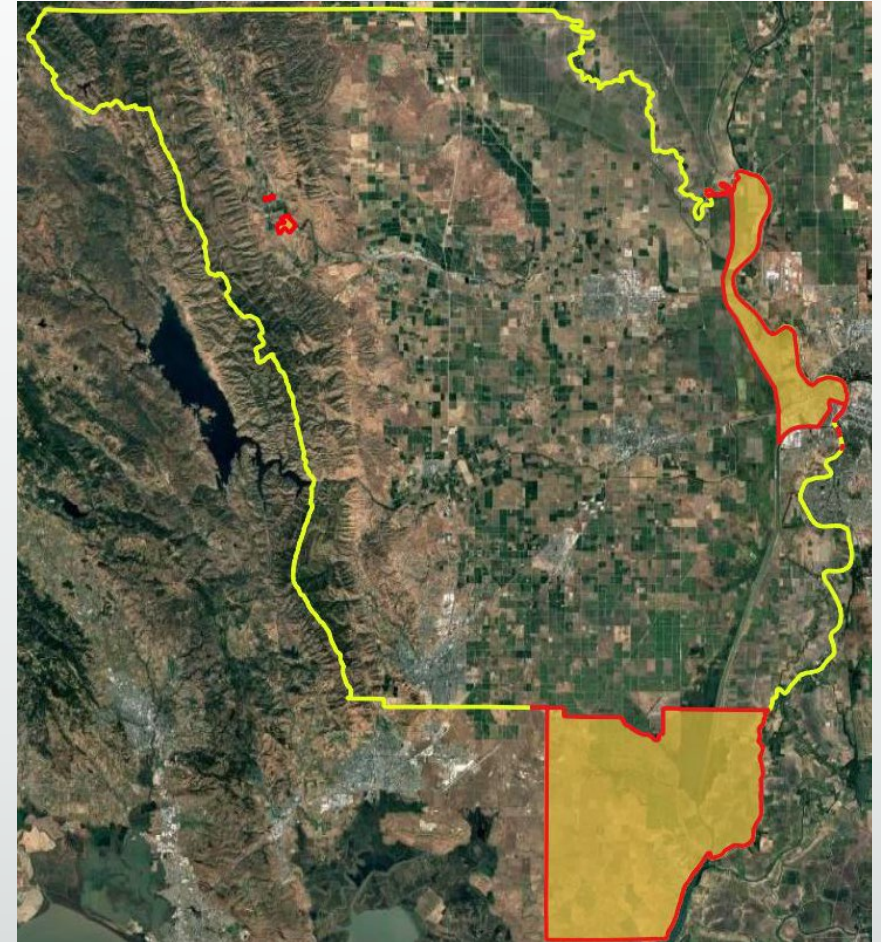
- All heavy-duty on-road equipment
  - Must be compliant with state regulations, such as TRUCRS
  - If there is a compliance deadline for your TRUCRS-registered equipment, contact District with details
- Funding amounts vary depending on the weight class of vehicle, its vocational use, and the fuel type of replacement equipment
  - Contact the air district if you'd like to request a maximum funding estimate





# 2025 Solicitation - Disadvantaged Communities

- State-designated communities with disproportionate exposure to air pollution
- Include northern portion of West Sacramento, the Yocha Dehe Wintun Nation, and Rio Vista and the surrounding rural areas
  - Enter address into [this map](#)
- Projects permanently domiciled in disadvantaged communities may be eligible for higher funding amounts
- Applicants may submit two applications for projects located in disadvantaged communities



# 2025 Solicitation - Program Timeline

- Deadline to Submit Application: **4 p.m. Friday, May 2, 2025**
- District Evaluation of Applications: Late May
- Deadline to Notify Applicants of Missing Information: June 9, 2025
- July 31, 2025: Applicants Notified of Tentative Award



# Clean Air Funds - Program Information

- Funded more than \$12 million for projects within the District over 30 years
- Clean Air Funds are obtained from a portion of a DMV vehicle registration fees for vehicles registered within the District and a small portion of Solano Property Tax funds
- Eligible applicants include private businesses, government agencies, educational institutions, nonprofits, and other organizations
- Award amounts vary based on project evaluation, funding need, and funding availability
  - \$89,000 total available in Yolo and \$350,000 total available in Solano
  - Funding awarded by the air district's Board of Directors
- Projects must achieve emission reductions from mobile sources
- **Applications due by 4 p.m. Friday, April 18, 2025**





# Clean Air Funds - Eligible Project Categories

## Clean Vehicle Technology



- Vehicle replacements
- New clean vehicle purchase
- Clean vehicle infrastructure like EV charging

## Alternative Transportation



- Bicycle and pedestrian infrastructure
- Rideshare programs
- Multi-modal transportation planning effort

## Transit



- Vanpool or shuttle development
- New or expanded transit service
- Discount Fares
- Bus Shelters

## Public Education



- School-based outreach or education
- Community-based marketing
- Clean transportation advocacy



# Clean Air Funds - Evaluation

- General criteria:
  - Local benefit, project merit, applicant history, matching funds, and projected outcomes
- Additional criteria for clean vehicle technology, transit services, and alternative transportation:
  - Cost effectiveness, cleanliness of technology, scope, and projected measurable results
- Additional criteria for public education / information:
  - Clear objective, measurable results, community partners, and length of project life



# Clean Air Funds - Application

- Submit the following documents to the air district by **4 p.m. April 18, 2025:**
  - Completed application form
  - Completed project proposal (written proposal to be attached to application form)
  - Cost-effectiveness calculation (except for infrastructure and public information projects)
- Applications should be submitted to:
  - Email to [cleanair@ysaqmd.org](mailto:cleanair@ysaqmd.org) OR
  - Mail to 1947 Galileo Court, Suite 103, Davis, CA 95618
  - Air district will email primary contact on application to confirm receipt





## MEASURING COST-EFFECTIVENESS

Cost-effectiveness calculations are required for Vehicle Replacement, Clean Vehicle Technology purchases (including bike purchases) and Transit Project Applications. Applications for Infrastructure-only projects and Public Information/Education projects are exempt from cost-effectiveness calculation requirements.

There are a series of basic equations to calculate cost-effectiveness that requires the total reduction of particulate matter (PM), reactive organic gases (ROG) and nitrogen oxides (NOx) in pounds over the life of the project.

1. Calculate the existing engine's cumulative emission factor with the deterioration rate included for each pollutant.

$$\text{Cumulative Emission Factor (CEF)} = (\text{Cumulative Hours} * \text{Deterioration Rate}) + \text{Emission Factor}$$

2. Calculate the annual emission reductions for each pollutant.

$$\text{Annual Reductions} = (\text{CEF}_{\text{existing}} - \text{EF}_{\text{new}}) * \text{Annual Hours} * \text{hp}$$

You do not need the cumulative emission factor for the new equipment.

3. Multiply the annual emission reductions for each pollutant by the project life.
4. Calculate the cost effectiveness.

$$\text{Cost of project in dollars} / [(20 \times \text{PM reductions}) + \text{ROG reductions} + \text{NOx reductions}]$$

Applicants can obtain emission factor and deterioration rate tables for heavy-duty off-road and heavy-duty on-road equipment on CARB's [website](#). Applicants can obtain emission factor and deterioration rate tables for light-duty vehicles on page 6 of this application. Applicants can also review CARB's guide, [Methods to Find the Cost Effectiveness of Funding Air Quality Projects](#).

### How to Report Cost-Effectiveness

If the project requires a cost-effectiveness calculation to be submitted, report the inputs (reductions of each pollutant) as well as the final cost-effectiveness determination in the project description section.

- Details on page 5 of application
- For heavy-duty vehicles, go to CARB's linked website next.
- For light-duty vehicles, go to page 6 of application
- Do your best! We will double check everything and are happy to help



# Clean Air Funds - Program Timeline

- Deadline to Submit Application: **4 p.m. Friday, April 18, 2025**
- District Evaluation of Applications: Late April
- Clean Air Fund Committees Meet – Applicants will be invited to speak
  - Yolo Clean Air Funds Committee: May 14, 2025 from 9 – 10:30 a.m.
  - Solano Clean Air Funds Committee: May 21, 2025 from 1:30 – 3 p.m.
  - Board of Directors Award 2025 Clean Air Fund Grants:  
June 11, 2025, 9:00 a.m.
- June 15, 2025: Notification of final award, contract execution and final budgets
- Project Implementation: July 15, 2025 - June 30, 2026



# AB 923 Clean School Bus Program

- Offers grants of up to \$400,000 to replace a conventional diesel bus with an electric replacement
  - The existing and replacement buses must be permanently domiciled within the air district's boundaries
- School Districts are eligible to receive grants for multiple school bus replacement projects at once
- Clean School Bus Program open year round



# Woodsmoke Reduction Program

## For Old Fireplaces/Woodstoves:

- Vouchers of \$2,500 to \$5,000 (income-based) to replace in-use fireplaces and old woodstoves to cleaner devices such as EPA-certified wood stove/insert or a natural gas, propane, or electric heating device.

## Heat Pump Program:

- Focused on replacing non-EPA-certified woodburning stoves, fireplaces, or open hearths with electric heat pumps that are used as the **PRIMARY** source of heat
- Vouchers of \$5,000 to \$10,000 (based on income or within priority population)

More information at: [www.YSAQMD.org/Woodsmoke](http://www.YSAQMD.org/Woodsmoke)



# Closing Tips

- After you've submitted an application...
  - If we have received an application, we will email the primary contact email listed on the application within 2 – 3 business days
  - Call the air district at 530-757-3650 if you haven't received a confirmation
  - If you don't receive an application receipt confirmation from the air district, it most likely means we didn't receive it.
- After you've received application receipt confirmation...
  - Keep checking the primary contact email!
  - We will notify the primary contact email if there's anything missing in the application – incomplete applications will not be considered for funding



# Yolo-Solano AQMD Grants Contacts

General questions or questions about the 2025 Solicitation:

[grants@ysaqmd.org](mailto:grants@ysaqmd.org)

Questions about the Clean Air Funds Program:

[cleanair@ysaqmd.org](mailto:cleanair@ysaqmd.org)

Questions about the Woodsmoke Reduction Program:

[woodstove@ysaqmd.org](mailto:woodstove@ysaqmd.org)

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