



YOLO-SOLANO
AIR QUALITY MANAGEMENT DISTRICT

Yolo-Solano Air Quality Management District 101 Air Quality and Incentives Programs

Presented By: Brielle Jamros, Public Information Officer

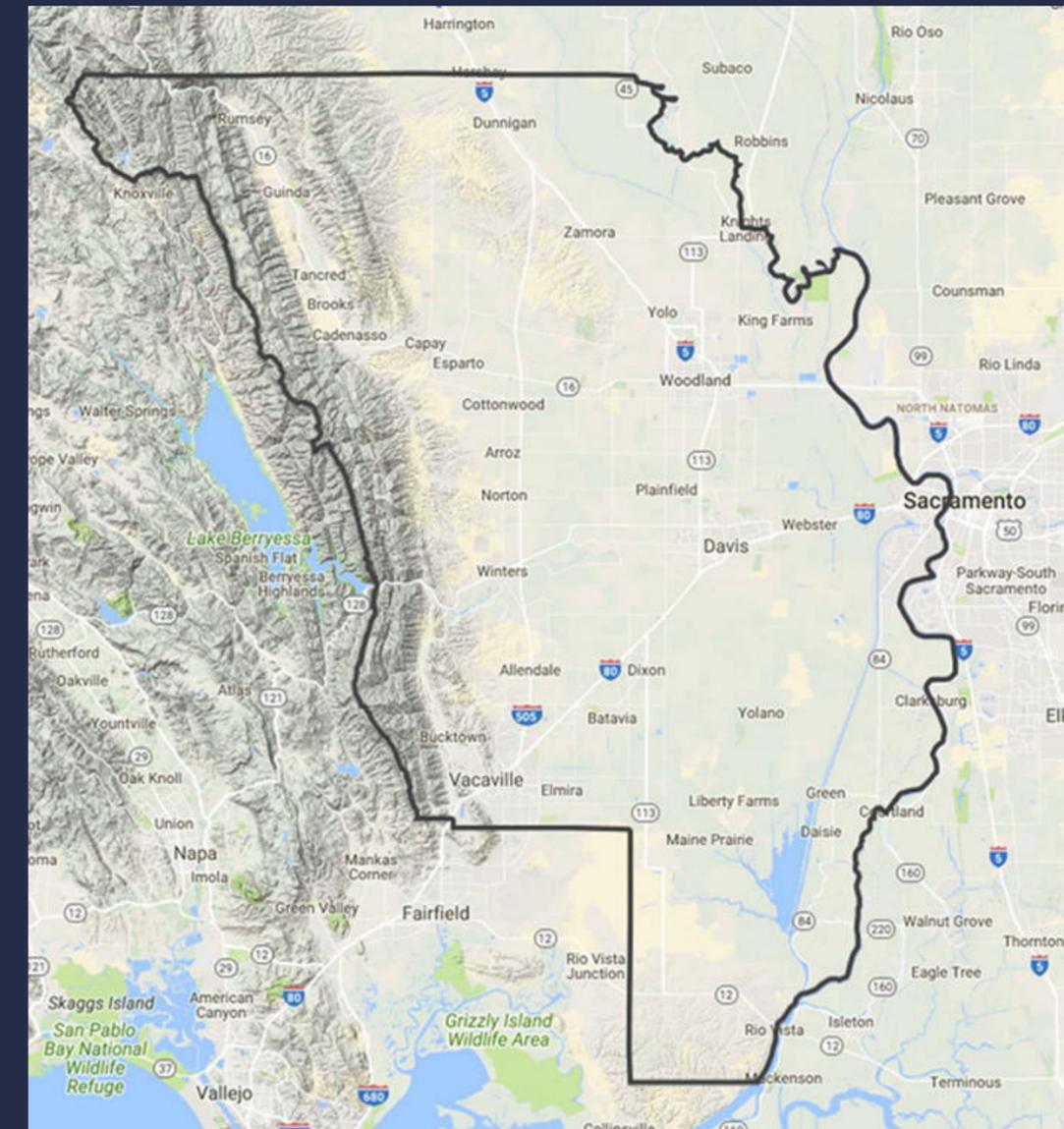
District Mission

The Yolo-Solano Air Quality Management District is responsible for protecting **human health and property** from the **harmful effects of air pollution**.

We believe **everyone has the right to breathe clean** air every day, and that belief drives everything we do, from rulemaking and permitting to enforcement, public education, planning, and monitoring.

District Background

- **1970: Yolo County APCD** formed - a special government district
- **1971:** Yolo and Solano counties formed **Yolo-Solano AQMD**, adding the portion of Solano County that is within the **Sacramento Valley Air Basin**
- The Solano County portion of the District includes **Dixon, Vacaville and Rio Vista**
- Policy is set by the **14-member Board of Directors**
- FY 25-26 budget is approximately \$12 million
- 23 full-time employees
- **One of 35** air pollution control agencies in CA
- District boundaries; **1,500 square miles** & **350,000 residents**



Air Quality Oversight

Multiple agencies are responsible for air quality:

Federal



US EPA

Regulates stationary, area, and mobile sources including interstate transportation



Trains



Ships



Planes

State



CARB

Regulates mobile and area sources of air pollution



Cars



Trucks



Buses

Local

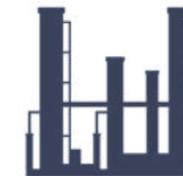


Local Air Districts

Regulates stationary and area sources of air pollution



Factories



Refineries



Residential woodstoves

What we do

- We **monitor** to know whether we meet air standards - Federal and state
- For standards we don't meet, we **develop plans** to reduce emissions
- We **adopt rules** to get reductions
- We **issue permits** to enforce rules
- We **perform inspections** to verify compliance
 - Startup inspections
 - Ongoing inspections
 - Complaints
- For sources we don't have authority to regulate, like motorized vehicles, we **offer incentives**
- We work to get the **public engaged**

Air Quality Index aka AQI

- The purpose of the Air Quality Index (AQI) is to help the public understand what local air quality means to their health
- The higher the AQI value, the greater the level of air pollutants, which means the greater the health concerns.

301+	HAZARDOUS
201-300	VERY UNHEALTHY
151-200	UNHEALTHY
101-150	UNHEALTHY FOR SENSITIVE GROUPS
51-100	MODERATE
0-50	GOOD

What to do during smoke events

Create a Cleaner Air Space

Choose a room that fits **everyone** and is comfy enough to spend time in.

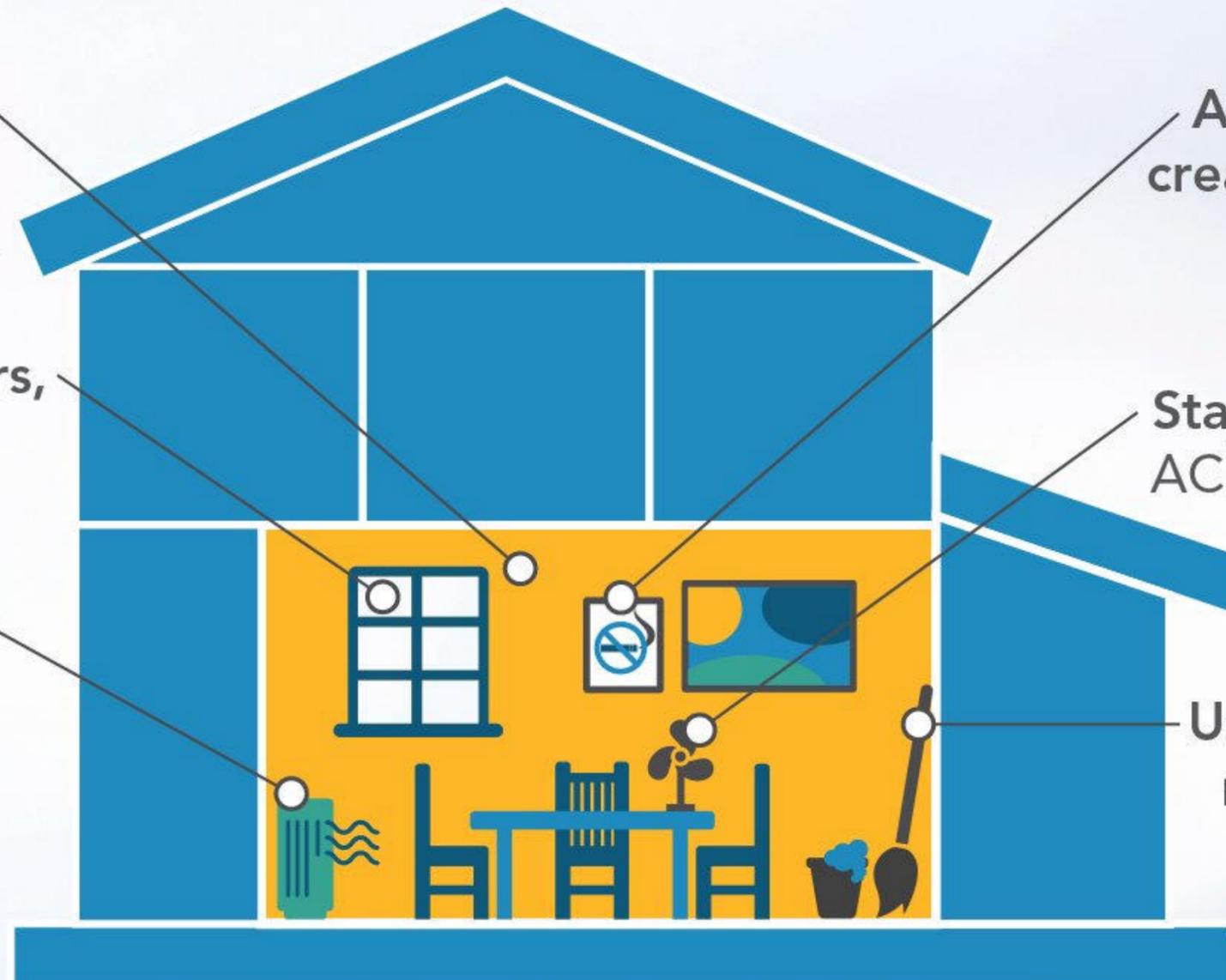
Close windows and doors, but do not block exits.

Filter the air. Use a certified portable air cleaner and run continuously on the highest setting.

Avoid activities that create **smoke** or other particles indoors.

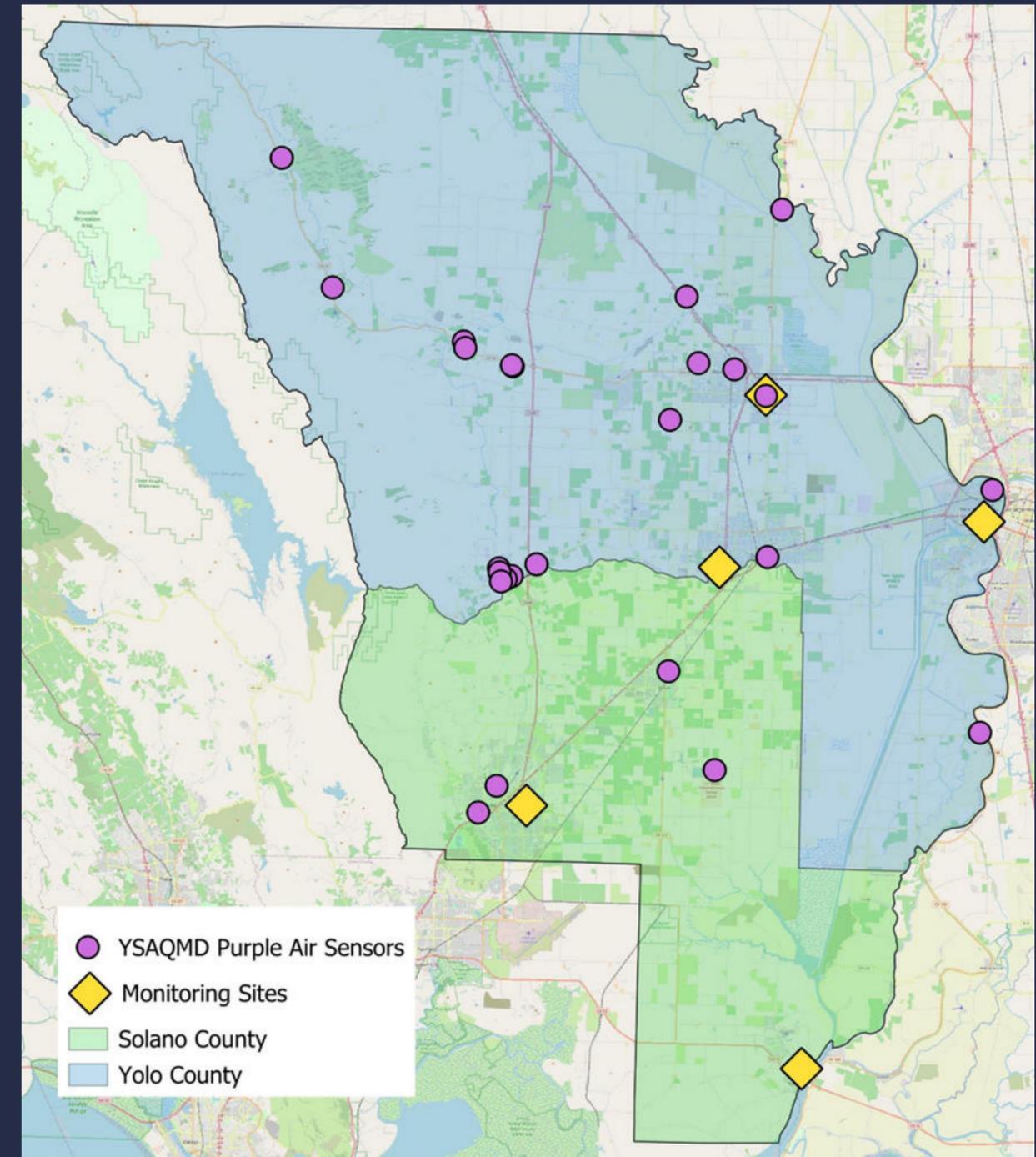
Stay cool. Run fans or AC on recirculate with a new filter.

Use a damp cloth or mop to trap settled dust and particles.



Monitoring

- Operate **five air monitoring** sites that monitor ambient PM10, PM2.5, and ozone concentrations
- Located in Esparto, Woodland, West Sacramento, Rio Vista, and Vacaville
- **26 Purple Air sensors** throughout the two counties



Engineering and Compliance

- **Update and enforce** rules
- Inspect **1,800 facilities**/sources every year
- **Issue permits**
- **Investigate complaints** - smoke, dust, odors



Planning/Incentives

- Develop **rules and plans** to meet federal and state **air quality standards**
- Provide grants to help adopt **cleaner equipment and programs** within the District
- **Annual Solicitation** - Opens in March
 - \$1.6 million in available for tractor replacement funding, harvester replacement and agricultural chipping.
- Clean Air Funds Community Grants



Clean Air Funds - Community Grants

\$350,000 available this year for Solano County Projects

- Projects must be focused on reducing emissions of air pollution within the District's jurisdiction
- Agencies, organizations, businesses and non-profits encouraged to apply
- **Applications open Feb. 2**
- Past successful projects:
 - City of Vacaville **EV Charging infrastructure**
 - New **electric van** for Vacaville Boys and Girls Club
 - **Air quality education curriculum** for the Solano Resource Conservation District Suisun Marsh Watershed Program
 - **E-bikes** for Vacaville Police Department



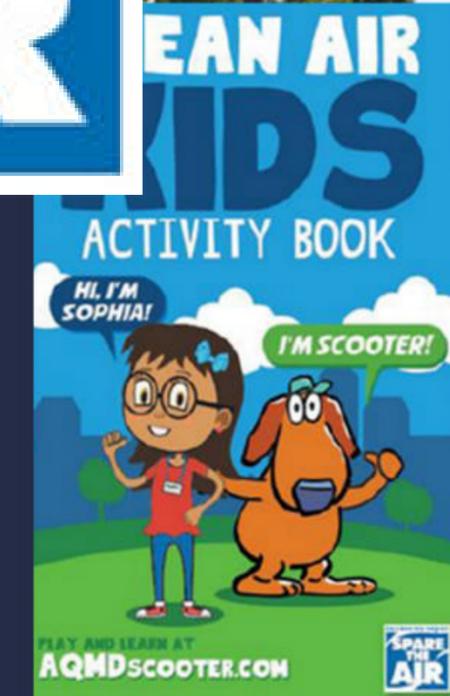
Public Education

- **Educate** residents on what we do, what programs we have, and about air pollution in general
- Main outreach campaigns:
 - **Clean Air Calendar Art Contest** for K-12 students
 - **Spare The Air**
 - **Don't Light Tonight**



Spare The Air

- Season: **May 1 – October 31**
- Pollutant of concern is ground level ozone
- Alerts are called when AQI forecast for ozone reaches **126 or higher**
- Majority ozone comes from **cars, trucks, buses, and ag equipment**
- On Spare the Air Days:
 - **Reduce driving** - carpool, combine trips, take public transit
 - **Avoid** prolonged **outdoor exposure**
- **SpareTheAir.com**



Don't Light Tonight

- Season: **Nov 1 – End of February**
- Voluntary program to reduce particulate matter, asks residents to refrain from burning wood
- Advisories are issued when AQI forecast for particulate is forecast at 78+
- **Wood smoke is toxic**
 - carbon monoxide
 - carbon dioxide
 - fine particulates
 - benzene
 - formaldehyde
- Advisories posted online and via email
<http://ysaqmd.enviroflash.org/>

DON'T LIGHT TONIGHT
ADVISORY

Monday, December 11

Please refrain from burning wood from midnight to midnight this day.

This advisory is for **Yolo County** and Dixon, Vacaville, and Rio Vista in **Solano County**.
Calm winds and strong inversion layers will hinder dispersion and trap pollutants near the ground.

To learn more about this voluntary program or to sign up for alerts, visit our site: www.YSAQMD.org/DLT

YOLO-SOLANO
AIR QUALITY MANAGEMENT DISTRICT

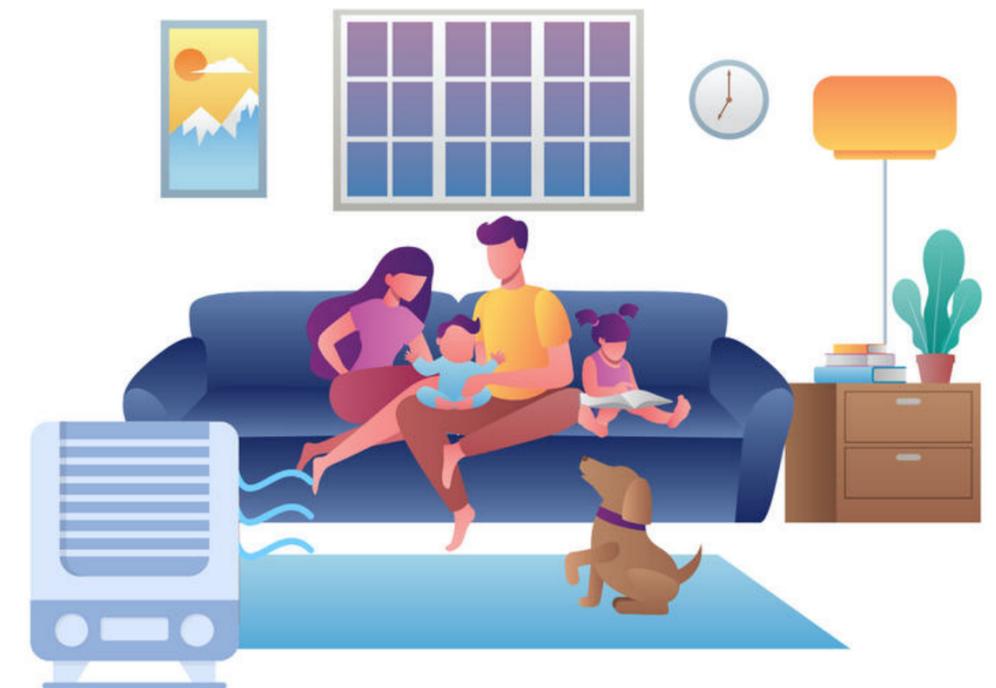


Incentives Programs for Residents

Fresh Air For All – Home Air Filtration Program

- Offers **FREE Air filtration devices** for District residents
- Keep **indoor air healthy** during smoke events and poor **air quality** days
- Only **one** per household
- YSAQMD Board of Directors recently approved \$130,000 to continue the program this year
- Applications will open in early summer

<https://www.YSAQMD.org/airfilter>



Get Cleaner Air at Home!

The Yolo-Solano Air District is offering **free** air purifiers to all residents through its **Fresh Air For All – Home Air Filtration Program**

Keep your **indoor air healthy** during smoke events and poor **air quality** days

Incentives Programs for Residents

Woodsmoke Reduction Program

- The District's Woodsmoke Reduction Program **offers money** for residents to replace their uncertified wood-burning stoves or open-hearth fireplaces with newer, cleaner burning devices.
 - **\$5,000 - \$10,000** for electric heat pumps
 - **\$2,500 - \$5,000** for fireplace/woodstove upgrades - Natural gas, propane, or electric fireplaces/inserts or EPA-certified woodstoves and inserts

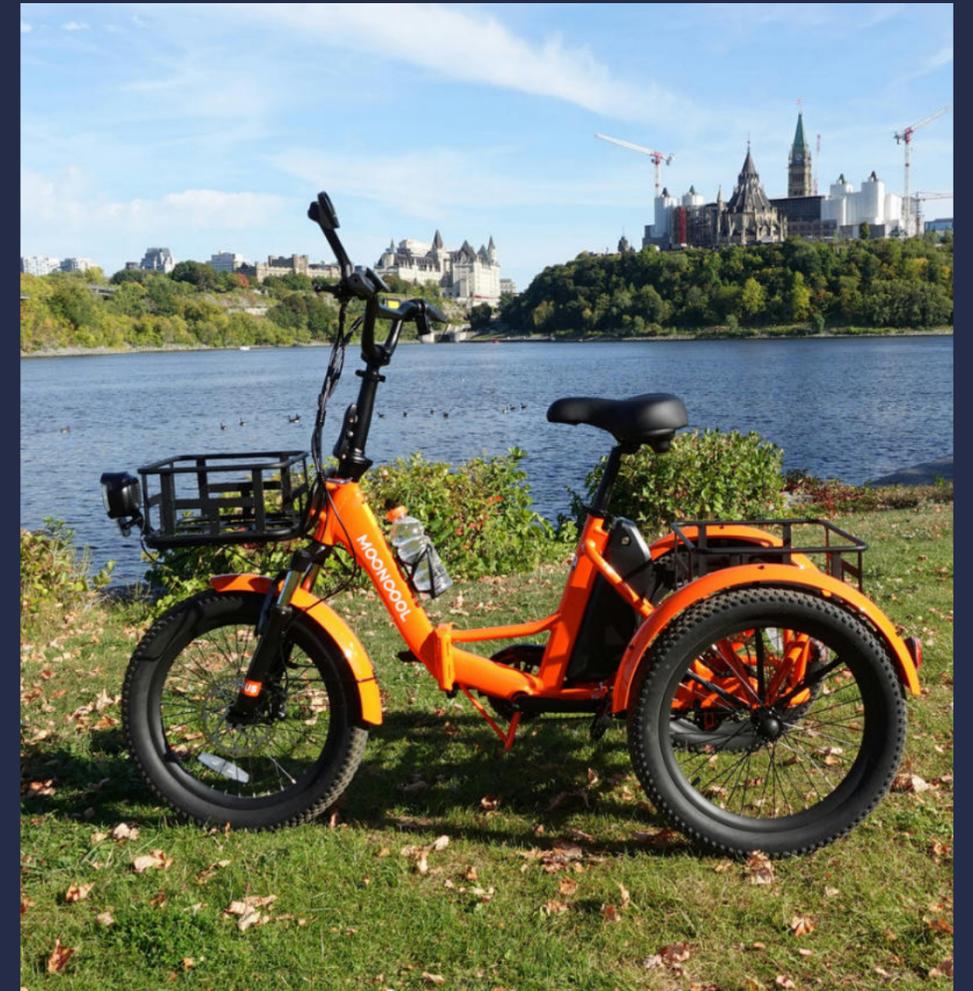


www.YSAQMD.org/woodsmoke

Incentives Programs for Residents

Proposing an E-Bike Incentive Program

- Yolo County and the Yolo-Solano Air Quality Management District are considering piloting a program that offers monetary incentives to residents to go toward the cost of purchasing an eligible e-bike.
- Vouchers would be redeemed with participating local bike shops, whose staff would apply a point-of-sale discount to the final purchase price of the e-bike.
- **Program purpose:** Reduce vehicle trips and tailpipe emissions by incentivizing residents to purchase quality e-bikes
- **Proposed Standard Voucher Amount:** \$750
- **Proposed Low-Income Voucher Amount:** \$1,500



Questions?

Brielle Jamros

Public Information Officer

Yolo-Solano Air Quality Management District

Main: 530-757-3650

Direct: 530-757-3669

Cell: 530-304-5833

Email: BJamros@YSAQMD.org

**Sign up for our
newsletter:**



**Sign up for air quality
alerts and forecasts:**

