

Urban Planning & Mobile Sources Strategies



Deploy Portable Emissions Acquisition System (PEAQS)Strategy UM-1



Concern Category

Mobile Sources

 Heavy Duty (HHD) and Medium Duty (MHD) Diesel Truck Emissions

Strategy Type

Enforcement

- PEAQS is a portable roadside emission reader that identifies potential highemitting trucks.
- PEAQS is equipped with a license plate reader and will count the number of heavy-duty vehicles over 14,000 lbs. passing by the roadside location.
- Inspect HHD and MHD trucks for compliance with CARB diesel regulations.
- Enforce HHD and MHD idling regulations.
- Write citations if non-compliance is found.

Strategy

Deploy Portable Emissions Acquisition System (PEAQS) once/twice a year for 5 years

Actions

The California Air Resources Board (CARB) will work with the South Sacramento-Florin Community Steering Committee (CSC), Sac Metro Air Quality Management District (Sac Metro Air District), and California Highway Patrol (CHP) to identify locations to deploy safe roadside inspections within the South Sacramento-Florin AB 617 boundary, that have high heavy-duty truck traffic or are a concern to the community.

- Identify potential locations through CSC input, enforcement data, Air District knowledge and CHP suggestions.
- Scout locations for feasibility of PEAQS deployment for safety and truck activity.
- Schedule deployment with CHP.
- · Deploy PEAQS.
- Report the results to CSC.
- Repeat steps biennially/annually.

Goals (Quick)

- Engage CSC with CARB enforcement activities.
- Deter high-emitting non-compliant trucks from operating within the boundary.
- Collect traffic data for HHD and MHD with a license plate reader.
- Share results with CSC with the exception of Personally Identifiable Information (PII).

Estimated Timeline(s)

Early Action:

- May 12-26, 2025: Identify safe locations to deploy PEAQS
- June-July 2025: Deploy PEAQS in the early morning/midday to account for summer heat
- September 2025: Report results back to CSC

Long Term Action:

- January-June and July-December 2026: deploy PEAQS
- January-June and July-December 2027: deploy PEAQS
- January-June and July-December 2028: deploy PEAQS
- January-June and July-December 2029: deploy PEAQS

- Number of PEAQS deployment days
- Number of trucks screened, and citations written
- Number of report backs to community

Implementing Agency, Organization, Other Entity, or Potential Partner(s)

Name	Responsibilities
CARB	 Work with CHP to schedule safe PEAQS deployment Collect data and report results
Community Steering Committee, CARB, and Sac Metro Air District	Work together to suggest locations for PEAQS safe deployment

Additional Information

• Video of how CARB operates PEAQS

Roaming Idling Inspections during PEAQS DeploymentStrategy UM-2



Concern Category

Mobile Sources

 Heavy Duty (HHD) and Medium Duty (MHD) Diesel Truck Emissions

Strategy Type

Enforcement

- During PEAQS deployment (see PEAQS strategy UM-1) CARB staff will send a team of two to roam the surrounding areas and nearby sensitive receptor locations.
- PEAQS is a portable roadside emission reader that identifies high emitting truck polluters in passing truck traffic.
- Inspect HDD and LDD trucks for compliance with CARB diesel idling regulations.
- Write citations if non-compliance is found.

Strategy

Roaming idling inspections during PEAQS deployment

Actions

CARB will work with the Community Steering Committee (CSC), Sac Metro Air Quality Management District (Sac Metro Air District), and California Highway Patrol (CHP) to identify locations to deploy safe roaming inspections within the South Sacramento-Florin 617 boundary, that have high heavy-duty truck traffic, near sensitive receptors, or are a concern to the community.

- Identify potential locations through CSC input, enforcement data, air district knowledge, maps, and CHP suggestions.
- · Roam locations near PEAQS deployment.
- Roam nearby sensitive receptor locations (e.g. schools, hospitals, senior care facilities).
- Report back results to CSC.
- Repeat during every PEAQS deployment.

Goals (Quick)

- Engage CSC with CARB enforcement activities.
- Deter diesel trucks from idling within the boundary.
- Share results with CSC.

Estimated Timeline(s)

Early Action:

- May 12-26, 2025: Identify safe locations to deploy PEAQS
- June-July 2025: Deploy PEAQS and send roaming team to inspect idling
- September 2025: Report results back to CSC

Long Term Action:

- January-June and July-December 2026: send roaming team to inspect idling
- January-June and July-December 2027: send roaming team to inspect idling
- January-June and July-December 2028: send roaming team to inspect idling
- January-June and July-December 2029: send roaming team to inspect idling

- Number of idling inspections during roaming days
- Number of trucks inspected, and number of citations written
- Number of report backs to community

Implementing Agency, Organization, Other Entity, or Potential Partner(s)

Name	Responsibilities
CARB	 During PEAQS deployment, send out a roaming team to inspect idling Collect data and report back results
Community Steering Committee, CARB, and Sac Metro Air District	 Work together to suggest locations for PEAQS safe deployment and idling roaming

Additional Information

• Video of how CARB operates PEAQS

Increase Tree CanopiesStrategy UM-3



Concern Category

Urban Planning

Strategy Type

- Incentives
- Public Outreach

Strategy

Increase tree canopies to provide more shade and cool surfaces in areas of concern and/or create vegetative barriers to protect communities from sources of pollution

Actions

- Outreach and engage with businesses and private property owners to encourage new tree canopies and vegetative barriers on private properties and maintaining existing canopy.
- Identify areas of concern and potential project locations.
- Meet with local jurisdictions and Community Steering Committee (CSC) to discuss prioritized areas and develop a plan to increase tree canopies in areas of concern (e.g. parks, sidewalks, bus stop, etc.).
- Fund the South Sacramento Tree Alliance project that includes these elements:
 - Plant 1000 trees in South-Sacramento Florin community, specifically the Franklin Boulevard corridor area.
 - Implement outreach and education campaign (workshops, planting events).
- Identify other sources of funding or programs available for tree planting/vegetative barrier projects.
 - When available, apply to fund new projects in the community.
- Design and launch Incentive Program:
 - Fund the design, planting, and maintenance of vegetative barriers between sources of pollution and communities.
 - Fund the design, planting, and maintenance of community greening programs to increase tree canopy in key locations to reduce urban heat island effect and increase active modes.
- Partner with Color the Block to distribute 300+ trees to the South Sacramento-Florin Community.

Goals (Long-Term)

- Maintain regular communication with other jurisdictions to address areas of concern.
- Increase tree canopies and vegetative barriers to reduce exposures in areas with sensitive populations.
- Launch an incentive program, pending the availability of funds, for well-qualified projects to address. sources of pollution within the community.
- Prioritize projects that will provide at least 50% tree canopy within 15 years in the project area.

Estimated Timeline(s)

- November 2025: Distribute 300+ trees to the South Sacramento-Florin Community
- End 2025-2027: Implement South Sacramento Tree Alliance Project
- Mid-end 2026: Connect with local businesses and private property owners to share information
- Mid-end 2026: Connect with other jurisdictions to discuss strategy
- Mid 2026, On-going: Provide an update for new or existing programs to support tree planting
- End 2026-mid 2027: Launch an incentive program (pending availability of funds) and/or apply for funding and to implement projects

Tracking Metrics

- # of engagement with business and private property owners
- # of dollars spent on tree canopies and/or vegetative barriers
- # of areas, corridors, or spaces with new trees/vegetation planted
- # of new trees or vegetation planted
- · Survival rate of trees

Name	Responsibilities
Sac Metro Air District	 Maintain regular communication with CSC and local jurisdictions Design an incentive program for urban greening and/or vegetative barriers Provide updates on other available funding sources for new projects
Local jurisdictions (City of Sacramento, City of Elk Grove, Sacramento County)	 Work with Sac Metro Air District to identify potential programs for tree planting and/or vegetative barriers City of Sacramento commits to having a CSC member on the Urban Forest Plan Implementation Working Group
Community Steering Committee	Apply for and incorporate tree canopies/vegetative barriers within the community
Sacramento Tree Foundation and United Latinos	Supplemental Environmental Project implementation
Color the Block	Partner with Sac Metro Air District to Distribute trees to the community in November 2025
Meadowview Urban Tree Project	Partner with Sac Metro Air District to identify potential programs to increase tree canopy

Safe & Resilient Streets - Quick Builds Strategy UM-4a



Concern Category

Urban Planning

Strategy Type

• Urban Planning/Public Works

Strategy

Support installation of quick builds to create protected and shaded cycling and walking routes

Actions

- Identify community desired infrastructure.
- Prioritize locations for intervention.
- Implement a Neighborhood Street Safety Program work with jurisdictions.
- Fund changes to the built environment.

Goals (Long-Term)

- Increase tree canopy for foot and cycle paths.
- Increase and prioritize pedestrian and cyclist safety.
- Reduce vehicle miles traveled within the South Sacramento Florin Community.

Estimated Timeline(s)

 2027-2031: Implement the neighborhood street safety program and install quick builds to enhance pedestrian and cyclist safety

Tracking Metrics

of quick builds installed

Name	Responsibilities
Sac Metro Air District	Provide information on areas with high urban heat impacts which would benefit from cooling strategies
Local Jurisdictions (i.e. County of Sacramento, City of Elk Grove, and City of Sacramento); CalTrans	 Identify high-injury corridors Design and implement safety enhancements for vulnerable road uses Evaluate existing street standards and incorporate, as feasible, additional safety and cooling strategies for vulnerable road users
Community Steering Committee	 Assist with identification of locations in need of safety and cooling treatments

Safe & Resilient Streets - Standards Strategy UM-4b



Concern Category

Urban Planning

Strategy Type

• Urban Planning/Public Works

Strategy

Support and/or amend street standards to create protected and shaded cycling and walking routes

Actions

- Identify community desired infrastructure.
- Locate deficiencies in existing standards.
- · Prioritize locations for intervention.
- Work with local jurisdictions to adopt new design or redesign standards and to implement improvements.
- Implement a Neighborhood Street Safety Program work with jurisdictions.

Goals (Long-Term)

- Increase tree canopy for foot and cycle paths.
- Increase and prioritize pedestrian and cyclist safety.
- Reduce vehicle miles traveled within the South Sacramento Florin Community.

Estimated Timeline(s)

• 2026-2031: Adopt or evaluate standards to focus on pedestrian and cyclist safety

Tracking Metrics

- # of VMT reduced in specific routes, where changes were in effect
- Type of change discussed or implemented to street standards
- # of standards reviewed

Name	Responsibilities
Sac Metro Air District	Provide information on areas with high urban heat impacts which would benefit from cooling strategies
Local Jurisdictions (i.e. County of Sacramento, City of Elk Grove, and City of Sacramento); CalTrans	 Identify high-injury corridors Design and implement safety enhancements for vulnerable road uses Evaluate existing street standards and incorporate, as feasible, additional safety and cooling strategies for vulnerable road users.
Community Steering Committee	 Assist with identification of locations in need of safety and cooling treatments. Review and comment on street standards.

Increase Clean Mobility Options with Zero Emissions Vehicles and Charging Infrastructure - Infrastructure Only Strategy UM-5a



Concern Category

Mobile Sources

Strategy Type

- Incentives
- Public Outreach

Strategy

Support the transition to zero-emissions vehicles through adding fast-charging infrastructure and mobility hubs

Actions

 Create more fast-charging and hydrogen fueling opportunities for both the public and community-serving commercial vehicles.

Goals (Medium-Term)

 Increase availability and reliability of charging infrastructure with emphasis on fast charging and leveraging existing partnerships.

Estimated Timeline(s)

The timeline and the following associated milestones will be established once additional funding becomes available:

 Prioritize and fund mobility hubs and charging infrastructure, including fast-charging, that is open to the public

Tracking Metrics

of publicly available level 2 chargers, level
 3 chargers, hydrogen fueling stations

Name	Responsibilities
Sac Metro Air District	 Recruit eligible participants in desirable locations for creation of mobility hubs, charging infrastructure, and hydrogen fueling infrastructure
Community Steering Committee	Recruit eligible participants

Increase Clean Mobility Options with Zero Emissions Vehicles and Charging Infrastructure - Enhanced Clean Cars for All / No-Scrap 12/2/2025 Strategy UM-5b



Concern Category

Mobile Sources

Strategy Type

- Incentives
- Public Outreach

Strategy

Increase clean mobility options for residents with the Clean Cars for All (CC4A) program

Actions

- Enhance the CC4A program by:
 - Streamlining application and award process for eligible participants.
 - Making available charging installation/credits for participants.
 - Working with funding organizations to remove eligibility barriers, including registration/insurance continuity requirements and scrap requirements.
- Explore mobility options for vehicle modifications to increase accessibility.

Goals (Medium-Term)

- Reduce application to award letter timeline to no more than three months.
- Increase dealer options.
- Ensure consumer protections for program participants.

Estimated Timeline(s)

The timeline and the following associated milestones will be established once additional funding becomes available:

- · Streamline application and award processes
- Establish no-scrap CC4A program

Tracking Metrics

- Days from completed application to award letter
- # of cars scrapped
- · # of cars purchased

Name	Responsibilities
Sac Metro Air District	 Recruit dealers Oversee local CC4A program Recruit eligible participants for CC4A program
Community Steering Committee	Recruit eligible participants

Increase Clean Mobility Options with Zero Emissions Vehicles and Charging Infrastructure - Electric Bicycle Voucher Strategy UM-5c



Concern Category

Mobile Sources

Strategy Type

- Incentives
- Public Outreach

Strategy

Increase clean mobility options for residents with electric bicycle (eBike) vouchers

Actions

- · Explore mobility options
- Increase subsidized mobility options for community members with eBike vouchers.

Goals (Medium-Term)

• Increase mobility options.

Estimated Timeline(s)

The timeline and the following associated milestones will be established once additional funding becomes available:

• Establish no-scrap eBike program

Tracking Metrics

• # of eBikes purchased

Name	Responsibilities
Sac Metro Air District	Recruit dealers and bike vendorsDevelop eBike voucher program
Community Steering Committee	Recruit eligible participants

Reduce Idling at Schools and Sensitive ReceptorsStrategy UM-6



Concern Category

Urban Planning

Strategy Type

Outreach

Strategy

Limit the location and negative impacts of idling at schools and near sensitive receptors (parks, hospitals, clinics)

Actions

- Provide signage to discourage idling at school pick-up and drop-off locations.
- Work with Public Work departments to ensure loading zones are away from sensitive receptors.
- Monitor for emissions impacts from idling near schools, parks, hospitals, and clinics.
- Explore policy change of currently exempt vehicles or idling only in designated areas.

Goals (Medium-Term)

• Reduce impact of idling on the community.

Estimated Timeline(s)

The timeline and the following associated milestones will be established once additional funding becomes available:

- · Identify locations of excessive idling
- Work with CARB and School Districts to place appropriate signage in high-idling locations around schools to encourage residents to shut-off their engines
- Alter curb regulations and signage to prevent idling in sensitive locations.

Tracking Metrics

- # schools implementing anti-idling programs
- # locations with curb regulation change

Name	Responsibilities
Sac Metro Air District	Work with school districts, local jurisdictions, and other agencies to share information, provide guidance, and encourage anti-idling habits at schools and sensitive areas
School Districts	Post appropriate signage to reduce idling
Community Steering Committee	Identify locations with unacceptable levels of idling
Local jurisdictions (City of Sacramento, City of Elk Grove, Sacramento County)	Implement curb regulation changes in locations identified by the Community Steering Committee
California Air Resources Board	Work with Community Steering Committee and local agencies to identify locations, where feasible, to install <i>No Idling</i> signs on roadsides, at schools, and parks

Portable Air Monitor Distribution Program Strategy UM-7



Concern Category

- Outreach
- Air Monitoring

Strategy Type

- Outreach
- · Air Monitoring

Strategy

Increase awareness of particulate matter concentrations and the impact it can have on human health

Actions

- Provide outreach information to the South Sacramento –
 Florin community. Outreach information to include where
 to find air quality information, sources of particulate matter,
 and the impact on health.
- Attend community events in the South Sacramento Florin community and distribute information about particulate matter and portable sensors.
- During the public outreach events, compile a list of people that would like to install an air sensor at their residence.
- Determine eligibility of applicants and determine recipients of the sensors.
- Provide portable sensors to participants that would like to install a particulate matter monitor at their residence.

Goals (Medium-Term)

- Educate the community about particulate matter and its health impacts.
- Enhance real time air quality information within the community by providing free portable air sensors and educate on how the community can use this information.

Estimated Timeline(s)

The timeline and the following associated milestones will be established once additional funding becomes available:

- Community events will be attended within the first year of implementation
- Portable sensors will be distributed within two years of implementation

- Number of community events attended
- Record the number of people visiting our booth at community events
- Record the number of people interested in deploying a portable sensor
- Record the number of people that receive a portable sensor and map the additional coverage it provides

Name	Responsibilities
Sac Metro Air District	 Attend a minimum of three community events Distribute portable sensors to interested community members Map the additional particulate matter coverage in the South Sacramento – Florin community

Increase Public Ridership on Public TransportationStrategy UM-8



Concern Category

Mobile Sources

- Mobility
- Vehicle Emissions
- Public Transportation

Strategy Type

- Incentives
- Public Outreach

Strategy

Increase public ridership on public transportation within the community

Actions

- Work with organizations, businesses, and agencies to provide incentives for employees to take sustainable transportation (i.e., carpool, public transportation, electric vehicle).
- Work with the Sacramento Regional Transit (SacRT) to continue the funding for a free yearly bus pass to community members, focused on increasing student ridership.
- Provide public outreach to community members on information on how to access transportation apps, how to access maps and routes, and schedules.
- Provide transportation demand management services for residents and businesses within the community.

Goals (Medium-Term)

- Reduce traffic congestion in the community with increased ridership on public transportation.
- Align bus routes with school schedules to help students arrive at school on time.
- Increase website traffic activity for SacRT.

Estimated Timeline(s)

The timeline and the following associated milestones will be established once additional funding becomes available:

- Work with SacRT to continue the program to fund free yearly bus passes
- Work with SacRT to do public outreach to the community on information about the website, maps/routes, and schedules.
- Work on a plan to work with organizations to provide materials and information/ materials.
- Work with organizations, businesses, and agencies to provide incentives.

- Tracking ridership on how many times the passes were used
- Number of annual passes issued
- Number of organizations, businesses, and agencies participating in the commuter incentive program.

Name	Responsibilities
Sacramento Regional Transit (SacRT)	Adjust schedules to facilitate student tripsProvide Subsidized transit passes to eligible riders
Sacramento Transportation Management Association	Provide transportation demand management services within the community
Sac Metro Air District	 Work with SacRT and other agencies to provide support for outreach and funding
Community Steering Committee	 Increase community buy-in by participating outreach events and sharing information
School Districts	Inform SacRT of bell schedules

Industrial and Warehouse Uses/Zoning Strategy UM-9a



Concern Category

Urban Planning

Strategy Type

- Regulatory
- Incentives

Strategy

Limit new and reduce existing negative impacts of industrial and warehouse uses

Actions

- Ensure compliance with AB 98 and other state warehouse requirements.
- Update development standards to require buffer zones, vegetative barriers, truck routing plans, transportation demand management, and other provisions, especially near sensitive receptors (such as neighborhoods, schools, community centers, etc).
- Ensure appropriate enforcement of development standards.

Goals (Long-Term)

- Reduce impact of industrial and warehouse uses on the community
- · determine thresholds

Estimated Timeline(s)

- 2025: Elk Grove Climate Action Plan public comment in July 2025
- 2027-2029: City of Sac Implementing GP actions (Environmental Justice performance standard study - 2027)
 Phase I of a zoning overhaul (simplification, fewer residential zones & objective development standards 2028-2029)

The timeline and the following associated milestones will be established once additional funding becomes available:

- Steering committee recommends amendments to the zoning codes, development standards and/or design guidelines for the three jurisdictions within the AB 617 community
- Have jurisdictions appropriate development standards for specific land uses

• Adoption of amendments to zoning code, design guidelines, and development standards

Name	Responsibilities
Sac Metro Air District	Advise the steering committee or their designees on development standards which would reduce impacts
Local jurisdictions (City of Sacramento, City of Elk Grove, Sacramento County)	 Advise the steering committee or their designees on development standards which would reduce impacts Present steering committee recommendations to their elected boards for action
Community Steering Committee	Recommend development standards to local jurisdictions

Industrial and Warehouse Uses and Zoning - Truck Route Study Strategy UM-9b



Concern Category

Mobile Sources

Strategy Type

Study

Strategy

Conduct truck route studies to identify areas of concern

Actions

• Conduct cut-through route studies to substantiate the need for any changes, as needed.

Goals (Long-Term)

• Reduce impact of industrial and warehouse uses and truck routes in key areas.

Estimated Timeline(s)

The timeline and the following associated milestones will be established once additional funding becomes available:

• Work with local jurisdictions to conduct truck route studies

Tracking Metrics

- · Completion of studies
- · Identification of areas of concern

Name	Responsibilities
Sac Metro Air District	Work with local jurisdictions and Community Steering Community to conduct truck route studies
Local Jurisdictions (i.e. County of Sacramento, City of Elk Grove, and City of Sacramento); CalTrans	 Conduct truck route study Present to the Community Steering Committee truck route study results Present steering committee recommendations to their elected boards for action
Community Steering Committee	Recommend initial areas of concern to local jurisdictions.

Community Input on Truck Routes Strategy UM-10



Concern Category

Mobile Sources

Strategy Type:

Public Outreach

Strategy

Increase community input on truck route decisions

Actions

 Ensure the Community Steering Committee (CSC) (or their designee) are involved in any decisions with the California Department of Transportation (Caltrans), County of Sacramento, City of Elk Grove, and City of Sacramento regarding the establishment or designation of truck routes within the designated community.

Goals (Long-Term)

• Reduce truck emissions in key areas.

Estimated Timeline(s)

The timeline and the following associated milestones will be established once additional funding becomes available:

- Ensure Caltrans, County of Sacramento, City of Elk Grove, and City of Sacramento will route any truck route proposals to the steering committee for review and comment
- Number of truck route project proposals that CSC members provided comments on

Tracking Metrics

- Number of proposed amendments to the California Truck Route network within the designated community
- Number of truck route project proposals that CSC members provided comments on

Name	Responsibilities
Sac Metro Air District	Ensure all truck route processes involve the Community Steering Committee
Local Jurisdictions (i.e. County of Sacramento, City of Elk Grove, and City of Sacramento); CalTrans	Ensure Assembly Bill 98 implementation involves the Community Steering Committee
Community Steering Committee	Review and comment on truck route proposals

Commercial Vehicle Replacement ProgramStrategy UM-11



Concern Category

Mobile Sources

Strategy Type

- Public Outreach
- Incentive Programs

Strategy

Incentive strategy to transition from diesel to zero-emission commercial vehicles

Actions

- Fund scrap-and-replace programs for commercial vehicles (evaluate funding not from CERP/CAP funding, but Cap-and trade funding from other 'buckets').
- Provide supporting electric or hydrogen fueling infrastructure.
- Include no-scrap vehicle options (especially for smaller fleets).
- Prioritize vehicles with regular routes and long dwell times in the AB 617 community (such as school buses, garbage trucks, delivery vehicles, or vehicles based at warehouses in the community).

Goals (Long-Term)

- Reduce diesel emissions with the AB 617 Community.
- Increase acceptance and use of zero-emission technologies.
- Support small fleets and community organizations.

Estimated Timeline(s)

The timeline and the following associated milestones will be established once additional funding becomes available:

- Execute incentive solicitation to forward program goals
- Deliver projects within the AB 617 Community

- # vehicles scrapped
- Tons of pollution removed/prevented
- # of participants
- # of electric or hydrogen fueling infrastructure installed

Implementing Agency, Organization, Other Entity, or Potential Partner(s)

Name	Responsibilities
Sac Metro Air District	Manage incentive programEnsure project delivery and compliance
Community Steering Committee	Recruit eligible participantsReview solicitation criteria to ensure program goals being met

Additional Information

• Sac Metro Air District incentive programs: https://www.airquality.org/Businesses/Incentive-Programs