

Urban Planning & Transportation

Community Emissions Reduction Program

February 24, 2024

Presenter: Carolyn Tran, Air Quality Planner/Analyst

Exposure reduction is a strategy used to minimize the amount of people who are exposed to harmful emissions or other risks in their community.

Urban Planning



Transportation Planning

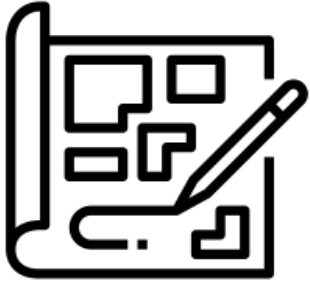


Incentives & Grants



Illustration by Jimmy Collins

Community Concerns



Urban Planning

EV infrastructure
Trees and greenspaces
Truck idling
Truck routes
Communities between
freeway and industrial



Mobile Sources

Idling vehicles
-near residential areas
-light rail & trains crossings
Heavy duty-trucks
Highway traffic & high- traffic roadways
(e.g. Franklin Blvd, Mack Rd, Stockton Blvd)



Residential Sources

Indoor air quality
Wood-burning (wintertime)
Landscaping equipment
-gas powered

What are potential strategies we should focus on in
Urban Planning, Mobile Sources, or Residential
Souces?

Taking a Pro-active Approach



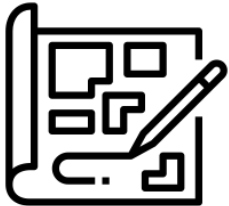
Sac Metro Air District - Clean Cars 4 All

- Provides an incentive for eligible residents to replace gas-powered cars with emission friendly cars



City of Stockton – Burn Cleaner Program

- Incentive offered to replace wood-burning stoves & natural gas, with electric stoves; and heating source with electric heat pumps



San Bernardino (South Coast AQMD) – Increase Green Space Area

- Identified areas for potential projects; Identified new/existing programs to provide funding for tree planting

Community Greening Solicitation

- Proposing a new category to include funding for community greening and vegetative barrier projects

Connecting Concerns With Options



- Incentive program for cleaner trucks and buses
- Incentive program for clean cars and E-bikes or scooters
- Zero emissions fueling sources and infrastructure
- Anti-idling campaign
- Enforcement signs with numbers/QR codes



- Safer Streets for walking and biking
- More shade, cool surfaces, and trees



- Incentive program for landscape equipment, wood-burning and combustion-free appliances
- Air filters in key locations
- Freeway walls and vegetative barriers

What are the key points from this evening's discussion?

Thank You