

Other AB617 Community Emission Reduction Program Strategies

West Oakland Community

Section	Description	Ready to go, Policy Change, or Study/Pilot
Other Mobile Sources	The City of Oakland collaborates with MTC and ACTC to consider a program for extending car sharing to low-income individuals and groups in West Oakland.	Policy changes
Trucks	The Port of Oakland studies the effects on truck flow and congestion due to increasing visits from larger container ships, the feasibility of an off-terminal container yard that utilizes zero emission trucks to move containers to and from the marine terminals, and the potential efficiency gains from increasing the number of trucks hauling loaded containers on each leg of a roundtrip to the Port.	Policy Changes
Land Use	The City of Oakland amends existing City Ordinances and Administrative policies to list freight and trucking related businesses as prohibited uses within West Oakland.	Policy Changes
Land Use	The City of Oakland develops a plan to limit the hours that trucks can operate in the community.	Policy Changes
Stationary Sources	The Air District advocates for a plan that East Bay Clean Energy and PG&E are spearheading to replace the Dynergy Power Plant with a cleaner and more reliable sources of energy by 2022.	Policy Changes
Health Programs	The City of Oakland works with local and agency partners to implement regional and local adoption of the State Department of Public Health's Health in All Policies Program.	Policy Changes
Health Programs	Consistent with the Oakland Healthy Development Guidelines, the City of Oakland implements a project-wide smoking ban in Oakland at new developments.	Policy Changes
Health Programs	Consistent with the State's Building Energy Efficiency Standards for air filtration in effect as of 1/1/19, the City of Oakland requires newly constructed buildings of 4 or more units to include air filtration systems equal to or greater than MERV 13 (ASHRAE Standard 52.2), or a particle size efficiency rating equal to or greater than 50% in the 0.30-1.0 microgram range and equal to or greater than 85% in the 1.0-3.0 microgram range (AHRI Standard 680).	Policy Changes
Health Programs	The City of Oakland works with the agency and community partners to undertake participatory budgeting with West Oakland community members to allocate local health improvement grants that reduce emissions or exposure to emissions.	Policy Changes

Health Programs	City of Oakland works with local businesses, partner agencies, and community members to develop a Green Business Strategic Plan to attract, retain, and support innovative green companies in West Oakland. This effort includes coordination with State and local agencies to develop a criterion for green business certification for new and existing businesses.	Policy Changes
Health Programs	California Air Resources Board (CARB) sets a limit on <u>West Oakland's cumulative exposure to TACs.</u>	Policy Changes
Health Programs	City of Oakland works with community partners to align West Oakland zoning with the Healthy Development Guidelines and apply the Guidelines to new building projects.	Policy Changes
Land Use	City of Oakland creates a comprehensive area-wide urban canopy forest plan that identifies locations that trees can be added and maintained, such as parks and along Caltrans' right-of-way, and develops a plan to protect existing trees that reduce exposure to air pollution emissions in West Oakland. This includes partnering with local nonprofit groups and encouraging trees on private property.	Policy Changes

South Central Fresno Community

Section	Description	Ready to go, Policy Change, or Study/Pilot
Heavy Duty Trucks	Incentives for replacement of diesel-powered trucks and school buses. Support development of zero and near-zero clean fueling infrastructure. Statewide actions to reduce emissions and enhanced enforcement efforts.	Policy changes
High Polluting & Idling Cars	Sponsor local car repair events. Incentives for passenger car replacement.	Policy Changes
Residential Wood Burning	Replacement incentives. Enhanced enforcement of wood burning curtailments.	Policy Changes
Land Use/Industrial Development	Provide assistance during environmental review. Collaboration with other State and local agencies.	Policy changes
Illegal Burning	Outreach and education on illegal burning. Enhanced enforcement of illegal burning.	Policy changes

Industrial Processes	Incentivize emissions control technology. Enhanced inspection and evaluation of current regulations.	Policy Changes
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Shafter Community

Section	Description	Ready to go, Policy Change, or Study/Pilot
Heavy Duty Trucks and Locomotives	Incentives to replace diesel-powered trucks and older locomotives. New CARB measures and enforcement strategies.	Policy changes
Older/High Polluting Cars	Incentives to replace passenger vehicles with battery electric or plug-in hybrid. New CARB measures and enforcement strategies.	Policy Changes
Residential Wood Burning	Replacement incentives. Enhanced enforcement of wood burning curtailments.	Policy Changes
Agricultural Sources	Partner with DPR and CARB to reduce exposure to pesticides in the community. Incentives to replace nut harvesting equipment with low-dust harvesting.	Policy changes
Oil and Gas Operations	Amend Rule 4311 (Flares) to require ultra-low Nox controls where feasible. Evaluate feasibility of funding further reductions, e.g. electrifying pump jacks.	Policy changes
Fugitive Dust	Road and sidewalk improvements to reduce dust. Partnerships to identify opportunities to expand/improve street sweeping.	Policy Changes

Imperial County

Section	Description	Tier I & Tier II/ Policy Changes
Area-Wide Sources	Area-wide sources are emission sources that occur over a large geographic area. Examples of area-wide sources include: architectural coatings, farming operations, and road dust.	Policy Changes
Land Use	The City of Oakland amends existing City Ordinances and Administrative policies to list freight and trucking related businesses as prohibited uses within West Oakland.	Policy Changes

On-Road Mobile Sources	On-road mobile sources include vehicles that travel on roads for the transportation of passengers or freight. The Vehicle Emissions on Each Road (VEER) approach, developed by CARB, was used to assign on-road vehicle emissions to every road within the El Centro-Heber-Calexico Corridor	Policy Changes
Off-Road Mobile Sources	Types of off-road mobile sources include: aircraft, trains, farm equipment, construction equipment, and boats	Policy Changes
Accelerated BARCT	ICAPCD is in the process of identifying one or more potential control options for this equipment, reviewing the cost effectiveness of each potential control option, and calculating the incremental cost-effectiveness of each potential control option	Policy Changes
Wood Burning	Woodsmoke Reduction Program is administered by CARB and offers financial incentives for the replacement of residential wood burning devices with more efficient equipment.	Tier I
Urban Greening Incentive	the District would monitor for and identify potential grant programs for urban greening projects. Each year, for the next five years, the District would report on whether there are any new urban greening incentive program funding applicable to the Corridor and if so, the number of applications submitted by the District or partner agencies and accepted	Tier I and Tier II
Outreach Strategies	to keep the public informed on the various programs available for funding emission reduction and exposure projects within the Community. This information will be communicated during the regular Steering Committee meetings, when the public and Steering Committee members can discuss new opportunities and the Community's potential involvement.	Tier II
Land Use	Land use strategies can address issues arising from the proximity of sensitive receptors to emission sources. While land use decisions are generally made by local city planners, the 2017 Update to the State of California General Plan Guidelines 94 specifically requires planners to consider air quality and environmental justice in land use decisions. By actively engaging with local cities on land use decisions, the Steering Committee and the District can promote improved outcomes.	Policy Changes & Tier II
Air Filtration Systems	Air filtration systems have been shown to be effective in significantly reducing concentrations of DPM, particulate matter, and other pollutants in the indoor environment.	Tier I
Parking Lot Paving Projects	Paving is one approach to reducing emissions from these source categories. Under this strategy, the District is proposing to fund parking lot paving projects within the Corridor, as funding permits.	Tier I and Tier II

Expanded/Improved School Flag Program	The School Flag Program in Imperial County uses colored flags based on USEPA's Air Quality Index to notify teachers, coaches, students, and others about outdoor air quality conditions. Schools raise a colored flag each day that corresponds to the local air quality forecast.	Tier I
School Bus Replacement	School buses frequently operate on diesel and are often in close proximity to sensitive receptors, like students	Tier II