



WEST COAST COLLABORATIVE

Public-private partnership to reduce diesel emissions

The goal of the Collaborative is to leverage federal funds to strategically reduce emissions from the most polluting diesel sources in impacted communities. The Collaborative seeks to improve air quality and public health by targeting the highest polluting engines with the most cost effective control strategies.

California Airports Partnership Air Quality Improvement Project

The West Coast Collaborative is pleased to announce that EPA has selected the California Airports Partnership Air Quality Improvement Project for \$895,827 in EPA funding. The project will be implemented with \$1,015,325 in leveraged funds.

What is the California Airports Partnership Air Quality Improvement Project?

This project will retrofit or replace 34 heavily used vehicles at Los Angeles International (LAX), San Francisco International (SFO), Oakland International (OAK), and San Diego International (SAN) airports. The vehicles, which include land-based emergency vehicles, in-airport shuttles, and regional shuttle buses, will be retrofitted with diesel reduction devices or replaced with engines that operate on compressed natural gas (CNG) or B20 biofuel, which are proven by EPA to produce up to 85% less PM and 50% less NOx than traditional diesel engines.

Why is this project important?

Airports constitute a major source of criteria pollutant emissions, with SFO and OAK alone contributing 4% (8,000 tons) of the Bay Area's total NOx emissions and 190 tons (0.6%) of PM. LAX emits 11,022 tons of NOx and 1,797 tons of PM annually. This project will greatly reduce these emissions. The project will help the three regions meet the PM 2.5, PM 10, and ozone state and federal standards, of which all three are currently in non-attainment.

What are the estimated environmental benefits?

The California Airports Partnership Air Quality Improvement Project will reduce the emissions of the thirty-four (34) affected vehicles by 7.81 tons of NOx (34.3%) and 1.32 tons of PM (92%). These estimates do not include the substitution of ultra low sulfur buses at SFO with B20, which will make these numbers even higher.

How is this project funded?

Through EPA, the Collaborative is providing \$895,827 in funds in support of this project. An additional \$1,015,325 will be provided in leveraged funds from the airports.

Who are the partners on this project?

The project is led by CALSTART, a non-profit transportation consortium that develops and implements advanced transportation technology projects, in partnership with four major California airports: Los Angeles International, San Francisco International, Oakland International, and San Diego International. CALSTART will receive the funding from EPA and distribute it to each airport. CALSTART will also be responsible for monitoring and data collection.

What is the Collaborative?

The West Coast Collaborative is an ambitious partnership between leaders from federal, state, and local government, the private sector, and environmental groups committed to reducing diesel emissions along the West Coast. Partners come from all over Western North America, including California, Oregon, Washington, Alaska, Arizona, Idaho, Nevada, Hawaii, Canada and Mexico. The Collaborative is part of the National Clean Diesel Campaign (www.epa.gov/cleandiesel).

How can I find out more about the Collaborative?

For more information, on the West Coast Collaborative, please visit our website at www.westcoastcollaborative.org. For more information about this project or about the Ports and Marine Vessels Sector in general, please contact Francisco Dóñez: denez.francisco@epa.gov.