



WEST COAST COLLABORATIVE

A 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.

Retrofit 700 Heavy-Duty Diesel Trucks with DPF's

In January 2009 the West Coast Collaborative funded the South Coast Air Quality Management District \$1 million to retrofit heavy-duty diesel trucks with diesel particulate filters

How will These Funds be Used?

U.S. Environmental Protection Agency (EPA) provided the South Coast Air Quality Management District (SCAQMD) \$1 million in grant funding to retrofit 700 1999-2002 model year long haul heavy-duty diesel trucks with diesel particulate filters (DPF), which have been verified by the California Air Resources Board (CARB). This project will involve trucks that move goods throughout the Los Angeles and Inland Empire corridor between major distribution facilities and retail establishments. The SCAQMD will leverage over \$7 million for this project.

What are the Environmental Benefits?

This project is anticipated to reduce particulate matter (PM) emissions by 85% or more of existing emission levels. Based on EPA reduction quantifications, the proposed technology is

also expected to reduce hydrocarbons (HC) and carbon monoxide (CO) by 90%. The projected emission reductions include 130 tons of PM, 120 tons of HC, and 1,465 tons of CO during the expected 190 year lifetime of these trucks.

Why is this Important?

The emission benefits from this project will continue beyond the two-year grant project. The SCAQMD will continue to monitor emission levels from this project for four years and ensure that the well-maintained DPF technology will last for over 10 years. In addition, this project impacts sensitive populations because the participating trucks operate and move goods throughout the LA and Inland Empire corridor, where at least 10% of the area residents live below poverty level.

How can I Find More Information?

For more information about the West Coast Collaborative Truck Projects, please contact Trina Martynowicz at martynowicz.trina@epa.gov, 415-972-3474, or visit our website at: www.westcoastcollaborative.org.