



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.

Diesel Particulate Filter (DPF) on Pacific Harbor Line Switch Locomotive

The West Coast Collaborative is pleased to announce that EPA has selected the DPF on Pacific Harbor Line Switch Locomotive for \$100,000 in EPA funding. The project will be implemented with approximately \$300,000 in additional funds from other sources.

What is the “DPF on Pacific Harbor Line Switch Locomotive” Project?

This project involves demonstration of the durability and functionality of utilizing diesel particulate filters for reduction of particulate matter from switch locomotive applications. Under this project, a MobiClean™ DPF will be installed on a Pacific Harbor Line switch locomotive that operates at the Ports of Long Beach and Los Angeles.

Why is this project important?

This project is the first demonstration of a DPF in the US on a switch locomotive with a four-cycle engine. This technology application is expected to reduce particulate matter by approximately 90 percent. Citizens living near the Ports of Los Angeles and Long Beach, as well as along the Alameda Corridor will benefit from these emissions reductions. Should the DPF be demonstrated as a viable technology, this project could be replicated both regionally and nationally, resulting in significant emissions reductions.

How is this project funded?

Through EPA, the Collaborative is providing \$100,000 in support of this project. In addition, approximately \$300,000 will be provided in support from the South Coast Air Quality Management District, Pacific Harbor Line, Miratech, and other sources.

Who are the partners on this project?

The principal partners on this project are the South Coast Air Quality Management District; Miratech Corporation; and Pacific Harbor Line. The South Coast Air Quality Management District is the air pollution control agency of the South Coast Air Basin. Miratech Corporation is an environmental consulting and engineering firm, and Pacific Harbor Line is the only provider of rail switching services at the Ports of Long Beach and Los Angeles.

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 about the Collaborative, please contact Peter Murchie (murchie.peter@epa.gov, 503-326-6554) or visit our website at www.westcoastcollaborative.org.