



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

DERA 2009/2010: Harbor Craft and Cargo-Handling Equipment at the Port of Long Beach

In May 2010, under the Diesel Emissions Reductions Act, the West Coast Collaborative awarded the City of Long Beach Harbor Department (Port of Long Beach) \$1,648,035 to repower three harbor vessels and one piece of cargo-handling equipment, and to retrofit four pieces of cargo-handling equipment. The project will be implemented with over \$509,000 in cost-share funding.

What is the Project?

The City of Long Beach Harbor Department (Port of Long Beach), in partnership with two harbor craft companies and three port tenants, will repower three harbor vessels and one water truck (a total of 7 engines) with new fuel-efficient engines. The Port will also retrofit four top handlers with California Air Resources Board-verified level III diesel particulate filters (DPF). The partner companies will contribute over \$509,000 in cost-share funding to the project.

Why is this project important?

Marine vessels and cargo-handling equipment can be a significant source of emission within an air shed, especially as sources of NOx and particulate matter (PM) that can result in adverse public health

and environmental consequences. These engine repowers and retrofits will provide long-term environmental health benefits to local communities and the South Coast Air Basin.

What are the estimated environmental benefits?

Through the installation of these new engine technologies, the project expects to demonstrate a 51 ton annual reduction in oxides of nitrogen emissions (NO_x) and a 2.3 ton annual reduction in particulate matter emissions (PM) compared to the engines being replaced.

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 Marine Vessels & Ports Sector Workgroup, please contact Francisco Doñez at donez.francisco@epa.gov or 213-244-1834.