



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.

DERA 2013: Repowering Rubber Tire Gantry (RTG) Cranes at the Port of Oakland

The West Coast Collaborative is pleased to announce that EPA selected the Port of Oakland for \$277,885 in EPA funding under the Diesel Emissions Reduction Act (DERA).

What is the Hybrid RTG Repower Project?

The project will repower four rubber tire gantry cranes (RTG) at the Port of Oakland with Tier 4 diesel engines that will significantly reduce air emissions and fossil fuel consumption. The project will also retrofit 1 top-pick container crane with a CARB-verified diesel particulate filter.

Why is this project important?

This project will greatly reduce diesel particulate emissions from four RTG cranes and one top pick operating in West Oakland, an area disproportionately affected by diesel pollution.

What are the estimated environmental benefits?

Over the project lifetime, the project will reduce NOx emission by 236 tons (93%), PM2.5 emissions by 3.7 tons (41%), and CO emissions by 55 tons (93%).

How is this project funded?

Through EPA and National Clean Diesel Funding Assistance Program, the West Coast Collaborative is providing \$277,885 in

support of this project. Additionally, the project will be funded with \$368,827 in private funding.

Who are the partners on this project?

Project partners include the Port of Oakland and TraPac.

What is the Collaborative?

The West Coast Collaborative is a partnership between leaders from federal, state, and local government, the private sector, and environmental groups committed to reducing diesel emissions along the West Coast and is part of the National Clean Diesel Campaign: www.epa.gov/cleandiesel. For more information, on the West Coast Collaborative, please visit our website at www.westcoastcollaborative.org.

How can I find out more about the Collaborative?

For more information about this project or the West Coast Collaborative, please contact Francisco Dóñez at donez.francisco@epa.gov or (213) 244-1834.