



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.

Heavy-Duty LNG Trucks Funding Assistance Program

In May 2008 the EPA funded the South Coast Air Quality Management District nearly \$5 million to replace 130 heavy-duty diesel trucks with new liquefied natural gas trucks around the Ports of Los Angeles and Long Beach.

What is the LNG Truck Funding Assistance Program?

The South Coast Air Quality Management District (SCAQMD) has been funded \$4,922,000 by the U.S. Environmental Protection Agency (EPA), through a Congressional Earmark, to replace 130 heavy-duty diesel drayage trucks operating in and around the ports of Los Angeles and Long Beach. These diesel trucks will be replaced with new liquefied natural gas (LNG) trucks that are certified by the California Air Resources Board and EPA to meet EPA's 2010 emission standards for heavy-duty engines. The SCAQMD will help fund this program from Proposition 1B Funds and the Clean Fuels Fund. Remaining funds will be borne by California Cartage Company, the contract recipient. This project is expected to be completed by September 2010.

What are the Environmental Benefits?

This project is anticipated to yield emission reductions of 109 tons per year of nitrogen oxide (NOx) and 4 tons per year of particulate matter (PM). For the entire life of this project, the overall emission reductions may be 875 tons of NOx and 32 tons of PM. There are also additional benefits of significant reductions of air toxics and greenhouse gas emissions.

Why is this Program Important?

In addition to the immediate air quality benefits by removing 130 diesel trucks from the roads, the successful deployment of this project will help jump start further deployment of the LNG trucks, which have very low air emission levels. These reductions will be seen not only with the San Pedro Bay Ports, but also throughout California, resulting in significant air quality benefits at both the local and regional levels as emissions of ozone, NOx, PM, and greenhouse gases are considerably reduced in port facilities, intermodal rail yards, and other good movement corridors.

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.