



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.

Funding Cleaner CalTrans Heavy-Duty Vehicles that Maintain and Repair California's Roadways

The U.S. EPA funded the California Department of Transportation (Caltrans) \$705,882 to replace nine dump trucks, eight wreckers and three trash truck compactors with cleaner engines, which will operate throughout the state of California.

How will These Funds be Used?

Under the Diesel Emissions Reduction Action state grant program in fiscal years 2009 and 2010, the U.S. Environmental Protection Agency (EPA) funded CalTrans, through the California Air Resources Board (CARB), \$705,882. The state will match the EPA funds with an additional \$470,588.

CalTrans will use the 2009 funds to replace nine early 1990s model year on-road heavy-duty diesel dump trucks with vehicles powered by 2007 through 2009 model year equivalent engines. The 2010 funds will replace eight wreckers and three trash truck compactors with 2010 or newer engine model year vehicles.

These vehicles will be used to maintain and repair California's roadways. The dump trucks will operate throughout the state. The wreckers and compactors will operate in counties within the Bay Area

and San Diego Air Districts. The old vehicles will be scrapped and retired, which will provide significant early reductions of diesel emissions. These vehicles are expected to last 20 years.

What are the Environmental Benefits?

The expected outcomes of this project will include significant reductions in fuel consumption and air emissions. Approximately 70% of fuel consumption will be conserved. The following emission reductions are anticipated: 72% of nitrogen oxides (NO_x), 96% of particulate matter (PM), and 89% of hydrocarbons.

How can I Find More Information?

For more information about the West Coast Collaborative public fleets projects, please visit our website at: www.westcoastcollaborative.org.