



## WEST COAST COLLABORATIVE

A public-private partnership to reduce diesel emissions

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: Clean School Bus Retrofit Project- Soboba Band of Luiseño Indians

The Soboba Band of Luiseño Indians received \$78,000 under the EPA's 2009/2010 National Clean Diesel Funding and Assistance Program to retrofit six school buses, four with diesel particulate filters and two with low NO<sub>2</sub> filters. The Soboba Tribe provided an additional \$18,321 in cost share funds for the project.

### What is the project?

The project funds filters for six of the nine buses in the Noli Indian High School school bus fleet. It covers the expenses for the purchase and installation of four Cleaire Horizon Electrical Regenerated Active Diesel Particulate Filters and two Donaldson Low NO<sub>2</sub> Systems.

### Why is this project important ?

In total, the nine buses in this fleet travel nearly 700 miles per day, serving schoolchildren at 16 reservations in Southern California. The fleet travels through Riverside, San Diego, and San Bernardino counties. All three are heavily populated, and Riverside and San Bernardino are recognized as having some of the worst air quality in the nation. In addition, the Soboba

Tribe hopes to maximize the impact of this project by educating other tribes on the importance of using this technology and partnering with them in similar efforts.

### What are the estimated environmental benefits?

Each piece of equipment will reduce an average of 0.3681 tons of particulate matter (PM) emissions, 1.6462 tons of hydrocarbon (HC) emissions, and 4.3185 tons of carbon monoxide (CO) emissions over its lifetime. This means that CO and HC emissions will be reduced by 90%, while PM emissions will be reduced by 85% annually.

### 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.

### 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](http://www.westcoastcollaborative.org).