



## 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.

# 2014 IDEQ – Statewide Clean School Bus Project

Under the Diesel Emission Reduction Act (DERA) 2014 State Clean Diesel Grant Program, the U.S.EPA West Coast Collaborative awarded the Idaho Department of Environmental Quality (IDEQ) \$78,750 to install anti-idling retrofits that will reduce diesel school bus emissions.

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### What is the Project?

Idaho Department of Environmental Quality (IDEQ) will retrofit 24 school buses with idle reduction devices (fuel-operated heaters) that eliminate reduce diesel emissions and save fuel. The school buses will operate in priority areas and airsheds with non-attainment or exceedances of National Ambient Air Quality Standards.

### Why is this project important?

School bus fleets operate largely in residential areas where children live and school facilities are located. This project will reduce the risk from toxic pollutants by reducing the exposure of school-age children to diesel emissions from school buses. The project will focus on buses in the Silver Valley of Idaho, where the town of Pinehurst has been designated as non-attainment for PM2.5.

### What are the estimated environmental/ economic benefits?

This project will reduce 0.52 tons of PM, 18.82 tons of NOx, and 624 tons of Carbon Dioxide (CO2) over the life-time of the buses. The use of fuel operated heaters in School Buses is expected to reduce emissions from operation, idling, and start-up as well. Additional benefits include 2,678 gallons of diesel fuel saved 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 ([www.epa.gov/cleandiesel](http://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](http://www.westcoastcollaborative.org). For more information about this project please contact Debbie Kline at [kline.debbie@epa.gov](mailto:kline.debbie@epa.gov) or 206-553-1236.