



WEST COAST COLLABORATIVE
A public-private partnership to reduce diesel emissions



San Diego County Air Pollution Control District: ARRA School Bus Project

The West Coast Collaborative (WCC) is pleased to announce the San Diego County Air Pollution Control District's (SDAPCD's) completion of its project to retrofit, replace, and repower 125 high-polluting, heavy-duty diesel school buses with newer, cleaner engines and diesel particulate filters (DPFs). This project was implemented using \$1,563,652 in U.S. Environmental Protection Agency (U.S. EPA) American Recovery & Reinvestment Act of 2009 (ARRA) grant funding combined with \$2,206,719 in leveraged funds from the California Air Resources Board (CARB), SDAPCD, and participating school districts.

What is the Project?

Retrofitted, replaced, and repowered 125 high-polluting heavy-duty diesel school buses with newer, cleaner engines and DPFs: replaced 12 pre-1987 school buses; repowered and installed DPF retrofits on 2 school buses; and, installed DPF retrofits on 111 school buses.

Why is this project important?

The project focused on in-use heavy-duty diesel school buses that operate within San Diego County, California. San Diego County is designated as a nonattainment area for the National Ambient Air Quality Standard (NAAQS) for ground-level ozone, and a maintenance area for the carbon monoxide NAAQS. The County's Barrio Logan neighborhood has also been identified as an area with toxic air pollutant concerns. In addition, due to its proximity to Mexico, San Diego County contains three major international goods movement corridors. There are 41 public schools located within 1500 feet of one of these major interstates. Replacing, repowering, and/or retrofitting these buses will significantly reduce emissions along these international goods movement corridors.

What are the Environmental Benefits?

Over the lifetime of the project, the emissions of the 125 affected engines will be reduced by 10 particulate matter (PM) tons, 6 oxides of nitrogen (NOx) tons, 20 hydrocarbon (HC) tons, and 132 carbon monoxide (CO) tons.

How was this project funded?

The WCC provided \$1,563,652 in ARRA Clean Diesel grant funds to support this project. \$2,206,719 in total leveraged funding was contributed by the CARB/SDAPCD Lower Emissions School Bus Program (LESBP) and the participating school districts.

Who are the Partners on this project?

The project was led by SDAPCD, whose mission is to reduce air pollution in San Diego County to prescribed levels that protect public health, in partnership with CARB and participating school districts. SDAPCD received the ARRA grant award through the WCC, and distributed the grant funds to the school district bus fleets. SDAPCD was also responsible for data monitoring and reporting for the project.

What is the Collaborative?

The WCC 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, the Pacific Islands, Canada, and Mexico. The WCC is part of the U.S. EPA National Clean Diesel Campaign (NCDC).

www.epa.gov/cleandiesel

How can I find out more information?

For more information on this project, please contact John Mikulin at U.S. EPA (mikulin.john@epa.gov / 415-972-3956). For more information on the WCC, please visit our website. www.westcoastcollaborative.org