



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.

DERA 2017: School Bus Replacements in Guam

The West Coast Collaborative (WCC) is pleased to announce the Guam Environmental Protection Agency's receipt of a United States Environmental Protection Agency (EPA) Diesel Emissions Reduction Act (DERA) State Clean Diesel Program grant to replace three old diesel school buses operating throughout Guam with new, cleaner diesel buses. This project will be implemented using \$83,637 in DERA grant funding combined with \$55,759 in matching funds from Guam EPA. Guam is a U.S. territory located in the Pacific Ocean.

What is this Project?

This project will replace three diesel school buses with new vehicles powered by model year 2017, or newer engines in Guam. The older, replaced school buses will be removed from service and permanently destroyed.

What are the environmental benefits?

Over the remaining lifetime of the three affected buses, these upgrades will reduce emissions of fine particulate matter (PM_{2.5}) by 0.12 tons, nitrogen oxides (NO_x) by 1.56 tons, hydrocarbons (HC) by 0.32 tons and carbon monoxide (CO) by 0.74 tons. Reduction of PM_{2.5} emissions will also reduce black carbon, which influences climate by directly absorbing light, reducing the reflectivity ("albedo") of snow and ice through deposition, and interacting with clouds.

Who are the Partners on this project?

The project will be led by Guam EPA, an agency whose mission is to preserve and enhance the environment of the island and U.S. territory of Guam in order to protect public health, sustain healthy ecosystems, and contribute to a vibrant economy. Guam EPA received the DERA grant award through the WCC, and will distribute grant funds to Guam's Department of Public Works, who operates these school buses.

What is the Collaborative?

The WCC is an ambitious partnership between leaders from federal, state, local and tribal governments, the private sector, and environmental groups committed to reducing diesel emissions along the West Coast. Partners come from all over Western North America, including: Alaska, Arizona, California, Hawaii, Idaho, Nevada, Oregon, Washington, the Pacific Islands, Canada and Mexico. The WCC is part of the EPA's National Clean Diesel Campaign.

www.epa.gov/cleandiesel

How can I find out more information?

For more information on this project, please contact Trina Martynowicz at U.S. EPA Martynowicz.Trina@epa.gov. For more information, on the WCC, please visit our website at www.westcoastcollaborative.org