



The goal of the West Coast 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 diesel engines and equipment with cost-effective control strategies.

DERA 2022: School Bus Replacement

Under the 2022 Diesel Emissions Reduction Act (DERA) State/Territory Clean Diesel Program, the U.S. Environmental Protection Agency’s (EPA) West Coast Collaborative provided a \$535,894 grant to the State of Oregon to replace 14 older model diesel buses with two battery electric buses and 12 conventional or alternative fuel buses.

What is this project?

School bus replacement grants will ensure that children continue to experience reduced exposures to diesel particulate emissions consistent with the EPA 2018-2022 Strategic Plan. While the selected school districts are located throughout the state and have varying levels of ambient exposure to diesel particulate, several studies have shown that diesel school buses may self-pollute, leading to elevated exposures while riding or in proximity to the bus. Low-emission school buses have been shown to reduce absenteeism. The grants provided under this program will reduce exposure to sensitive populations, including school-age children.

Where is this project located?

Projects selected for funding will focus on counties on the EPA Priority Counties List: Clackamas, Klamath, Lane, Marion, Multnomah, and Washington.

What are the environmental & health benefits?

Estimated Reductions	PM	NOx	CO	HC	CO ₂
Annual (Tons/year)	0.084	1.060	0.507	0.163	38.2
Lifetime (Tons)	0.252	3.180	1.521	0.490	114.7

How was this project funded?

Through the West Coast Collaborative, EPA provided \$535,894 in funding to the State of Oregon. EPA allocates DERA funds to eligible U.S. states and territories to establish diesel emissions reduction programs.

What is the West Coast Collaborative?

The West Coast Collaborative 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. The West Coast Collaborative is part of EPA’s National Clean Diesel Campaign. More information can be found at www.epa.gov/cleandiesel and www.westcoastcollaborative.org.

How can I find out more information?

Contact Ryan Schlenker at the EPA at schlenker.ryan@epa.gov.