WEST COAST COLLABORATIVE
A pubic-private partnership to reduce diesel emissions
www.westcoastcollaborative.org

EPA

The West Coast Collaborative is a public private partnership focused on reducing diesel emissions throughout western North America and the U.S. Pacific Islands. The Collaborative seeks to significantly improve air quality and public health by providing assistance to upgrade high polluting diesel fueled engines, vehicles, and equipment with cost effective and cleaner emission control technologies.

DERA State 2022: FY22 State DERA (ID)

Where:
Boise, ID

Grantee:
Idaho Department of Environmental Quality

Replacing:
8 school buses, 12 tractor trailer trucks, and 1 refuse vehicle

Funding:
$524,379 U.S. EPA's DERA
$524,376 Matched

Emissions Reduced:*
3.76 tons of $PM_{2.5}$
43.65 tons of NO_x
9.26 tons of CO
3.68 tons of HC
2,971.6 tons of CO2

What is the Collaborative?
The West Coast Collaborative is a partnership among leaders from federal, tribal, state, and local governments, the private sector and environmental and community groups in EPA Regions 9 and 10.

The West Coast Collaborative is pleased to announce the Idaho Department of Environmental Quality's (DEQ) receipt of a U.S. Environmental Protection Agency (U.S. EPA) Diesel Emissions Reduction Act (DERA) Fiscal Year 2022 (FY22)State Grant of $524,379 to reduce diesel emissions with a rebate program under the DERA emission reduction solution of vehicle replacement. This project will be implemented with a cost share $5,053,333 for a total project costs of $6,087214.

What is this Project?

This project will replace 8 school buses, 12 tractor trailer trucks, and 1 refuse vehicle operating in areas in Idaho that are currently designated as non-attainment for $PM_{2.5}$ (Franklin and Shoshone Counties) and areas that DEQ has identified as areas of concern (i.e., areas that have concentration near the NAAQS) for $PM_{2.5}$, including Ada, Benewah, Canyon, and Lemhi counties. Applicants will apply for funds by proposing to replace and scrap eligible diesel vehicles with eligible new vehicles. These vehicle replacement projects will reduce diesel engine emissions of nitrogen oxides, particulate matter, carbon monoxide, hydrocarbons, and carbon dioxide.

Why is this Project Important?

Exposure to diesel exhaust is associated with decreased lung function and can also exacerbate the symptoms of asthma, bronchitis, and pneumonia. Byreplacing and scrapping eligible diesel vehicles with eligible new vehicles, this project reduces human exposure to diesel emissions and therefore negative health effects associated with diesel exposure. DEQ's Diesel Emission Reduction Program (DERP) gained acceptance among school districts previously discouraged with diesel emission reduction technologies after several successful diesel retrofit installations. DEQ developed a solid rapport with its contractors and pursued outreach efforts with stakeholders.

Who are the Project Partners?

This project will be administered by the Idaho DEQ who received this DERA grant through the Collaborative and will distribute these grant funds to participating fleets. DEQ will be responsible for all data monitoring and reporting.

*Estimated air emission reductions over the remaining lifetimes of these vehicles.

For more information about this project, contact the U.S. EPA Lucita Valiere, valiere.lucita@epa.gov or 206 553 8087.
For more information on the Collaborative, visit www.westcoastcollaborative.org