



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: Reducing School Bus Emissions in Guam



**Where:**  
U.S. Territory of Guam



**Grantee:**  
Guam Environmental Protection Agency



**Replacing:**  
1 School Bus



**Funding:**  
\$129,625 U.S. EPA's DERA



**Emissions Reduced:\***  
0.1 tons of PM<sub>2.5</sub>  
1 ton of NO<sub>x</sub>  
0.3 tons of CO  
0.1 tons of HC



**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 Guam Environmental Protection Agency's (EPA) receipt of a 2021 U.S. Environmental Protection Agency (U.S. EPA) Diesel Emissions Reduction Act (DERA) State Grant to replace one older, higher polluting diesel school bus with a new, cleaner diesel bus. This project will be implemented using **\$129,625 in DERA grant funding**. Guam is a U.S. territory located in the western Pacific Ocean.

## What is this Project?

This project will replace one higher polluting 2007 model year engine diesel school bus with a 2019 or newer school bus.

## 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. People living in communities around ports face an increased risk of cancer, asthma, birth defects, and decreased lung function. By reducing emissions from the diesel yard trucks, this project will improve air quality and directly benefit communities that surround this school.

## Who are the Project Partners?

This project will be administered by the 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 provide a united, integrated and comprehensive territory-wide program of environmental protection. Guam EPA received this DERA grant through the Collaborative and will distribute these grant funds to the Guam Department of Public Works who will oversee this grant. Guam EPA will be responsible for all data monitoring and reporting.