



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 Ag Tractor Emissions in the CNMI



**Where:**

Commonwealth of the Northern Marianas Islands



**Grantee:**

Bureau of Environmental & Coastal Quality



**Replacing:**

1 Agricultural Tractor



**Funding:**

\$129,114 U.S. EPA's DERA



**Emissions Reduced:\***

- 0.1 tons of PM<sub>2.5</sub>
- 1.3 tons 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 Commonwealth of the Northern Marianas Islands' (CNMI's) Bureau of Environmental and Coastal Quality (BECQ) as a recipient of a 2022 U.S. Environmental Protection Agency (U.S. EPA) Diesel Emissions Reduction Act (DERA) State Grant to replace a higher polluting Tier 1 diesel agricultural tractor with a new cleaner Tier 4 tractor on the island of Rota. This project will be implemented using **\$129,114 in DERA grant funding**. CNMI is a U.S. territory located in the western Pacific Ocean.

**What is this Project?**

This project will replace one higher polluting Tier 1 diesel nonroad agricultural tractor with a new, cleaner Tier 4 tractor. This project will be located in Rota, a smaller southernmost island in CNMI.

**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 reduces human exposure to diesel emissions and therefore negative health effects associated with diesel exposure.

**Who are the Project Partners?**

This project will be administered by CNMI's BECQ, an agency whose mission is wise management of CNMI's natural resources, supporting healthy communities, a sustainable environment and a vibrant economy. CNMI's BECQ received this DERA grant through the Collaborative and will subgrant these grant funds to the Rota Department of Land and Natural Resources' who will oversee this grant. The BECQ will be responsible for all data monitoring and reporting.

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