



# DERA State 2021: Hawaii Transit Bus Zero-Emission Replacement Project



**Where:**  
Oahu, HI



**Grantee:**  
Hawaii Department of Health Clean Air Branch



**Replacing:**  
3 diesel-powered transit buses



**Funding:**  
\$508,820 U.S. EPA's DERA  
\$339,213 Volkswagen (VW) mitigation funds  
\$912,107 Matched



**Emission Reductions:\***  
0.03 tons of PM<sub>2.5</sub>  
1 short tons of NO<sub>x</sub>  
0.3 tons of CO  
1,035 tons of CO<sub>2</sub>



**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 Hawaii Department of Health (HDOH) Clean Air Branch's (CAB's) receipt of a U.S. Environmental Protection Agency (U.S. EPA) Diesel Emissions Reduction Act (DERA) State Grant to replace diesel transit buses. This project will be implemented using \$508,820 in DERA grant funding combined with \$339,213 in Volkswagen (VW) mitigation matching funds and \$912,107 in matching funds from participating fleets.

## What is this Project?

This project will be implemented through a partnership between HDOH CAB, the Hawaii State Energy Office (HSEO), and participating fleets to replace 3 old, high-emitting diesel transit buses with fully battery-electric vehicles

## Why is this Project Important?

HDOH CAB will partner with the Hawaii State Energy Office to replace heavy-duty diesel buses operating near areas of Oahu with high population density. Exposure to diesel exhaust is associated with decreased lung function and can also exacerbate the symptoms of asthma, bronchitis and pneumonia. This project will reduce human health risk from toxic pollutants by reducing exposure to heavy-duty diesel exhaust in the communities where these buses operate.

## Who are the project Partners?

This project will be administered by the HDOH CAB, the governing clean air agency in the State of Hawaii. HDOH CAB received this DERA grant through the Collaborative and will distribute these grant funds to participating the fleets. HDOH CAB will be responsible for all data monitoring and reporting.

\*Estimated air emission reductions over the remaining lifetimes of these engines  
For more information about this project, contact Dana Mayfield at U.S. EPA  
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