

# CLEAN DIESEL TECHNOLOGIES GRANT PROGRAM



TDOT's Clean Diesel Technologies Program provides funding to reduce air pollution from diesel engines. Federal-Aid can be used to modernize your fleet and create health benefits for your employees and the public!

## TDOT Program Goals:



## Funding Available New Vehicles, Engine Replacements, Add on Technologies

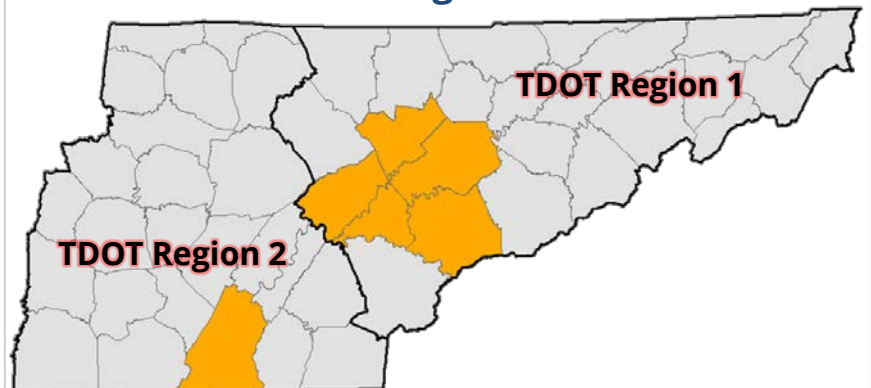
### On Road Diesel Vehicles

- Tractor Trailers
- Buses
- Garbage Trucks
- Delivery Vehicles

### Other Diesel Equipment

- Locomotives
- Marine Engines
- Freight Handling Equipment
- Road Construction Equipment
- Airport & Port Equipment

## Funding Areas



## Benefits for Fleet Owners

- Reduced cost of fleet upgrades
- Reduced worker exposure to dangerous diesel exhaust
- Increased vehicle useful life
- Reduction in fuel consumption



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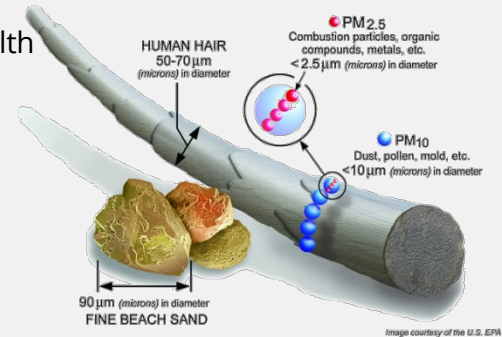
## Matching Requirements

Funding is available to both public and private operators of diesel engines. Public sector diesel operators are eligible for project expenses up to 80 percent of total project cost. Private sector diesel operators can receive up to 50 percent of total project cost.

Talk to TDOT for full program details!

## Fine Particulate Emissions and Public Health

PM 2.5 refers to fine particles, less than 2.5 microns in diameter, that can lodge deeply into the lungs and pose health risks. Potential health impacts include: premature death in people with heart or lung disease, nonfatal heart attacks, irregular heartbeat, aggravated asthma, decreased lung function and increased respiratory symptoms, such as irritation of the airways, coughing or difficulty breathing. Roughly one third of the U.S. population is at high risk of experiencing PM 2.5-related health effects.



## Technology Certification Requirements

Cleaner diesel technologies must be verified or certified by either the U.S. Environmental Protection Agency (EPA) or California Air Resources Board (CARB).

EPA Verified Technologies List <http://www3.epa.gov/otaq/diesel/verification/index.htm>

CARB Verified Technologies List <http://www.arb.ca.gov/diesel/verdev/vt/cvt.htm>

## Program Requirements

- Owners need to provide basic information on their current diesel engines and proposed technology the owner will use to reduce emissions.
- A minimum 20 percent match is required for most public entities and a 50 percent match for private operators.
- Vehicles and equipment must be operated in a Tennessee PM 2.5 nonattainment or maintenance area as shown in yellow on the map on the previous page.

## How to Apply

Please contact the TDOT CMAQ Program ([TDOT.CMAQ@tn.gov](mailto:TDOT.CMAQ@tn.gov))

or TDOT's Regional Staff

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TDOT will work directly with your organization to guide you through the process.