

U.S. Environmental Protection Agency's Diesel Emission Reduction Program

South Central Alternative Fuel Corridor Convening

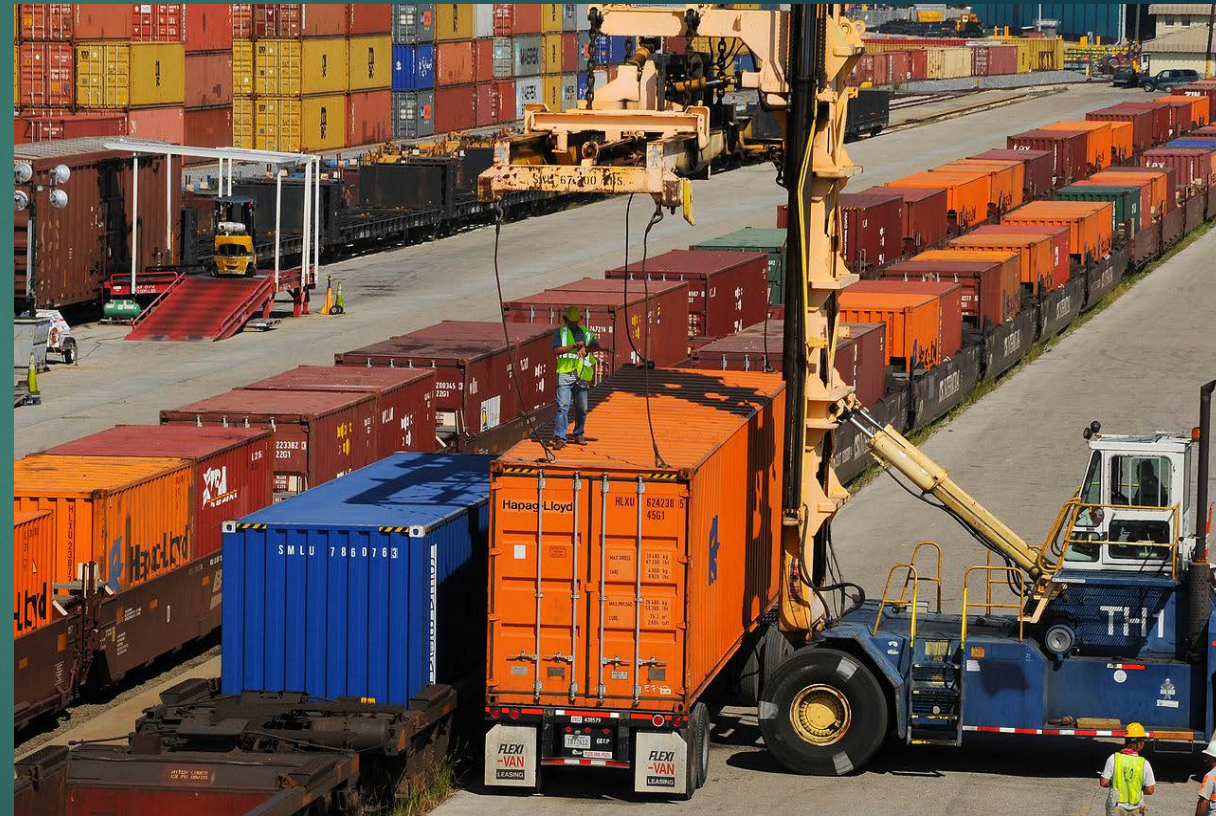
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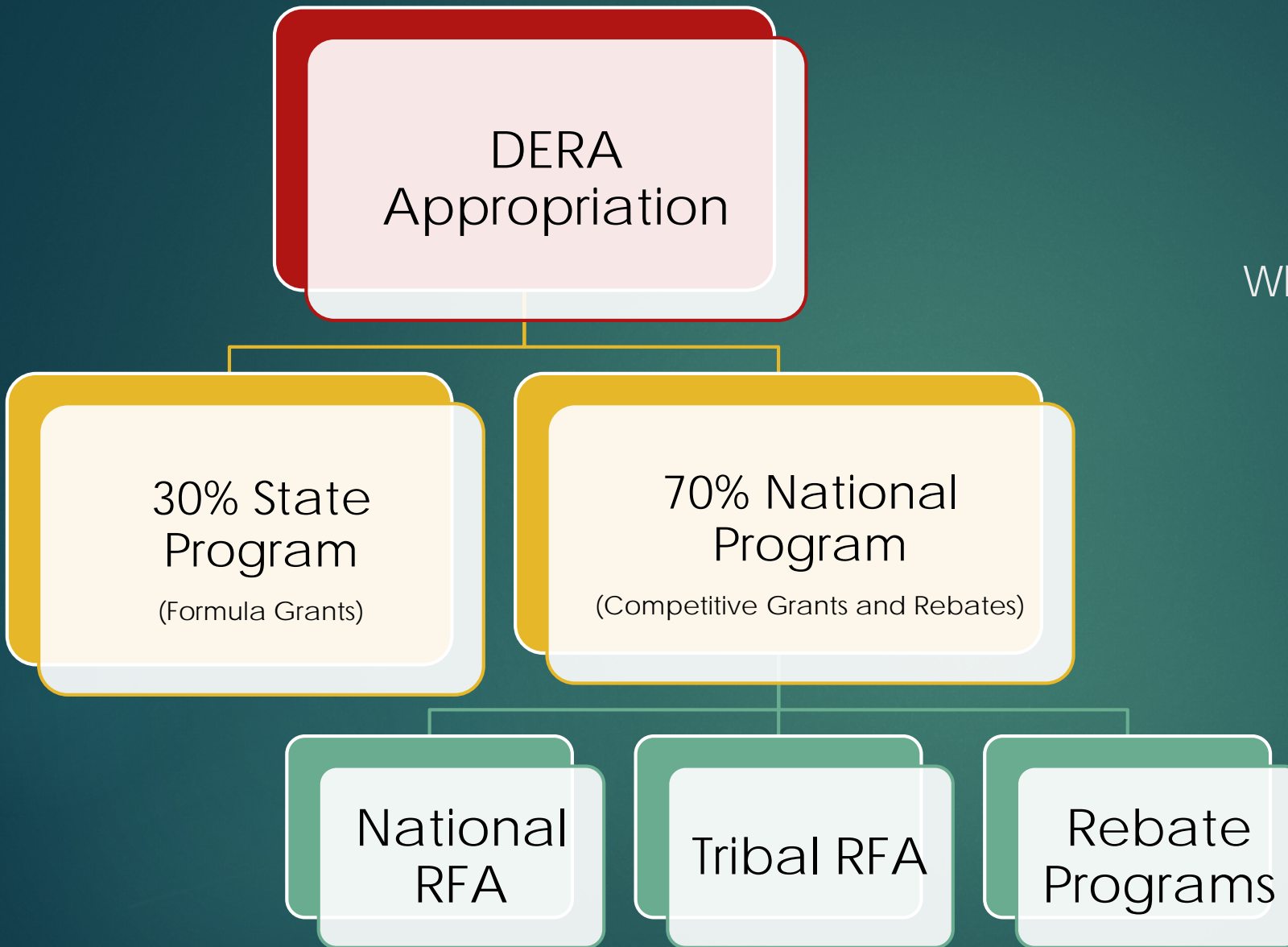
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www.epa.gov/cleandiesel

Diesel Emissions Reduction Act

- Provides funding, on a competitive basis, to eligible entities, to achieve significant reductions in diesel emissions in terms of pollution produced and diesel emissions exposure, particularly from fleets operating in areas designated by the Administrator as poor air quality areas
- Funds projects using an EPA or CARB-certified engine configuration or a verified technology (aka retrofit)





Who can apply for DERA Grants?

- ▶ Regional, state, local, tribal or port agency with jurisdiction over transportation or air quality; and
- ▶ Nonprofit organization or institution which
 - ▶ Represents or provides pollution reduction or educational services to persons or organizations that operate diesel fleets; or
 - ▶ Has, as its principle purpose, the promotion of transportation or air quality
- ▶ For-profits and individuals can benefit through partnerships with eligible entities

Eligible Vehicles, Engines & Equipment

- ▶ May include, but are not limited to:
 - ▶ Buses;
 - ▶ Class 5 – Class 8 heavy-duty highway vehicles;
 - ▶ Marine engines;
 - ▶ Locomotives engines; and
 - ▶ Non-road engines, equipment or vehicles used in:
 - ▶ Construction; Handling of cargo (including at a port or airport); Agriculture; Mining; or Energy production (including stationary generators and pumps)

What will EPA Fund?

- ▶ **Certified Clean Alternative Fuel Conversion:** 40%
- ▶ **Certified Vehicle/Equipment Replacement:**
 - ▶ 25% of a vehicle powered by a diesel or alternative fueled engine (including hybrids) certified to EPA emission standards;
 - ▶ 35% of a vehicle powered by an engine certified to meet CARB's Optional Low-NOx Standards;
 - ▶ 45% of a vehicle powered by a zero tailpipe emission power source.
 - ▶ **Replacement of Drayage Trucks:** 50%
- ▶ **Certified Engine Replacement:**
 - ▶ 40% of a diesel or alternative fueled engine (including hybrids) certified to EPA emission standards
 - ▶ 50% of the cost of an engine certified to meet CARB's Optional Low-NOx Standards
 - ▶ 60% of the cost of a zero tailpipe emission power source
- ▶ **Verified Idle Reduction Technologies:**
 - ▶ **On-Highway Idle Reduction Technologies:** 100% if combined, 25% if stand-alone.
 - ▶ **Locomotive Idle Reduction Technologies:** 40%
 - ▶ **Marine Shore Connection Systems:** 25%
 - ▶ **Electrified Parking Spaces:** 30%

What will EPA NOT Fund?

- ▶ **Fueling Infrastructure:** No funds shall be used for fueling infrastructure, such as that used for the production and/or distribution of biodiesel, compressed natural gas, liquefied natural gas, and or other fuels.
- ▶ **Stand-alone Charging Infrastructure:** Charging infrastructure for an individual vehicle may be included in the grant, subject to the vehicle mandatory cost-share. Stand-alone charging infrastructure is not eligible for funding