

ARRA: EPA National Clean Diesel Funding Assistance Program

NCTCOG Clean Diesel Proposal

**DFW Clean Cities Technical Coalition
American Recovery and Reinvestment Act
Funding Workshop**

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EPA National Clean Diesel Program

NCTCOG Emphasis Areas

Funding Source	Emphasis Area	Staff Contact
EPA	Diesel Emissions Reductions	Amanda Brimmer
Dept of Energy	Electric Vehicles/ Infrastructure	Jenny Danieau
Dept of Energy	Other Alternative Fuel Vehicles/ Infrastructure	Lori Pampell
Dept of Energy	Green Truck Stop	Lori Pampell

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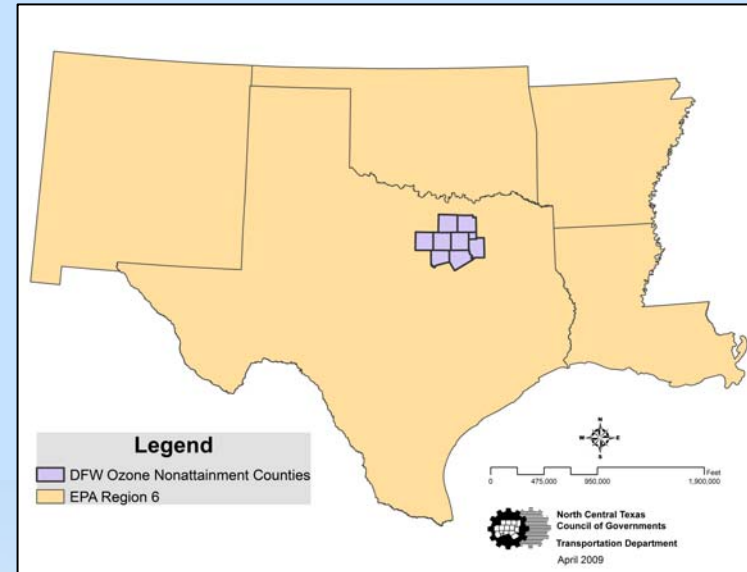
Entities Eligible to Apply Directly to EPA

- **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**

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Entities Eligible to Apply to NCTCOG

- **Public and Private Entities That Operate Primarily Along the Blue Skyways Corridor (I-35) within EPA Region 6 (Arkansas, Louisiana, New Mexico, Oklahoma, and Texas); and**
- **Operate Some of the Time Within the Dallas-Fort Worth Nine-County Ozone Nonattainment Area (Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, and Tarrant)**



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Eligible Project Types

- **Vehicle/Equipment Replacements**
- **Engine Repowers and Upgrades Kits**
- **Emission Retrofit Technologies
(Must be EPA or CARB Verified)**
- **Verified Idle Reduction Technologies**
- **Verified Aerodynamic Technologies and Low Rolling Resistance Tires**
- **Cleaner Fuels (Incremental Cost Only)**

EPA = Environmental Protection Agency
CARB = California Air Resources Board

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Eligible Fleets and Equipment

- Buses
- Medium and Heavy-Duty Trucks
- Marine Engines
- Locomotives
- Non-Road Equipment, Stationary Engines, or Vehicles Used For:
 - Construction
 - Handling of Cargo (including at a ports or airports)
 - Agriculture
 - Mining
 - Energy Production (including stationary generators and pumps)



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Eligible Idle Reduction Technologies*

- **Electrified Parking Spaces (truck stop electrification)**
- **Auxiliary Power Units and Generator Sets**
- **Fuel Operated Heaters**
- **Battery Heating and Air Conditioning Systems**
- **Thermal Storage Systems**
- **Shore Connection Systems and Alternative Maritime Power**
- **Verified SmartWay Truck Upgrade Kits**



*All idle reduction technologies must be approved by EPA

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Priority Projects

Project Proposals That Align With These Priorities, Along With Job Creation/Retention, Will Receive Higher Scores in the Evaluation Process:

- **Maximize Public Health Benefits**
- **Most Cost-Effective**
- **In Areas With High Population, Air Quality Issues, and Air Toxic Concerns**
- **In Areas That Receive a Disproportionate Quantity of Air Pollution (i.e. truck stops, ports)**
- **Maximize the Useful Life of the Engine**
- **Conserve Diesel Fuel and Utilize ULSD (early Introduction of ULSD for Non-Road Projects)**

ULSD = Ultra Low Sulfur Diesel

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Percent Funding for Project Type

EPA's Clean Diesel Funding Will Cover Up to:

- **100% = Retrofit Technologies**
- **100% = Idle Reduction Technologies**
- **100% = Engine Upgrades (kits only)**
- **100% = Incremental Cost of Cleaner Fuels**
- **100% = Aerodynamic and Tire Technologies**
- **75% = Engine Repowers**
- **50% = School Buses Replacements That Meet 2010 Emission Standards**
- **25% = All Other Vehicle Replacements**

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Use of Funds

- **Cannot Fund the Cost of Emissions Reductions Mandated Under Federal, State or Local Law**
- **Grants are Not For Emissions Testing**
- **Cannot Fund Fueling Infrastructure Costs, Such as the Acquisition Cost of Tanks, the Construction or Acquisition Costs of Fuel Depots, or the Construction or Acquisition Costs of Biodiesel Manufacturing Facilities**
- **Old Vehicles/Equipment Must be Scrapped**
- **Old Engines Must be Remanufactured or Scrapped**

CONTACT INFORMATION

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NCTCOG CALL FOR PARTNERS

“Partners” Will be Contracting with NCTCOG

- Responsible for Capital Expenditures
- Responsible for Maintaining Project
- Obligated to Fulfill Reporting Requirements

Identify Other Organizations Involved and Role

- Vendors, Suppliers, etc.

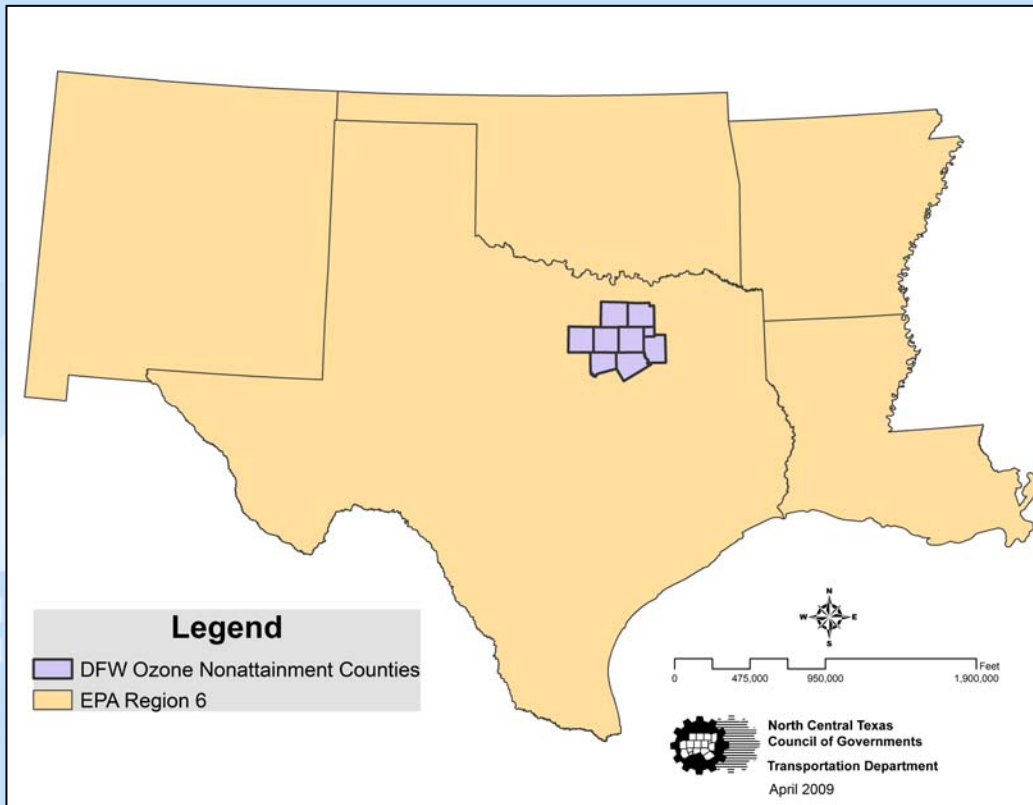
Potential Role of Non-Partner Interested Parties

- Facilitate Partnerships/Publicize Effort
- Provide Discounts on Eligible Technologies
- Facilitate Greater Applicant Cost-Share
- Assist with Outreach, Education, Public Awareness During Implementation

PROJECT REQUIREMENTS

Geographic Area

- Project Completion “Solely” Within EPA Region 6
 - Arkansas, Louisiana, New Mexico, Oklahoma, and Texas
- Some Operation in Nine-County Ozone Nonattainment Area



PROJECT REQUIREMENTS

Emissions Reductions

- **Required**
 - Reduce Existing Diesel Emissions
 - Reduce Nitrogen Oxides (NOx)
- **Preferred**
 - Reduce Greenhouse Gas Emissions

Activity Life

- **Two-Year Minimum**
 - Retrofits, On-Vehicle Idle Reduction, Aerodynamic Technologies, Low Rolling Resistance Tires, Repowers
- **Five-Year Minimum**
 - On-Site Idle Reduction Infrastructure, Equipment/Vehicle Replacement (Including School Buses)

PARTNER SELECTION

Expect to Include All Eligible Project Applications

- If Funds Awarded by EPA, Enter into Contracting**
- Submission of Required Forms Constitutes Commitment to Implement Activities**

Will Notify Prospective Partners of Inclusion Prior to Submitting Final Application to EPA

Will Initiate Competitive Selection Process if Excessive Applications Received or EPA Funds Less than Requested

- Cost-Effectiveness**
- Emissions Reductions**
- Petroleum Use Reductions**

NCTCOG AND PARTNER OBLIGATIONS

NCTCOG Not Obligated to Fund All Applications Received

- Previous Demonstration of Marginal/Unsatisfactory Performance**
- Determination of Risks, Including Applicant Financial Condition**
- Funding Decisions May be Based Upon Factors Associated with Best Achieving Program Goals**

NCTCOG is Not Liable if Proposal Not Selected for Funding

Partners Surrender Emissions Credits to NCTCOG

Partners Will Implement Activities as Proposed if Funding Awarded

GRANT ADMINISTRATION

Disbursement of Funds

- Reimbursement Basis
 - Documentation Required
- Expenses Must be Incurred After Contract Execution
- Third Party Grant Assignment May be Allowed

Reporting Requirements

- Due Semi-Annually to NCTCOG
 - Ex: Mileage, Hours of Operation, Fuel Use
- Required for Full Activity Life
- Activity Life Must be Identified in Application

APPLICATION REQUIREMENTS

Due by 5 p.m. CDT on April 24, 2009

Two Copies Required

- **One Electronic Copy (Preferably via E-mail)**
- **One Hard Copy With Original Signature**

Application Contents

- **Five-Part Application Form**
- **Additional Supporting Documentation (if applicable)**

Commitment Letter

- **Signed by Authorized Official**

SCHEDULE

Milestone	Date
Intent to Submit Form Due	April 10, 2009
Project Application Form and Commitment Letter Due	April 24, 2009 by 5 p.m. CDT
NCTCOG Notifies Potential Partners of Inclusion	April 27, 2009
EPA Anticipated Onset of Project Implementation	June 2009
Project Implementation Deadline	September 30, 2010

CONTACT INFORMATION

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QUESTIONS

