

# Clean Transportation Program

Electric Vehicles and Charging Infrastructure

NGVs, Propane Vehicles and Fueling Infrastructure

Ethanol, Biodiesel and Other Biofuels

Other Emissions Mitigation Technologies and Programs

# Clean Transportation Program

- We work to propel the development, awareness and use of alternative fuels and advanced transportation technologies through:
  - technical assistance, including trainings and fleet assessments
  - education and outreach initiatives, including workshops, meetings, conferences and marketing campaigns highlighting the benefits of using clean transportation technologies
  - administering clean transportation technology grants

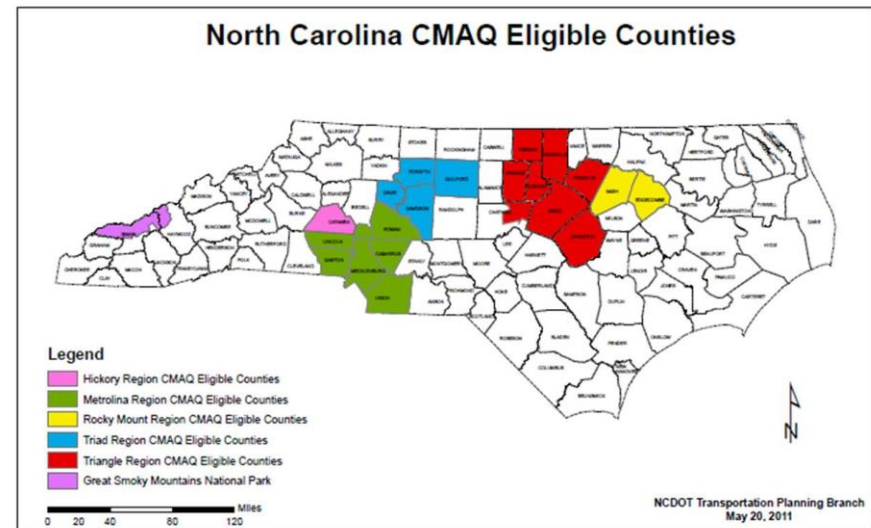


# Clean Transportation Overview

Opportunities	Services Provided	Targeted Sectors	Benefits
Alternative Fuels (propane, natural gas, biofuels, electric vehicles)	Assessments Public education Technical training	Public and private fleets Transit agencies General public	Fuel savings; emissions reductions; shifting to domestic fuels
Vehicle utilization, idle reduction technologies, and telematics	Assessments Fleet manager workshops	Public and private fleets	Fuel savings, maintenance savings, increased safety for drivers, emissions reductions
Research	Policy studies Overviews of different transportation technologies	State or federal agencies, transit agencies	Research studies can be applied to support various transportation applications that can support policy or technology development or implementation

# Clean Fuels and Advanced Technology (CFAT) Project

- The CFAT project deploys federal Congestion Mitigation Air Quality (CMAQ) funding received from the N.C. Department of Transportation (DOT)
- Those funds provide direct financial assistance to numerous clean transportation projects each year for a variety of public and private entities, all focused on reducing transportation-related air pollution emissions
- The funds focus on 24 CMAQ-eligible counties currently in “maintenance” status under federal air quality rules, though electric charging infrastructure can be funded statewide
- We are awaiting our contract for these funds and hope to put out an RFP in the late Winter/ early Spring.



# CFAT Project Overview Cont'd

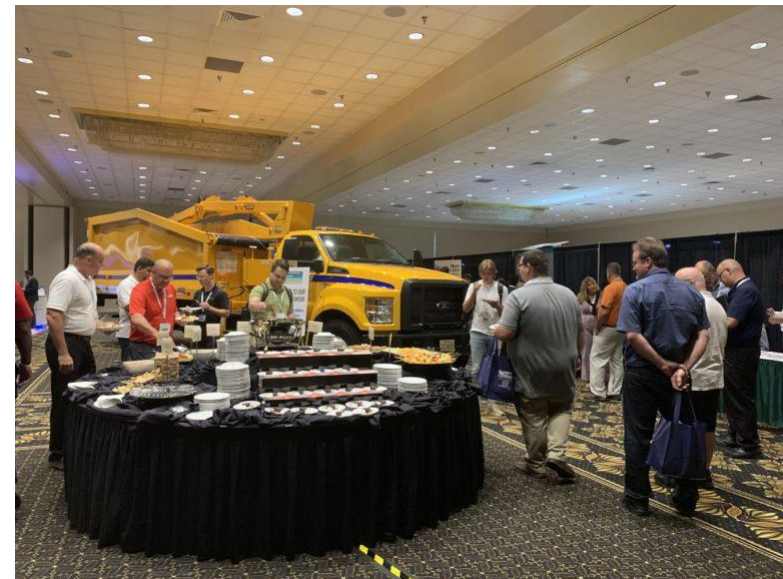
- Over past 15 years, we have provided \$11.9M in federal funds to help private and public fleets in NC purchase clean transportation technologies to improve NC air quality

Some projects funded to date:

- 110 Infrastructure projects
- 327 Alternative fuel vehicles
- 39 Hybrid vehicles
- 74 Diesel retrofits
- 128 Propane retrofits
- 310 Telematics units

# Clean Transportation: Fleet Education

- The Sustainable Fleet Technology webinars series provides virtual trainings on topics related to electric vehicles, fuel efficiency, and other ways of improving your fleet's sustainability
- Sustainable Fleet Technology Conference
  - In-person conference August 30-September 1, 2022 at Durham Convention Center
  - [www.SustainableFleetExpo.com](http://www.SustainableFleetExpo.com)



# Clean Transportation: Public Education

- In Person Public Outreach/Ride and Drive Events
  - We organize electric vehicle displays outside sporting events and other events, such as Earth Day Festivals
- Student Art Contest
  - In March through April, North Carolina K-12 students can submit artwork that is voted on through Facebook. Winners have their artwork displayed on billboards across the state.



# NC DEQ VW Settlement Partner

- In Table 3 of the Historically Under-Resourced Counties Outreach Program in Phase 2 of the VW Mitigation Plan, Columbus County is sited as eligible to receive maximum funds for the VW Settlement.
- NCCETC can provide guidance on the application process for Eastern and Central North Carolina Clean Cities stakeholders.
- The VW RFP is slated for release in February 2022.



# Eastern and Central North Carolina Clean Fuels Coalition

- Created by US Department of Energy to reduce reliance on petroleum products and improve air quality.
- Convene public/private stakeholder partnerships to share alternative fuel and advanced technologies resources and information that reduce fuel use and related air pollution.
- Seeking partners in Central, Eastern and Northeastern NC
- Free of charge
- Benefits include educational opportunities, networking opportunities, and guidance on funding opportunities. We will work with stakeholders on developing workshops and trainings in your regions.

# Contact Information

For all follow-up inquiries, please contact:

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[www.cleantransportation.org](http://www.cleantransportation.org)

[www.fuelwhatmatters.org](http://www.fuelwhatmatters.org)