



Get Involved. Get Educated. Get Results.

NC Mobile CARE (Clean Air Renewable Energy) is an initiative to recognize exemplary efforts to accelerate the use of alternative fuels and advanced transportation technologies. It's also an opportunity to learn what you can do to make your vehicles cleaner and more energy efficient. There are four simple steps to becoming a Mobile CARE partner:

- STEP 1:* Adopt a **Responsible Fleet Policy** (see back for details)
- STEP 2:* Complete a fleet/vehicle survey that will give us a snapshot of your current operations
- STEP 3:* Develop a plan/strategy to reduce emissions. You can review options with your local Clean Cities Coalition or Mobile CARE coordinators if there's no coalition in your area.
- STEP 4:* Earn recognition for these efforts. All new Mobile CARE partners will be recognized annually. Exemplary efforts will be awarded annually. One does not have to be a Mobile CARE partner to be eligible for exemplary awards.

As a Mobile CARE partner you can achieve a real reduction in emissions and fuel consumption, which can make a difference to the environment and the operating budget. Examples of efforts you can incorporate in your operations:

- ✓ Reduce fuel use and emissions through conservation policies and activities; idle reduction policy, car pooling, sizing vehicles, proper tire inflation and maintenance, limiting speeds, etc.
- ✓ Diversify fuel sources by displacing petroleum with the use of biofuels and other alternative fuels.
- ✓ Employ emission reduction technologies; diesel retrofits, hybrids, electric vehicles, etc.
- ✓ Develop organization policies to ensure expanded use of alternative fuels and advanced transportation technologies to strengthen local economies and improve air quality.

NC Resources:

Triangle Clean Cities Coalition promotes the use of alternative fuel vehicles (AFVs) in the Triangle Region by creating partnerships to develop the AFV market and related infrastructure. Contact Tobin Freid at (919) 558-9400.



Centralina Clean Fuels Coalition promotes, accelerates, and expands the use of alternative fuels and vehicles for the transportation sector in the counties surrounding the Charlotte area. Contact Jason Wager at (704) 348-2707.



Land-of-Sky Clean Vehicle Coalition is increasing the use of alternative fuels and vehicles in the Asheville area. Contact Bill Eaker at (828) 251-6622.



Regional Mobile CARE Partnerships, organized by the NC Solar Center, facilitate meetings, analyze fleet surveys, and provide options for reducing vehicle emissions, incorporating advanced transportation technologies, and diversifying fuel supplies. The NC Solar Center will help all areas of North Carolina not with the above coalitions. Contact Anne Tazewell at (919) 513-7831.



National Resources:

ICLEI provides technical consulting, training, and information services to build capacity, share knowledge, and support local government in the implementation of sustainable practices, including transportation through a green fleet initiative. Visit www.iclei.org for more info.



This national initiative is striving to meet or beat the Kyoto Protocol targets in their own communities, through actions such as anti-sprawl land-use policies, fossil fuel reduction in fleets, and public information campaigns. For more info, visit www.seattle.gov/mayor/climate.



Funding Resources:

There are federal and state financial incentives for the distribution of alternative fuels as well as the use of alternative fueled and advanced technology vehicles. Additional grants and funding is also available through state and local groups in North Carolina. View all the current funding opportunities on the FUNDING page of www.cleantransportation.org.

Guide to Responsible Fleet Policies

Why should we adopt a “green fleet” policy?

Economy: NC imports virtually all of its transportation fuel, over 5.5 billion gallons each year. Supporting fuel diversity buffers us from supply disruptions and price spikes caused by natural disasters and political instability in other parts of the world. By producing biofuels, we keep fuel dollars circulating in our state, enhancing economic development.

Environment: Petroleum burned for transportation is responsible for 34% of the green house gas emissions in NC. It is also a significant source of NOx, CO, and particulate matter.

Health: Twenty-four counties do not meet National Ambient Air Quality standards and the health of 36% of North Carolinians is at risk due to our poor air quality.

How do we adopt a “green fleet” policy?

Option 1: (From the top) Pass a City/County wide *ordinance*, or enact an executive order, that codifies the “green fleet” process and delegates specific responsibilities within local government to take action.

Option 2: (From the bottom) Establish internal departmental or agency fleet policies, which are clear and carry sufficient weight with departmental or agency heads.

Option 3: (Hybrid of 1 & 2) Pass a *resolution* that serves as enabling legislation for establishing a “green fleet” policy, and then work out the details of the policy at the departmental or agency level.

What does a “green fleet” policy look like?

Green Fleet Resolution template

WHEREAS, the City of _____ is committed to cost savings measures to reduce the energy consumption of its fleet;

WHEREAS, the City of _____ is committed to reducing our dependence on imported oil;

WHEREAS, the City of _____ recognizes that energy use associated with the operation of its vehicles exacerbates local air quality problems and results in greenhouse gas emissions that contribute to global climate change; and

NOW, THEREFORE, BE IT PROCLAIMED that the City of _____ will develop a "green fleet" plan which includes an inventory of fleet vehicles, establishment of clear goals for reducing energy use and emissions from fleet activities, and action steps to achieve stated goals.

Green Fleet Ordinance template

Section 1: Establish the basis for the ordinance

→ Why is this policy needed? Discuss air quality issues, climate change, fuel use, etc.

Section 2: Define important terms within the policy

→ Use this section to explain any confusing fleet or fuel terminology such as vehicle weight classes or what is considered an alternative fuel or efficient vehicles.

Section 3: Establish a procedure to conduct a fleet inventory

→ It is important to establish a baseline of fleet characteristics to use as a measuring stick

Section 4: Set goals you want the “green fleet” policy to achieve

→ Set quantifiable goals for the fleet such as a percent reduction in use or emissions by a target year.

Section 5: Outline the strategies your fleet will employ

→ What strategies will you use to achieve the goals you’ve set? These can include downsizing vehicles, purchasing alternative fuel vehicles, and reducing the amount of traveling required by the fleet.

Section 6: Establish a way to monitor and enforce the policy

→ Departments should be required to document their progress and be monitored by a “green fleet” review committee who will monitor adherence to the policy and highlight successes.

Where can I get more information about creating a “green fleet” policy?

Detailed Ordinance templates: www.airquality.org/modelord/EpisodicModelLEFleetV10.pdf
www.cleanaircounts.org/content/Green%20Fleet%20Policy%20Ordinance.pdf

Examples “green fleet” strategies and policies: www.greenfleets.org/greenfleets_us.html

NC Solar Center: Clean Transportation Program, 919-513-7831 or cleantransportation@ncsu.edu