2017 NC Smart Fleet Recognition Program
Member Accomplishments

The NC Smart Fleet Program is an initiative to recognize North Carolina fleets for efficiency efforts, as well as clean transportation technology and policy adoption. NC Smart Fleet provides an opportunity for public and private sector fleets to quantify, aggregate, and celebrate all that they are doing for air quality and fuel efficiency.

The program requires tracking and documentation of a fleet’s annual fuel use, outreach activities and internal fleet procedures. In addition to implementing cleaner burning alternative transportation fuels and/or idle reduction technologies, fleet activities help reduce petroleum fuel use while increasing awareness among partners.

CHAMPIONS

BuildSense
Erik Mehlman, Partner
BuildSense is a design-build general contractor with an emphasis on green-building in commercial and residential. With a fleet containing 38% alt fuel vehicles, they showed continued exemplary level of reliance upon CNG.

City of Concord
Daniel Nuckolls, Fleet Services Director
Having been named many times among the top 100 Best Fleets in the nation, City of Concord is deeply rooted in the group of Champions. And they continue to excel. The City of Concord has over 800 vehicles in its fleet, 3/4ths of which are either hybrids, EVs or dedicated to alternative fueling. Moreover the City has been right-sizing its fleet for 14 years to ensure a newer, more efficient fleet.

City of Durham
Joe Clark, Fleet Management Director
City of Durham continues their Championship excellence with a great array of efforts and policies: The GIS office is engaged in a deep examination of individual vehicles, efficiencies, routes, idling, etc. to squeeze further efficiencies out of operations in Solid Waste. With recent replacement of police cruisers, fuel efficiency technologies a major factor in the selection process. Efficiency was also behind a number of substantial facility improvements, including shop fans and material handling.

   Due to a new stringent right typing/right sizing replacement program, plus robust analytics, City of Durham’s Fleet increased their total miles driven (9.2 m to 10.53 m miles, a 14.5% rise), increasing fuel use (1.145 m gals to 1.28 m gals, a ~12% rise), while increasing their overall fleet MPG by 0.5mpg. This is equivalent to reducing fuel use by more than 67,500 gallons!
CHAMPIONS (continued)

City of Raleigh
Travis Brown, Maintenance Operations Manager
City of Raleigh continues a substantial commitment to buying fuel efficient and alt fuel vehicles, nearly doubling their number in 4 years. This includes a large new purchase of 44 hybrids, 3 EVs, and a plan to transition their entire bus fleet to CNG in the next year and a half. Also, in 2015 City of Raleigh built 2 new state of the art fleet services facilities, one of which is LEED certified Silver.

EPES Transport
David Leik, Vice President for Maintenance
This freight hauler has sustained their commitment to clean air with a strong portfolio of efforts: They continue to run both liquefied natural gas (LNG) and compressed natural gas (CNG) trucks; And they continue to improve fuel economy through techniques such as monitoring tire pressure, mandating speed limits, purchasing trucks that are more aerodynamic, and using telematics. Additionally, EPES is testing several brands of trailer tails, and an electric APU device to further reduce fleet idling.

Town of Cary
Brandon Pasinski, Fleet Division Manager
Despite challenging growth of population and demands for public services, Town of Cary continues to lead in purchasing high MPG vehicles, robust use of smart-fleet technologies, and truly exemplary policies to push their Championship status.

UNC Charlotte
Christopher Facente, Automotive & Motor Fleet Supervisor
UNC Charlotte continues to shine as a Champion for Smart Fleet policies and practices. This year they report diverse progress such as a new policy for re-winding of motors for campus electric vehicles, installation of 48 new level two charging stations in 4 parking decks, light rail on campus, a new bike-share system, reduced energy consumption in buildings, and eco-drive training for all new employees.

Waste Industries of North Carolina
Josh Thompson, Director of Purchasing
Waste Industries of North Carolina is a warmly welcomed newcomer to the Smart Fleet program, with a tremendous demonstration of their commitment to improving urban air quality with CNG powered vehicles, route planning and telematics. 25% of their fleet is alt-fueled and 23% of their fuel consumption last year was CNG.
LEADERS

City of Charlotte
Kathy Sanders, Solid Waste Services Fleet Manager
City of Charlotte is making remarkable progress in collaboration and management of fleet data. This year's Smart Fleet application represents a first in a reporting effort including Charlotte Mecklenburg Police Department; City Fire Department; Solid Waste Services; Water; Department of Transportation; Engineering and Property Management; Housing and Neighborhood Services. Very strong efforts are being made to reduce air pollution and improve fuel economy across these City functions and we’re just so pleased to be able to work with them.

Charlotte-Mecklenburg Schools
Daniel Collins, Manager of Environmental Health and Safety
Charlotte-Mecklenburg Schools showed continued Leadership in clean transportation with very good use of technologies such as anti-idling, GPS, route planning, and driver prompts to remember MPGs and Eco Driving techniques.

SUPPORTERS

National Institute of Environmental Health Sciences (NIEHS)
Paul Johnson, Manager of Environmental Protection & Stewardship Programs
NIEHS is a small fleet, but as a vital federal agency working on public health research, they are so important to have in our Smart Fleet program. We are pleased to recognize their efforts at data tracking and reporting, and excited to have them in the fold as a Supporter of Smart Fleet.