



NORTH CAROLINA Solar Center

Advancing Clean Energy for a Sustainable Economy

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AFIT for North Carolina

The “**Alternative Fuels Implementation Team (AFIT)**” project is a 2-year collaborative effort funded by the US Department of Energy aimed at making it easier for fleets to use alternative fuels (biodiesel, electricity, ethanol/E85, natural gas, propane). AFIT is being led by the North Carolina Solar Center/NC State University, in collaboration with the following partners:

- Advanced Energy
- Centralina Clean Fuels Coalition
- Land of Sky Clean Vehicles Coalition
- Triangle Clean Cities Coalition
- Alliance Autogas
- Biofuels Center of North Carolina
- Duke Energy
- Holmes Oil
- NC Dept. of Commerce State Energy Office
- NC Propane Gas Association
- Piedmont Natural Gas
- PSNC Energy

Project activities and outcomes include:

- *Alternative Fuels Implementation Team* – Quarterly meetings of industry, government and Clean Cities stakeholders to strategize on alternative fuel deployment priorities and guide the development of the tools and events described below
- *Alternative Fuel Charrettes* – Four ½-day planning workshops to identify and prioritize barrier reduction activities to increase biodiesel, E85, natural gas, and propane use in transportation
- *Implementation projects* – Two barrier reduction tasks/activities for each fuel (including electric) to facilitate more widespread use
- *Alternative Fuels Implementation Toolkit* – “How To Implement” guide for fleets that will include sections on each alt fuel with helpful decision-making tools and specific NC case studies
- *Southeast Regional Alt Fuels Conference/Expo* – conducted in collaboration with Clean Cities coalitions in 5 neighboring states to share information and celebrate successes in alt fuel use with recognition awards
- *Statewide Alternative Fuel Users Database* – an on-line accessible reference tool to help fleets interested in using alternative fuels connect up with fleets already using them in North Carolina
- *State Purchasing Contract and Road Signage Policies* – work with state agencies and neighboring states to enhance state contract and road signage opportunities for alternative fuels
- *Fleet Consultations* – meeting with public and private fleets in North Carolina to develop alternative fuel implementation plans



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