FLEET ASSESSMENT
Go Green, Save Green

Fleet assessments help you examine the total costs and impacts from vehicle use in your organization, and generate an analysis-based plan to potentially reduce costs and impacts. The following procedures outline the components of a fleet assessment.

**Form a Team, Host a Site Visit**
1. Determine goals and priorities for the assessment (reduce fuel use and emissions, increase fuel/vehicle diversity)
2. Include all relevant individuals associated with the fleet
3. Discuss alternative fuels and advanced transportation technology options
4. Tour the fleet and check maintenance procedures
5. Develop a tasks timeline for the assessment

**Data Analysis**
1. Identify the types of vehicles in your current fleet
2. Analyze the purpose of those vehicles
3. Chart the use of the vehicles (e.g. miles driven, fuel used)
4. Review vehicle replacement and purchasing policy, predicting how many vehicles will be replaced or added on

**Results Reporting**
1. Summarize fleet details, offer comparisons to standards or other similar fleets if available
2. Identify opportunities for improvement in relation to assessment goals and priorities
3. Include case studies, cost-comparison examples, contact information for specific products or services, and list of applicable incentives and grants

**Post-Assessment Follow-up**—get technical support as needed to implement strategies developed as a result of the assessment

Recommendations may include:
- Conservation strategies to reduce miles driven
- Choosing more efficient conventional vehicles
- Policies to encourage vehicle “right-sizing”
- Use of low-carbon fuels
- Use of battery powered electric vehicles and hybrids
- Diesel technologies
- Idle-reduction retrofits
- Practices to improve MPG

The NCCETC Clean Transportation Team is now offering to conduct Fleet Assessments on a limited basis. Contact us for more information, or to find out if you qualify for this service:
cleantransportation@ncsu.edu | 919-513-7831

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