Converting Vehicle Fleets to Alternative Fuels:
Federal Policies Key for Reducing U.S. Dependence on Foreign Oil
Transportation Energy Partners

- Provides policy support to the nation’s Clean Cities Coalitions & our 18,000 stakeholders

- Keeps coalitions & stakeholders informed of key policies, programs, & funding opportunities

- Educates decision makers about the importance of advancing markets for clean vehicles and fuels
Why are Alternative Fuels Critical?

The United States spends $1 billion per day on imported oil

One billion dollars in hundred dollar bills
Clean Cities Program

- Created by Department of Energy
- In response to Energy Policy Act of 1992
- Almost 100 Coalitions nationwide
- Nearly 18,000 stakeholders
  - Private Companies
  - Fuel Suppliers
  - Local Governments
  - Vehicle manufacturers
  - National Laboratories
  - State and federal agencies
- More than 5 billion gallons of petroleum saved since 1993!
Clean Cities advances the **energy**, **economic**, and **environmental** security of the United States by supporting local actions to reduce petroleum use in transportation.

**Strategies**
- Alternative & Renewable Fuels
- Idle Reduction Measures
- Fuel Economy Improvements
- New Technologies
Contributions by Strategies

- Alternative Fuels & Vehicles, 72.5%
- HEVs & PHEVs, 8.4%
- Vehicle Miles Traveled, 8.4%
- Idle Reduction, 6.5%
- Off-Road, 1.4%
- Fuel Economy, 2.8%
Contributions by Fuel Type

- Natural Gas: 60.9%
- Biodiesel: 17.0%
- Ethanol (E85): 10.9%
- Propane: 7.8%
- Electric: 3.4%

2012 GGE reduced (gal) – 479,746,190
2013 GGE reduced (gal) – 531,700,255
Increase = 10.8%
Note: "E85 vehicles" includes only fleet-based vehicles and excludes vehicles with E85 fueling capability that are owned by individuals.
Source: Alternative Fuels Data Center (AFDC), either directly (www.afdc.energy.gov/fuels/stations_counts.html) or from historical Transportation Energy Data Books (www.osti.gov/bridge/basicsearch.jsp)
Federal R&D in partnership with private sector is critical to develop new technologies – issues of national importance may be developed in partnership with federal government.

Federal support is critical to demonstrate and deploy new technologies – it takes time for new technologies to evolve from the lab and take hold in the market place.
Perspectives from Three NAFA Fleets

- **Claude T. Masters**, CAFM, Manager of Acquisition and Fuel, Florida Power & Light, and President of NAFA Fleet Management Association

- **Jeffery L. Jeter**, Fleet Manager, Chesterfield County, Virginia and Treasurer of NAFA.

- **Steven W. Saltzgiver**, Vice President of Fleet Management, Republic Services Inc., and Chair of NAFA’s Government Affairs Committee.