Clean Cities Program Overview

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U.S. Department of Energy

Mission
To ensure America’s security and prosperity by addressing its energy, environmental, and nuclear challenges through transformative science and technology solutions
Clean Cities

Clean Cities Mission
To advance the energy, economic, and environmental security of the U.S. by supporting local decisions to reduce petroleum use in transportation.

- Provides a framework for businesses and government agencies to work together
- Goal: Reduce U.S. petroleum use by 2.5 billion gallons per year

Delaware’s Clean Cities Mission

Delaware’s Clean Cities Mission is three-fold:
- Advance the deployment of alternatively fueled vehicles;
- Reduce emissions that come from the transportation sector; and
- Reduce vehicle miles traveled through policies and programs that encourage car and van pools, ride-share and public transportation.
Clean Cities Coalitions

- Nearly 100 coalitions in 45 states
- 775,000 AFVs using alternative fuels
- 6,600 fueling stations

Clean Cities Stakeholders

Coalitions are made up of local and national stakeholders.

- 8,400 stakeholders nationwide
- 49% private-sector stakeholders
- 51% public-sector stakeholders

Delaware’s Coalition is made up of local governments, car dealers, state Universities, and private industry.
Clean Cities Strategies

- **Replace** petroleum with alternative and renewable fuels (propane, natural gas, electric, etc.)

- **Reduce** petroleum use through fuel efficiency measures, smarter driving practices, and idle reduction

- **Eliminate** petroleum use by promoting mass transit, trip elimination, and congestion mitigation

In 2011, the Delaware Clean Cities Coalition Stakeholders reduced the equivalent of 151,381 gallons of gasoline.

Clean Cities Portfolio of Technologies

**Alternative and Renewable Fuels**
- Biodiesel
- Electricity
- Ethanol (E85)
- Hydrogen
- Natural gas
- Propane

**Fuel Economy**
- Fuel efficient vehicles
- Driving habits
- Vehicle maintenance

**Idle Reduction**
- Technologies
- Behavioral changes

**Trip Elimination**
- Telecommuting
- Ridesharing
Clean Cities Portfolio of Technologies

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Delaware Outreach

- Regional Partnerships
  - Transportation Climate Initiative
  - Georgetown University

- Local Events
  - Movie Night
  - Coast Day at the University of Delaware

- Stakeholder Events
  - Tours
  - Education
Clean Cities Strengthens Markets

- Connecting fleets with fuel providers and industry partners
- Training and information
- Technical assistance
- Funding
- Education and outreach to decision makers, fleets, and the public

Alternative Fuels & Advanced Vehicles Data Center

Petroleum Reduction Plan

Vehicle Type: Ground Type

- Number of Vehicles
- Average mpg
- Fuel Economy of Old Vehicles
- Fuel Economy of New Vehicles
- Fuel Savings

Total GGE: 80777
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Alternative Fuels & Advanced Vehicles Data Center - Information at your finger tips!

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FuelEconomy.gov

www.fueleconomy.gov
Online Information Resources

Delaware Clean Cities Program
http://www.afdc.energy.gov/cleancities/coalition/delaware

Clean Cities Publications
http://www1.eere.energy.gov/cleancities/publications.html

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FuelEconomy.gov
www.fueleconomy.gov

Alternative Fuels Data Center Maps and Data
http://www.afdc.energy.gov/data/

Contact Information

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Questions?