



U.S. Department of Energy
Energy Efficiency
and Renewable Energy

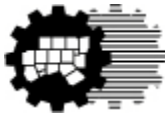


Clean Cities 101: What is Clean Cities and why are we focusing on fleets?

Mindy Mize

Flip this Fleet: Advancing the Choice

June 27, 2007



North Central Texas
Council of Governments



The Clean Cities Mission:

Clean Cities was born through the Energy Policy Act of 1992:

“To advance the economic, environmental, and energy security of the United States by supporting local practices that contribute to the reduction of petroleum consumption in the transportation sector”

Currently the National Clean Cities Program is part of the Energy Efficiency and Renewable Energy's FreedomCAR and Vehicle Technologies Program



Objectives of the Clean Cities Program

80 volunteer coalitions, which develop public/private partnerships to:

- facilitate the deployment of alternative fuel vehicles (AFVs)
- support the installation of an alternative fuel refueling infrastructure
- increase the use of fuel blends (i.e. diesel/biodiesel & ethanol/gasoline)
- accelerate sales of hybrid electric vehicles
- promote informed consumer choice on fuel economy
- encourage the use of idle reduction technologies/policies for heavy-duty trucks and other vehicles



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The logo for Clean Cities, featuring a stylized "C" with a leaf-like shape inside, followed by the text "Clean Cities".

Clean
Cities

Why are the Clean Cities Objectives Important ?

Improve Air Quality

Reduce Greenhouse Gas Emissions

Enhance Energy Security



The Clean Cities Petroleum Displacement Goal in the United States

1 billion gges met in 2005

- Billion Gallon Celebrations held in October

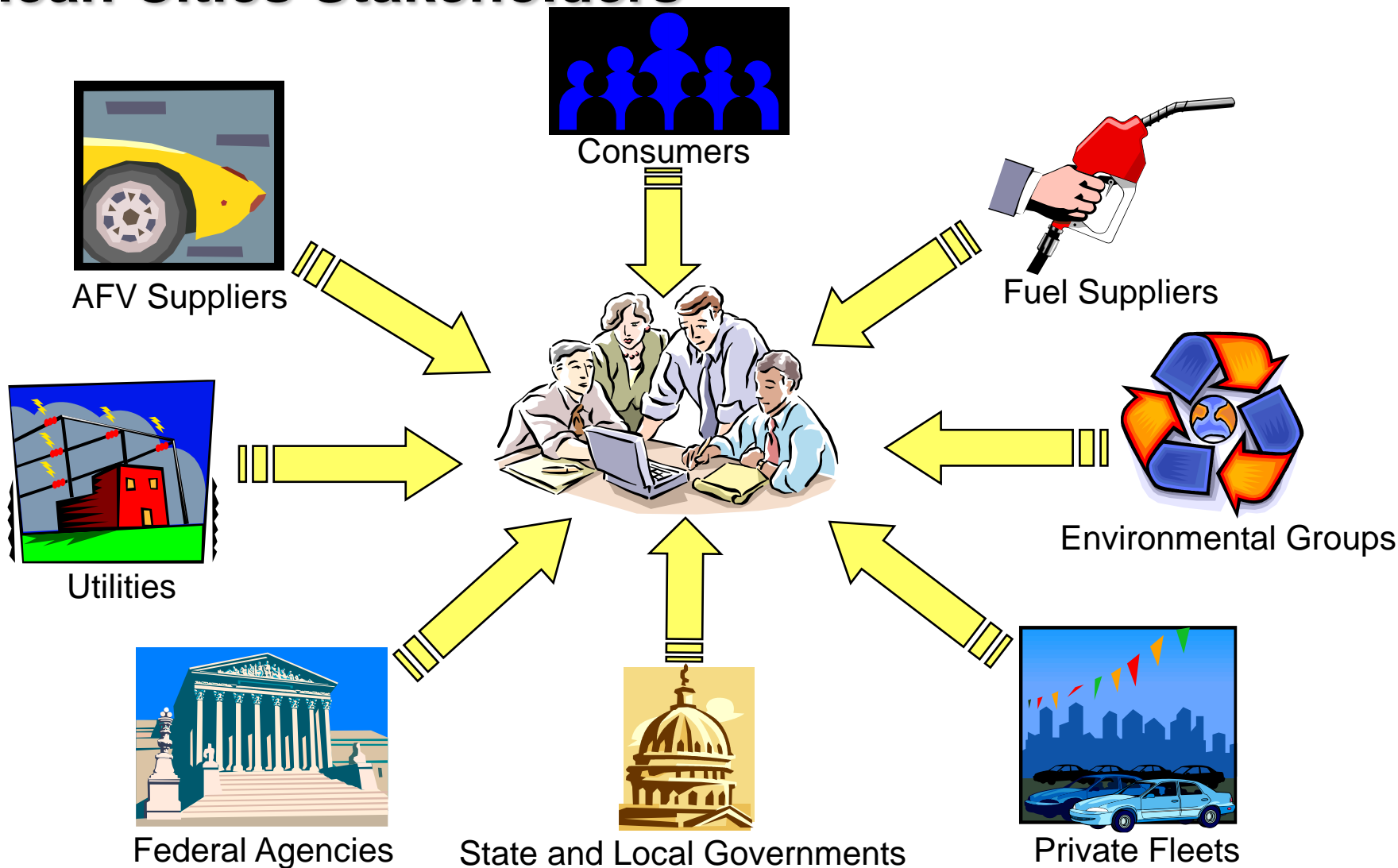
1 billion gges is equivalent to:

- Gasoline burned by 5 million cars
- 1 supertanker every 8 days
- 53 million barrels of oil per year
- 150,000 barrels of oil per day

Goal: 2.5 billion gges/year by 2020



Clean Cities Stakeholders





Assets of Clean Cities

Coordinators

- Local champion and point of contact
- Strong local relationships and understanding of player and issues

Coalitions

- Members/Stakeholders are committed to the mission
- Build bridges in the local community to mutually address barriers

Local Strategy to Advance a National Goal

- Local involvement works effectively in communities
- National leadership adds legitimacy to local activities and assists with information transfer among coalitions



Assets of Clean Cities Continued

Technical Support/Information Resource

- Alternative Fuels Data Center (AFDC)
 - AFDC recognized nationally and abroad as reliable sources of unbiased information
 - Website with technical information on technologies
 - Resource for fleets, public, and coordinators
- Tiger Teams
 - Technical experts to solve implementation problems
- Funding Information
 - State and Federal Incentives and Laws



Focus on Fleets

Why Fleets?

- Big Impact
 - Bulk Purchasing of Vehicles
 - Impact on the Public
- Grant Opportunities/Leveraging of Funds
- Centrally Fueled
- EPEAT Mandated Fleets



Clean Cities Coalitions Across the United States...



**DOE Alternative Fuels
 Data Center**

* Connecticut Clean Cities Include:
 - Norwich
 - New Haven
 - CT Southwestern Area
 - Capitol Clean Cities of CT

Map Date: 5.12.05



Active Coalitions in Texas

Houston/Galveston- Stephanie Lee

Central Texas- Stacy Neef

Dallas/Ft. Worth- Mindy Mize

Tyler/Longview- Rick McKnight

San Antonio- Andy Hudgins

Beaumont/Port Arthur- Bob Dickinson

Victoria- Joni Brown



Texas Brings Home National Awards from the National Clean Cities Conference

SECO receives Clean Cities National Partner Award (NPA)

CleanFUEL USA recognized as International Propane Exporter Partner Award

ABIA/Austin recognized as a Best Airport Propane Fleet of the Year

Dallas County Schools awarded NPA for Propane Fleet of the Year

D/FW International Airport award NPA for Natural Gas Fleet of the Year

USPS recognized for their CNG fleet efforts

Alvin ISD named Best Propane Transit/School Fleet

McShan Florist in Dallas awarded National Private Fleet of the Year

Sun Metro of El Paso awarded the National Transportation Fleet of the Year



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Cities

Clean Cities in Action





Resources

National Clean Cities' Program

<http://www.eere.energy.gov/cleancities/>

DOE's Clean Fleet Guide

<http://www.eere.energy.gov/fleetguide/>

EPA's Green Vehicle Guide

<http://www.epa.gov/autoemission/>

Alternative Fuels Refueling Station Locator

<http://www.eere.energy.gov/afdc/infrastructure/locator.html>

SECO's Alternative Fuels Program

<http://www.seco.cpa.state.tx.us/alt.html>

Texas General Land Office

<http://www.glo.state.tx.us/>

Texas Railroad Commission

<http://www.rrc.state.tx.us/>

Texas Commission on Environmental Quality

<http://www.tceq.state.tx.us/index.html>



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For more information:

Mindy Mize
Principal Transportation Planner
DFW Clean Cities Coordinator
Transportation and Air Quality Marketing/Outreach
mmize@nctcog.org
(817) 608-2346
www.nctcog.org/cleantities