What is Clean Cities?

Clean Cities is a government-industry partnership designed to reduce petroleum consumption in the transportation sector by advancing the use of alternative fuels and vehicles, idle reduction technologies, hybrid electric vehicles, fuel blends, and fuel economy.

Sponsored by the U.S. Department of Energy’s (DOE) FreedomCAR and Vehicle Technologies Program (FCVT), Clean Cities contributes to the energy, environmental, and economic security of the United States by reducing our dependence on imported petroleum. Established in 1993 in response to the Energy Policy Act (EPAct) of 1992, the partnership provides tools and resources for voluntary, community-based programs to reduce consumption of petroleum-based fuels.

In almost 90 coalitions, government agencies and private companies voluntarily come together under the umbrella of Clean Cities. The partnership helps all parties identify mutual interests and meet the objectives of reducing the use of imported oil, developing regional economic opportunities, and improving air quality.

Which technologies are included?  
The Clean Cities portfolio includes alternative fuels and vehicles, hybrids, idle reduction, fuel blends, and fuel economy.

The portfolio provides a range of options and flexibility to meet the petroleum displacement goals. Clean Cities deploys technologies and practices developed by FCVT. These include truck stop electrification and onboard auxiliary power to reduce fuel used in idling trucks, hybrid electric vehicles, the blending of non-petroleum based fuels (such as ethanol or biodiesel) with conventional fuels, higher efficiency vehicles and driving practices, and the cornerstone of the portfolio, alternative fuels. The alternative fuels, which are defined by EPAct and supported by Clean Cities, include ethanol, biodiesel, hydrogen, electricity, liquefied petroleum gas (propane), and natural gas.

How does Clean Cities work?  
The partnership mobilizes local stakeholders in government and industry.

Clean Cities draws stakeholders from local, state, and federal agencies; public health and transportation departments; commercial fleets; transit agencies; and other government offices; as well as auto manufacturers, car dealers, fuel and equipment suppliers, public utilities, and nonprofit associations. More than 5,500 stakeholders have accepted the invitation to contribute to the partnership's mission.

Clean Cities is instrumental in cultivating an advanced transportation community in which people learn about a wide range of options and technologies. In addition, Clean Cities helps create markets for alternative fuel vehicles (AFVs), hybrids, fuel blends, fuel economy, and idle reduction. A Clean Cities coalition can provide a forum for members to leverage their resources, develop joint projects, collaborate on public policy issues, and promote petroleum displacement and clean air technologies.

The partnership addresses the challenge of moving the United States away from the infrastructure and practices that contribute to dependence on imported petroleum and toward energy independence and security. In support of this challenge, Clean Cities assists the nation in meeting its objectives for renewable and alternative fuels use.

What kind of assistance does Clean Cities offer?  
Clean Cities provides coordinated strategies and technical and funding resources.

At the national level, Clean Cities provides original equipment manufacturers, trade associations, and other federal agencies with coordinated strategies and resources they can leverage to obtain maximum petroleum displacement. Clean Cities also provides coalitions with access to information and grants from DOE, other federal agencies, and industry partners that can fund significant, high-impact projects.

Additionally, Clean Cities provides a large collection of technical data and information, including current
data on fuels, vehicles, fueling station and truck-stop electrification locations, infrastructure development, state and federal incentives and laws, technical and outreach publications, and industry resources—all available via the Internet. Finally, Clean Cities offers technical assistance to coordinators as they work to develop infrastructure and market strategies.

What has Clean Cities accomplished?
Since 1993, Clean Cities and its stakeholders have displaced the use of more than 1.6 billion gallons of petroleum.

Clean Cities is integral to many success stories. It has spurred significant gains in the nation’s AFV population and associated fuel infrastructure. Clean Cities tracks the activities and accomplishments of its coalitions, translating this to petroleum displacement. This tracking represents only a small percentage of the actual impact of Clean Cities. The program lays the groundwork for local and regional partnerships to increase the use of alternative and advanced vehicles and fuels, which ripples out from the coalitions.

Local Clean Cities Coordinators

AR-Central Arkansas
John R. Hoffpauer
501-372-3300

AZ-Valley of the Sun (Phoenix)
Corey Woods
602-258-7505, x17
www.cleanariz.org

AZ-Tucson
Colleen Crowninshield
520-792-1093, x17
www.pagnet.org/CleanCities/

CA-Antelope Valley (Lancaster)
Bret Banks
661-723-8070

CA-Central Coast
(San Luis Obispo)
Melissa Guise
805-781-4667
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CA-Capitol Clean Cities
(Manchester)
Craig Peters
800-255-2631

CA-Edward J. Gifford
415-753-1136
rsfs@aol.com

CA-East Bay (Oakland)
Mary Tucker
408-975-2581
www.svalleycleancities.org

CA-Kalamazoo
Rick Ruolo
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www.sdravfc.org

CA-San Francisco
Peter Polubiatko
808-887-6964

CA-San Joaquin Valley
(Bakersfield)
Linda Urata
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www.valleycleancities.org

CA-San Diego Region
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JoAnn Armenta
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CA-Southern California Assn.
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Rick Ruolo
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HI-Honolulu
Robert Primiano
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www.hawaii.gov/dbedt/ert/cc/

IA-State of Iowa
Brian Crowe
515-281-8518

IL-Chicago
Samantha Bingham
312-744-8096
www.chicagocleancities.org

IN-Central Indiana Clean
Cities Alliance
Kellie Walsh
317-834-3400

KSV/Iowa
Charles Holscher
517-729-2095
www.cleanairchoice.org/outdoor/

LA-Baton Rouge
Tammie Morgan
225-389-5491
www.gbrccc.org

MA-Massachusetts
David Rand
617-727-4732, x40138

MD-State of Maryland
Chris Rice
410-260-7207
www.energy.state.md.us/ programs/transportation

ME-Maine Clean Communities
Steve Loeb
207-774-1455
www.maine.gov/pem/air/nr

MI-Detroit
Dan Radomski
313-833-0100, x150
www.nextenergy.org

MI-Greater Lansing
Jeff Schrader
517-774-9891
www.gpcog.org/mcc.php

MO-St. Louis
Kevin Herdler
314-822-5831
www.stlcc.org

NC-Centralina Council of
Governments (Charlotte)
Jason Wagner
704-348-2707
www.4cleanfuels.com

Through local and national events, special emphasis is focused on educating fleet managers and interested stakeholders about Clean Cities technologies. In addition, Clean Cities has created many funding opportunities through a variety of financial support programs, making available millions of dollars and leveraging millions more, in categories such as fuel infrastructure, AFV incremental cost buy-downs, and idle reduction education.

Cumulative Gasoline Gallon Equivalents Displaced

<table>
<thead>
<tr>
<th>Year</th>
<th>Gallons Displaced</th>
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<tbody>
<tr>
<td>1994</td>
<td>0.4 million</td>
</tr>
<tr>
<td>1995</td>
<td>0.6 million</td>
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<td>1996</td>
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<td>2000</td>
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<tr>
<td>2005</td>
<td>2.8 million</td>
</tr>
<tr>
<td>2006</td>
<td>3.0 million</td>
</tr>
</tbody>
</table>

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For the most current list of Clean Cities coordinators, visit the Web site at www.eere.energy.gov/cleancities/contacts.html.

NC-Triangle Coalition (Raleigh, Durham, Chapel Hill)
Tobin Freid
919-558-9400
www.trianglecleancities.org

ND-Red River Valley (Grand Forks/Winnipeg, MB, Canada)
Dan Daly
701-777-2822
www.undeerc.org/programareas/renewableenergy/cleancities/

NH-Granite State (State of NH)
Barbara Bernstein
603-271-6751
www.granitestatecleancities.org

NJ-New Jersey
Mona Mosser
973-648-2611
www.njcleancities.org

NM-Land of Enchantment
Teresa Barron
505-856-2384
www.newmexicocleancities.org

NV-Capital District (Albany)
Duane Sikorski
775-784-7206
www.cdtcmpo.org/cdcc/cdcc.htm

NY-Central New York (Albany)
Vivienne B. Salsbury
518-458-2161
www.ny-center.org

NY-Genesee Region (Rochester)
Vacant
www.genecities.org

NY-Long Island
Barbara Casano
631-969-3700
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NY-New York City
Lou Calcagno
212-487-6820
www.earthdaycoalition.org

NY-Northern New York
Bob Dickinson
716-634-1038
www.nctcog.org/trans/clean/cities

NY-Southern Tier
Chief J. L. Commins
607-728-3830
www.scag.org

NY-Truckee Meadows Reno
Steve Vincent
800-982-3386, x2004
www.ruralcleanenergy.net

NY-Upper New York Bay
Steve Rice
212-865-3380
www.nycgov.org/csr/clean

NY-Western New York (Buffalo)
Linda Hardie
716-634-1038
www.wnycleanenergy.org

NY-Wordwide
Cecilia Stieber
516-295-4440
www.nycgov.org/csr/clean

OH-Central Ohio (Columbus)
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614-292-5435
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OH-Central Ohio (Columbus)
John Govern
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www.earthdaycoalition.org

OH-Northeast Ohio (Cleveland)
John Govern
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www.earthdaycoalition.org

OK-Central Oklahoma (Oklahoma City)
Yvonne Anderson
405-234-2264
www.okcleancities.com

OK-Tulsa
Nancy Graham
918-584-7256
www.tulsacleancities.com

OR-Columbia-Willamette (Salem)
Rick Wallace
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www.oregonenergy.org

OR-Rogue Valley (Medford)
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www.roguevalleycoalition.org

PA-Central Pennsylvania
Carl Berkelman
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www.occ.org

PA-Century Cities Coalition
Patricia McCray
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www.dcleancities.org

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www.pennsylvania.org

PA-West
Chris Dittmer
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www.dcleancities.org

PA-Wyoming
James F. Gage
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www.ytcc.org

RI-Ocean State (State of RI)
Barbara Casano
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www.li-cleancities.org

SC-Palmetto State (State of SC)
Robert A. Bragg
803-327-9041
www.sc-palmetto.org

SD-Black Hills
David Gromlich
605-337-6001
www.southdakotacities.org

SD-Eastern South Dakota
Charles E. Marwitz
605-337-6001
www.southdakotacities.org

SD-Southern Plains
Sharon A. Epp
605-337-6001
www.southdakotacities.org

SD-Upper Midwest
Karen O'Brien
605-337-6001
www.southdakotacities.org

TN-Central Tennessee (Nashville)
Dave Pelton
615-482-4849
www.tennessee-cleanfuels.org

TN-East Tennessee (Knoxville)
Andrew Hudgens
216-362-5228
www.etcfc.org

TN-Middle Tennessee
Mindy Mize
817-608-2346
www.nctcog.org/trans/clean/cities

TN-North Tennessee (Chattanooga)
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414-221-4958
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903-984-8641
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TX-Alamo Area (San Antonio)
Jeffery Healy
210-362-5228
www.nctcog.org/trans/clean/cities

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Stacy Neef
512-482-5432
www.ci.austin.tx.us/cleancities/

TX-Dallas/Fort Worth
Mindy Mize
817-608-2346
www.nctcog.org/trans/clean/cities

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1-800-982-3386, x2004
www.ruralcleanenergy.net

TX-Houston-Galveston
Bob Dickinson
409-899-8444
www.setccities.org

TX-South East Texas (Beaumont)
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412-418-4594
www.cleancities-pittsburgh.net

VA-Hampton Roads (Virginia Beach)
Chelsea Jenkins
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www.hrrcc.org

VT-State of Vermont
Karen Giltman
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www.uvm.edu/~cleancty

WA-Puget Sound (Seattle)
Mark Brady
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WI-SouthEast Area
(Milwaukee)
Kris De Smet
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www.mke.com

WV-State of West Virginia
Kelly Bragg
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www.wicleancities.org

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How does Clean Cities work internationally?

International markets help sustain the domestic alternative fuels industry, and all nations can benefit from cleaning their air, producing fuels domestically, and enhancing local economic activity. Clean Cities works with national governments, U.S. industry, and their domestic industry partners to establish a foundation for viable alternative fuels markets. In this role, Clean Cities hosts delegations, provides technical training with leveraged resources, and shares the Clean Cities model to ensure the successful acceptance of AFVs. India, Peru, and the Philippines are current participants. Clean Cities also has a partnership with the European Commission and its CIVITAS Program, an initiative similar to Clean Cities.

Where can I find more information?

Visit Clean Cities Web resources to find programmatic information, technical data, and information for fleets. Web sites include:

- Clean Cities, a Web site with information about the program’s activities and accomplishments, and an online newsletter with articles about alternative fuels, idle reduction, fuel blends, and fuel economy (www.eere.energy.gov/cleancities).
- The fleet section, which includes tools and a step-by-step process to help fleet managers and individuals make informed decisions (www.eere.energy.gov/fleetguide).
- The Alternative Fuels Data Center (AFDC), which provides detailed information on alternative fuels and vehicles and has a searchable database with more than 3,000 relevant documents. The AFDC also features the Incentives and Laws database, a source of current legislative information at the state and national levels (www.eere.energy.gov/afdc).
- The Alternative Fuels Station Locator, which searches the AFDC database for fueling stations across the country that offer compressed natural gas, liquefied petroleum gas (propane), 85% ethanol (E85), electric, biodiesel, hydrogen, and liquefied natural gas (www.eere.energy.gov/afdc/infrastructure/locator.html).
- The EERE Information Center, which provides email and telephone assistance on topics relating to energy efficiency and renewable energy. Inquiries requiring more technical expertise are forwarded to and answered by Clean Cities information specialists 1-877-EERE-INF (1-877-337-3463).