

What is the Clean Cities Program?

It is a government-industry partnership to advance alternative fuel vehicles (AFVs).

Clean Cities is sponsored by the U.S. Department of Energy (DOE), and was created with one overriding mission: to advance the use of cars and trucks powered by alternative fuels, and thereby reduce our nation's dependence on imported petroleum. The Program promotes the purchase of AFVs and the expansion of the AFV fueling infrastructure. At local coalitions across the country, governmental agencies and private companies come together voluntarily under the umbrella of the Clean Cities Program. The Program helps all parties identify mutual interests while meeting

their individual objectives—such as improve air quality, comply with federal fleet regulations, or identify and create markets for vehicles or fuel.

Additionally, Clean Cities:

- Creates new jobs and commercial opportunities
- Facilitates AFV production and sales
- Develops “clean corridors” of AFV-friendly highways
- Increases public awareness of alternative fuels.

What are alternative fuels?

A short list of approved fuels was created by federal legislation in 1992.

When Congress passed the Energy Policy Act (EPAct), it required certain types of users to complete their future light-duty vehicle acquisitions, in specific proportions, with AFVs. Covered fleets include those operated by government agencies at both the federal and state levels. Also covered are certain vehicle fleets in private industry—specifically those operated by alternative fuel providers and utility companies.

To meet those requirements, covered fleets must choose vehicles that can run on approved alternative fuels. Those fuels include natural gas, liquids produced from natural gas, ethanol, methanol, biodiesel, hydrogen, electricity, and liquefied petroleum gas, also commonly called propane. Also included is P-Series Fuel, a blended product designed for fleets. EPAct credits can also be earned by fleets using B20, a diesel blend containing 20% biodiesel, at a rate of one credit per 450 gallons of biodiesel used in the blend.

How does Clean Cities work?

The Program attempts to mobilize local stakeholders in government and industry.

In approximately 80 coalitions across the country (listed on pages 2-3), the Clean Cities Program draws local stakeholders from the public and private sectors. Represented are local, state, and federal agencies; public health and transportation departments; transit agencies; and other government offices; as well as auto manufacturers, car dealers, fuel suppliers, public utilities, and professional associations. Joining Clean Cities is voluntary. More than 4,700 stakeholders have accepted the invitation to sign up and experience the Program's many benefits.

can match buyers with sellers, and help create AFV markets. Clean Cities is often instrumental in cultivating an alternative fuels “community,” where people learn how to fuel and operate AFVs successfully. In the process, the uncertainty of using alternative fuels can be reduced.

A Clean Cities coalition can provide a forum for members to leverage their resources, develop joint projects, collaborate on public policy issues, and promote AFVs in their communities. The Program

The Program emphasizes applications in “niche markets.” Opportunities for AFV users are greatest where fleets can share their use of the infrastructure. Examples include airports, campuses, military bases, government agencies, public transit agencies, and freight and package delivery companies. Clean Cities devotes much of its attention to promoting opportunities available in these niche markets. But it welcomes and supports individual AFV users and owners as well.



What sort of assistance does Clean Cities offer? **The Program maintains and produces a vast array of information resources.**

Clean Cities provides a toll-free hotline, conferences and workshops, an extensive Web site, a searchable online database of alternative fuel documents, a quarterly alternative fuels magazine, and many other publications. You'll find information about specific vehicles; fuels and their local availability; regulations and compliance; grants and other project funding; and taxes, laws, and incentives for the purchase and use of AFVs. Our Web site, at www.ccities.doe.gov, includes guidelines for starting a Clean Cities coalition, plus news, contact information, success stories, and much more.

For Clean Cities coalitions encountering obstacles in their moves toward alternative fuels, DOE provides technical assistance in the form of "Tiger Teams." These multidiscipline teams may be able to offer help with problems related to AFV implementation strategies and infrastructure development, particularly in matters related to station design and siting; interaction with alternative fuel providers; safety, fueling station performance; and user and operator training.

What has Clean Cities accomplished? **The greatest successes of the Program have been in cultivating cooperation.**

In its first decade, the Clean Cities Program has been an integral part of many success stories. It has been a catalyst to spur significant gains in the nation's AFV population and the number of fueling sites. It has helped establish AFV programs at hundreds of airports, transit agencies, military bases, universities, and businesses. It has successfully cultivated alternative fuel use by school buses, police cars, postal vehicles, delivery vans, taxis, rental cars, and utility trucks.

The greatest accomplishments of Clean Cities, however, are not numerical. The Program has achieved its most important objective—to bring diverse parties together, foster cooperation, and create broad public awareness. It enters its second decade with the same basic goal—to build a sustainable alternative fuel market, and thereby enhance energy security and air quality.

Local Clean Cities Coordinators

AR-Central Arkansas

Tommy Foltz
501-537-2273

AZ-Valley of the Sun (Phoenix)

Mark Riley
480-785-2962, x5771
www.cleanairaz.org

AZ-Tucson

Colleen Crowninshield
520-792-1093
www.pagnet.org/CleanCities/

CA-Coachella Valley

Bert Kronmiller
760-343-3456, x138

CA-East Bay (Oakland)

Chris Ferrara
925-674-6533

CA-Lancaster

Bret Banks
661-723-8070

CA-Long Beach

Janice Bradley
562-570-2069

CA-Los Angeles

Karen Higgins
213-978-0854
www.cityofla.org/EAD/EADWeb-AQD/LACleanCity.htm

CA-Northwest

Riverside County
Ruthanne Taylor Berger
909-787-7985

CA-Sacramento

Jill Egbert
530-757-5235
www.cleancitiessacramento.org/

CA-San Diego

Greg Newhouse
619-388-7673
www.sdrafvc.org/Random/05.html

CA-San Francisco

Rick Ruvolo
415-355-3762

CA-San Joaquin Valley

Linda Urata
661-835-8665
www.valleyleancities.org/

CA-Silicon Valley (San Jose)

Mary Tucker
408-277-4111

CA-Southern California Assn. of Governments

JoAnn Armenta
909-396-5757

CO-Colorado Springs

Tim Oliver
719-590-1060
www.clnair.org/

CO-Denver

Tim Cunningham
303-388-4327
www.alacolo.org/cleancities.cfm

CO-Northern Colorado

Robin Newbrey Riesberg
970-689-4845
www.fcgov.com/airquality/clean-cities.php

CT-Capitol Clean Cities

Peter Casarella
860-437-4119

CT-Southwestern Area (Norwalk)

Ed Boman
203-256-3010

CT-New Haven

Lee Grannis
203-627-3715
Brian McGrath
203-946-8067

CT-Norwich

Peter Polubiatko
860-887-6964

DC-Washington

George L. Nichols
202-962-3355

DE-State of Delaware

Suzanne Sebastian
302-739-5644

FL-Gold Coast

Carlos Andres Gonzalez
954-985-4416
www.sfrpc.com/fgcccc.htm

FL-Space Coast

Bill Young
321-638-1443
www.fsec.ucf.edu/env/fscities/spccst.htm

GA-Atlanta

William Cook
404-363-7031

GA-Middle Georgia

Charise Stephens
478-747-2933
www.mga-cleancities.com

HI-Honolulu

Robert Primiano
808-527-6704
www.hawaii.gov/dbedt/ert/cc/

IL-Chicago

Bethany Wezeman
312-744-8096
www.chicagocleancities.org/

IN-Central Indiana Clean Cities Alliance

Kellie Walsh
317-834-3754
www.cicca.org/

IN-South Shore

Deb McClelland Parker
219-844-7699
www.southshorecleancities.org/

KS/MO-Kansas City

Benjamin Watson
816-531-7624
www.kc-cleancities.org/

KS-Manhattan

Diane Stoddard
785-587-2404
www.ci.manhattan.ks.us/CleanCities.asp

KY-KY Clean Fuels Coalition

Melissa Howell
502-452-9152
www.kentuckycleanfuels.org/

LA-Baton Rouge

Tammy Morgan
225-389-8560

MA-Boston

David Rand
617-727-4732, x138

MD-Baltimore

Michael Li
410-260-7655

ME-Maine Clean Communities

Steven Linnell
207-774-9891
www.gpcog.org/trnsprtn/cln_cts/cln_cts.htm

MI-Ann Arbor

David Konkle
734-996-3150
www.cot.emich.edu/cleanair/

MI-Detroit

Paula Anderson
734-362-3476

MI-Lansing

Bill Wolfe
517-230-9299
www.michigancleancities.org/

MN-Twin Cities

Tim Gerlach
651-223-9577
www.cleanairchoice.org/outdoor/cleancities.asp

MO-St. Louis

Kevin Herdler
314-822-5830
www.stcleancities.org/

NC-Triangle Coalition (Raleigh, Durham, Chapel Hill)

Anne Tazewell
919-558-9400
www.trianglecleancities.org/

Putting Alternative Fuel Vehicles on the Nation's Streets and Highways



ND-Red River Valley (Grand Forks/Winnipeg, MB, Canada)
Dan Daly
701-777-2822

NE-Omaha
Deo C. Reloj
402-391-0602

NH-Granite State
Rebecca Ohler
603-271-6749
www.granitestatecleancities.org/

NJ-North Jersey
Ellen Bourbon
609-984-3058

NM-Land of Enchantment (Albuquerque)
Mike Minturn
505-821-3829

NV-Las Vegas
Dan Hyde
702-229-6971
www.lasvegascleancities.org/

NV-Reno (Truckee Meadows)
Andy Goodrich
775-784-7213

NY-Capital District
Deborah Stacey
518-458-2161

NY-Central New York
Joseph Barry
315-498-2548

NY-Genesee Region (Rochester)
Paul Heaney
585-624-8182
www.cleancities-geneseeeregion.com/

NY-Long Island
Eileen Gerard
631-969-3700
www.lift.org/committees.cfm

NY-New York City
Lou Calcagno
212-487-6820

NY-Western New York
Linda Hardie
716-634-1038
www.cleancommunitiesofwny.org/

OH-Central Ohio
Sam Spofforth
614-292-5435
www.cmhhealth.org/cleanfuels/

OH-Cleveland
Stephanie Strong
216-281-6468, x224
www.earthdaycoalition.org/programs_cleanfuels.php

OH-Cincinnati
Sue Leitner
513-946-7772

OK-Central Oklahoma
Yvonne Anderson
405-234-2264
www.okcleancities.com/

OK-Tulsa
Lori Russell
918-584-7526
www.tulsacleancities.com/

OR-Columbia-Willamette
Larry Medearis
503-460-4080
Stan Sumich
503-518-3083
www.cwcleancities.org/

OR-Rogue Valley
Steve Vincent
541-858-4773

PA-Philadelphia
Eric Cheung
215-567-4004, x237
www.cleanair.org/cleancities/

PA-Pittsburgh
Chuck DiPietro
412-391-5590, x310
Ira Bradford
412-262-2437
www.cleancities-pittsburgh.org/

RI-Ocean State
Steve Woerner
401-831-2197

SC-Palmetto State
Wendy Bell
803-327-9041
www.palmettocleanfuels.org

TX-Alamo Area
John Quebe
210-362-5278
www.aacog.dst.tx.us/naturalresources/

TX-Austin
Stacy Neef
512-974-3550
www.ci.austin.tx.us/cleancities/

TX-Dallas/Fort Worth
Mindy Mize
817-608-2346
www.cleancities.dfwinfo.com/

TX-Houston
Beth Whitehead
713-993-4582
www.houston-cleancities.org/

TX-Paso del Norte
Carlton Bennett
915-203-0175

TX-South Texas
Jim Needham
361-825-2708

UT-Salt Lake City
Beverly Miller
801-535-7736
www.cleancities.state.ut.us/

VA-Hampton Roads
Nic van Vuuren
757-873-6239
www.hrccc.org/

VT-State of Vermont
Erin Russell-Story
802-241-3556
www.vermont.org/

WA-Puget Sound
Linda Graham
206-684-0935
www.pugetsoundcleancities.org/

WI-Southeast Area
Nicole Anderson
414-221-2812
www.wicleancities.org/

WV-State of West Virginia
Jeff Herhold, Jr.
304-558-0350

WY-Yellowstone/Grand Tetons
Sharon Roh
208-529-1431

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

For the most current list of Clean Cities coordinators, visit the Web site at www.ccities.doe.gov/contact.shtml, or contact the Clean Cities Hotline (1-800-CCITIES) at ccities@nrel.gov.

What is Clean Cites International?

Clean Cities International (www.ccities.doe.gov/international/) seeks to expand the successful U.S. program to other interested countries. All nations can benefit from cleaning their air, producing their fuels domestically, and enhancing local economic activity. Clean Cities International works with governments, organizations, and individuals to establish foundations for viable alternative fuel markets and realize the benefits of AFVs. Bangladesh, Brazil, Central America and the Caribbean, Chile, India, Mexico, Peru, and the Philippines participate in the international program. The International Clean Transportation Corridor, which was created to accelerate the use of clean and economical alternatives in heavy- and medium-duty vehicles along North America's main trade corridor, falls under the auspices of Clean Cities International.

Where can I find more information?

Call the Clean Cities Hotline at 1-800-CCITIES with questions about alternative fuels, AFVs, and the Clean Cities Program. You can also find answers and information on a host of topics at the Clean Cities Web site at www.ccities.doe.gov. Some of its features are:

- The Coordinators' Toolbox has information and resources to help Clean Cities coalition coordinators, www.ccities.doe.gov/toolbox/.
- *Clean Cities News* is a free quarterly publication with news and features about Clean Cities, AFVs, and alternative fuels, afdcweb.nrel.gov/documents/altfuelnews/.
- The Fleet Buyer's Guide at www.fleets.doe.gov features a step-by-step process to help fleet managers and individuals make informed AFV purchase decisions.
- The Alternative Fuels Data Center at www.afdc.doe.gov/ has a searchable database with more than 3,000 relevant documents and publications.
- Tiger Teams at www.ccities.doe.gov/tiger.html can help you with technical issues regarding alternative fuels and vehicles.
- Information on the upcoming Clean Cities Conference is on the Web at www.ccities.doe.gov/conference.shtml.

Clean Cities Regional Contacts

All DOE regional offices (listed below) are ready to help with alternative fuels market development questions. Assistance is also available from local Clean Cities coordinators (see pages 2-3). The list is regularly updated at www.ccities.doe.gov/contact.shtml.

Atlanta

(AL, AR, FL, GA, KY, MS, NC, SC, TN, PR, VI)
75 Spring St., SW
Suite 200
Atlanta, GA 30303-3308
David Dunagan
404-562-0561

Boston

(CT, MA, ME, NH, NY, RI, VT)
JFK Federal Building
Room 675
Boston, MA 02203-0002
Mike Scarpino
617-565-9716
Stephen Costa
617-565-1811

Chicago

(IA, IL, IN, MI, MN, MO, OH, WI)
One South Wacker Dr.
Suite 2380
Chicago, IL 60606
Stephanie Sung
312-886-8584

Denver

(CO, KS, MT, ND, NE, SD, UT, WY)
1617 Cole Blvd., 1521
Golden, CO 80401
Ernie Oakes
303-275-4817

Denver/Dallas Duty Station

(LA, NM, OK, TX)
7937 Cross Plains Dr.
Plano, TX 75025
Dan Deaton
972-491-7276

DOE Headquarters

Clean Cities Program, EE-2K
1000 Independence Ave., SW
Washington, DC 20585-0121
Director: Shelley Launey
202-586-1573
Deputy Director: Marcy Rood
202-586-8161

Philadelphia

(DC, DE, MD, NJ, PA, VA, WV)
100 Penn Square East
Suite 890
Philadelphia, PA 19107
Patricia Passarella
215-656-6966

Seattle

(AK, AS, AZ, CA, GU, HI, ID, NV, OR, WA)
800 Fifth Ave.
Suite 3950
Seattle, WA 98104
Roxanne Dempsey
206-553-2155
Kim Penfold
206-553-2166

For more information, contact the Clean Cities Hotline at

Phone: 800-CCITIES
Web site: www.ccities.doe.gov
E-mail: ccities@nrel.gov

or write to:

U.S. Department of Energy, EE-34
Clean Cities Program
1000 Independence Avenue, SW
Washington, DC 20585-0121

Sponsored by the U.S. Department of Energy
Energy Efficiency and Renewable Energy
Office of Weatherization and Intergovernmental Programs

A Strong Energy Portfolio for a Strong America

Energy efficiency and clean, renewable energy will mean a stronger economy, a cleaner environment, and greater energy independence for America. Working with a wide array of state, community, industry, and university partners, the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy invests in a diverse portfolio of energy technologies.

Prepared by the National Renewable Energy Laboratory (NREL)
NREL is a U.S. Department of Energy National Laboratory
Operated by Midwest Research Institute • Battelle

DOE/GO-102004-1867
January 2004

Neither the United States government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States government or any agency thereof.

Printed with a renewable-source ink on paper containing at least 50% wastepaper, including 20% postconsumer waste