

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 (DOE), Clean Cities contributes to the environmental, economic, and energy security of the United States by reducing our dependence on imported petroleum. Established in 1993 in response to the Energy Policy Act (EPA) of 1992, the partnership has provided tools and resources for voluntary, community-based programs that deploy alternative fuels across the country. To build on Clean Cities' success with alternative fuels and expand its impact, its focus was broadened in 2004 to incorporate a wider range of

transportation technologies that can help reduce petroleum consumption.

In more than 80 coalitions (see pages 2-3), government agencies and private companies come together voluntarily under the umbrella of Clean Cities. The partnership helps all parties identify mutual interests and meet their own objectives—to improve air quality, develop regional economic opportunities, and reduce our dependence on imported oil.

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

The portfolio provides a range of options and flexibility to meet petroleum displacement goals. These options include using truck stop electrification or onboard auxiliary power to reduce fuel use by idling trucks, hybrid electric vehicles, the expanded use of nonpetroleum fuels with conventional fuels, and higher efficiency vehicles

and driving practices, along with the cornerstone of the portfolio, alternative fuels. As defined by EPA, alternative fuels supported by Clean Cities are natural gas, ethanol, methanol, biodiesel, hydrogen, electricity, liquefied petroleum gas (propane), and P-Series fuel.

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 4,800 stakeholders have accepted the invitation to contribute to the partnership's mission.

Clean Cities has often been instrumental in cultivating an alternative fuels "community," where people learn about a wide range of options and technologies. In addition, it helps create markets for alternative fuel vehicles (AFV), 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 emphasizes niche market applications. Chances of success are greatest where fleets can use multiple petroleum reduction strategies or share infrastructure. Examples include airports, taxi and shuttle services, campuses, military bases, government agencies, public transit agencies, school districts, and freight and package delivery companies. Clean Cities promotes opportunities in these markets, but welcomes all parties and organizations with common goals.



What sort of assistance does Clean Cities offer? **Clean Cities provides technical and financial assistance and information resources.**

Clean Cities provides an extensive Web site, a searchable online documents database, a newsletter, a toll-free phone number, conferences and workshops, and many other tools and publications. Our Web site, at www.eere.energy.gov/cleancities/, includes information about: light-duty and heavy-duty vehicles, fuels and their local availability, idle reduction, hybrids, fuel blends, and fuel economy; grants and other project funding; and taxes, laws, and current incentives at the state and federal level. Plus, you'll find guidelines for

starting a Clean Cities coalition, news, contact information, success stories, and much more.

For coalitions that encounter technical problems, DOE provides technical assistance (www.eere.energy.gov/cleancities/technical_assistance.html) that may be able to help with issues related to station design and siting, interaction with alternative fuel providers, implementation strategies, safety, fueling station performance, and user and operator training.

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

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

Although the quantitative impacts of Clean Cities have been significant (almost 400,000 AFVs have been added historically, for example), it has achieved another major objective—to bring diverse parties together, foster cooperation, and create broad public awareness. As it enters its second decade, Clean Cities still has the same basic goal—to reduce our nation's dependence on imported petroleum and effect energy security, economic, and environmental benefits.

Local Clean Cities Coordinators

AR-Central Arkansas

Tommy Foltz
501-537-2273

AZ-Valley of the Sun (Phoenix)

Bill Sheaffer
480-785-2962
www.cleanairaz.org

AZ-Tucson

Colleen Crowninshield
520-792-1093, x426
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

Leslie Horikawa-Thiede
562-570-5405

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/

CA-San Francisco

Rick Ruvolo
415-355-3762

CA-San Joaquin Valley

Linda Urata
661-835-8665
www.valleycleancities.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

Teri Ulrich
719-475-0155
www.clnair.org/

CO-Denver

Manisha Blair
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
302-739-1530

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
478-751-9178
www.mga-cleancities.com

HI-Honolulu

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

IL-Chicago

Bethany Kraseman
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
www.gbrccc.org

MA-Boston

David Rand
617-727-4732, x40138

MD-Baltimore

Michael Li
410-260-7655
www.energy.state.md.us/programs/transportation/baltimore.htm

ME-Maine Clean Communities

Steven Linnell
207-774-9891
www.gpcog.org/mcc.php

MI-Ann Arbor

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

MI-Detroit

Paula Anderson
734-362-3476

MI-Lansing

Jan Patrick
517-241-6153
www.michigancleancities.org/

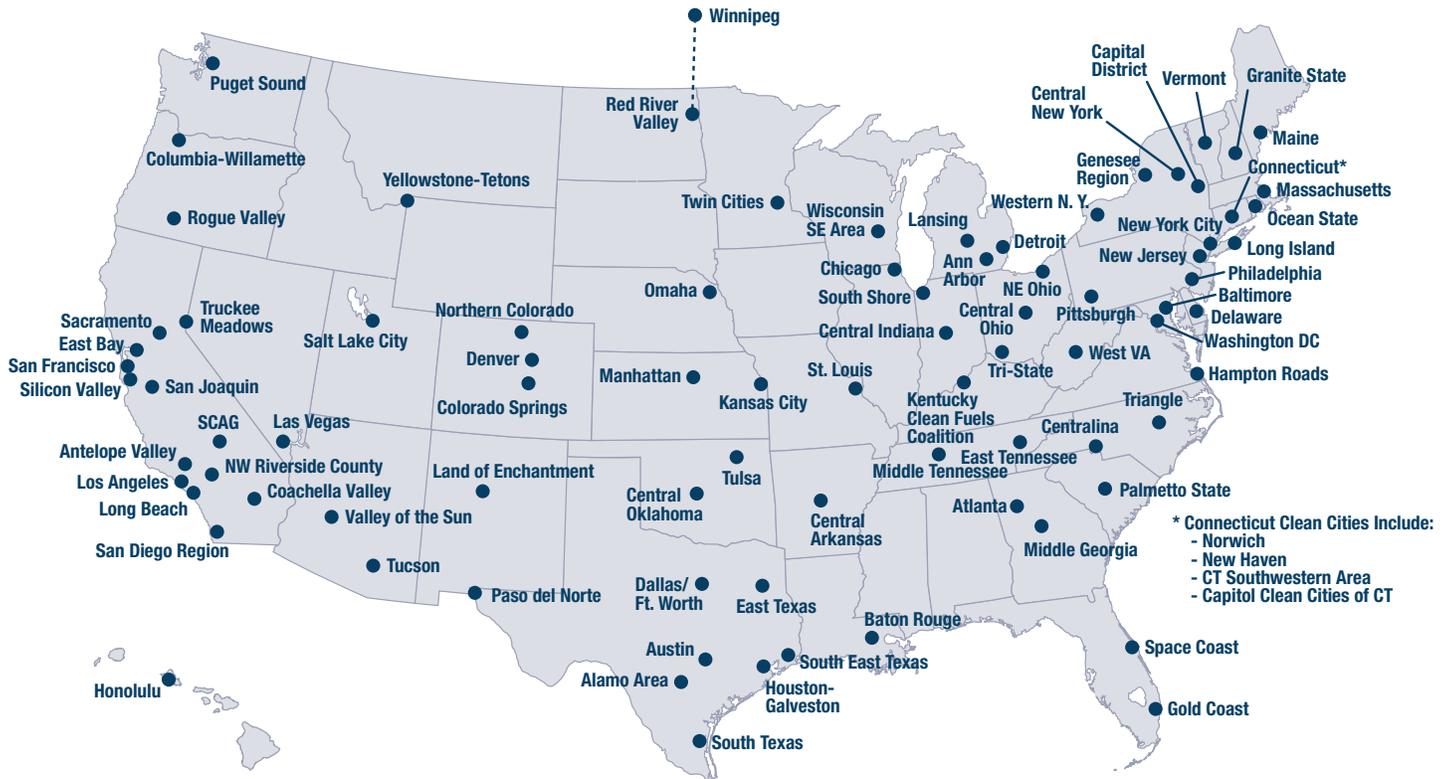
MN-Twin Cities

Tim Gerlach
651-223-9577
www.alamn.org/outdoor/cleancities.htm

MO-St. Louis

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

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



NC-Centralina Council of Governments

Jason Wager
704-348-2700
www.4cleanfuels.com/

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

Tobin Freid
919-558-2700
www.trianglencleanities.org/

ND-Red River Valley (Grand Forks/Winnipeg, MB, Canada)

Dan Daly
701-777-2822

NE-Omaha

Deo C. Relej
402-391-0602

NH-Granite State

Rebecca Ohler
603-271-6749
www.granitestatecleanities.org/

NJ-New 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.lasvegascleanities.org/

NV-Reno (Truckee Meadows)

Duane Sikorski
775-784-7206

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

Andria Adler
631-969-3700 x45
www.lift.org/committees_detail.cfm?id=3

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.cocfc.org

OH-Cleveland

Scott Sanders
614-292-5435 x228
www.earthdaycoalition.org/

OH-Tri-State

Vacant
www.cleancitiescincinnati.org

OK-Central Oklahoma

Yvonne Anderson
405-234-2264
www.okcleancities.com/

OK-Tulsa

Lori Russell
918-584-7526
www.tulsacleanities.com/

OR-Columbia-Willamette

Rick Wallace
503-378-3265
www.cwcleanities.org/

OR-Rogue Valley

Steve Vincent
541-858-4773

PA-Philadelphia

Nathalie Shapiro
215-413-2122
www.cleanair.org/cleancities/

PA-Pittsburgh

Rick Price
412-386-6196
www.cleancities-pittsburgh.org/

RI-Ocean State

Steve Woerner
401-831-2197

SC-Palmetto State

Wendy Bell
803-327-9041
www.palmettocleanfuels.org

TN-East Tennessee

Jonathan G. Overly
865-974-3625
www.etcfc.org

TN-Middle Tennessee

Dave Pelton
615-482-4849

TX-Alamo Area

Peter Bella
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-East Texas

Rick McKnight
903-984-8641

TX-Houston

Jason Salinas
713-993-4559
www.houston-cleanities.org/

TX-Paso del Norte

Carlton Bennett
915-203-0175

TX-South Texas

Mr. Chul Kim McGuire
361-826-4064

TX-South East Texas

Bob Dickinson
409-899-8444

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

Harold Garabedian
802-241-3849

WA-Puget Sound

Linda Graham
206-684-0935
www.pugetsoundcleanities.org/

WI-Southeast Area

Frances Vogel
414-221-4958
www.wicleancities.org/

WV-State of West Virginia

Jeff Herholdt, Jr.
304-558-0350

WY-Yellowstone/Grand Tetons

Sandy Shuptrine
307-733-6371

* 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.eere.energy.gov/cleancities/contacts.html, or contact Clean Cities at 800-224-8437 or email ccities@nrel.gov.

What is Clean Cities International?

Clean Cities International (www.eere.energy.gov/cleancities/international/) seeks to expand the successful U.S. partnership to other countries. International markets help sustain the domestic alternative fuels industry, and 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 the foundations for viable alternative fuels markets to ensure the successful acceptance of AFVs. Bangladesh, Chile, India, Mexico, Peru, and the Philippines participate. Clean Cities International 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 the Clean Cities Web site at www.eere.energy.gov/cleancities/. Some of its features are:

- *Clean Cities News* (formerly *Alternative Fuel News*) is an online newsletter with news and features about Clean Cities, AFVs, alternative fuels, and other Clean Cities technologies: www.eere.energy.gov/cleancities/ccn/.
- The Fleet Buyer's Guide at www.eere.energy.gov/cleancities/vbg/ includes a step-by-step process to help fleet managers and individuals make informed AFV purchase decisions. This site also features the Incentives and Laws database, which contains current information from every state.
- The Alternative Fuels Data Center at www.eere.energy.gov/afdc has detailed information on alternative fuels and vehicles and a searchable database with more than 3,000 relevant documents and publications.

For more information contact us at:

Phone: 800-224-8437
Web site: www.eere.energy.gov/cleancities/
E-mail: ccities@nrel.gov

or write to:

U.S. Department of Energy, EE-2K
Clean Cities
1000 Independence Avenue, SW
Washington, DC 20585-0121

Clean Cities Headquarters and Regional Contacts

All DOE regional offices 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.eere.energy.gov/cleancities/contacts.html.

DOE Headquarters

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

Southeast

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

Northeast

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

Midwest

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

Central

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

Mid-Atlantic

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

Western

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

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-102005-2044
January 2005

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