

**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 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 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 (e.g., low-level blends of ethanol and biodiesel) 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 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/](http://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](http://www.eere.energy.gov/cleancities/technical_assistance.html)) that may be able to help with issues such as 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?** **By stimulating the use of advanced transportation technologies and fuels, Clean Cities is contributing to the national goal of energy independence.**

Clean Cities has been integral to many success stories. It has spurred 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.

Through local and national events, special emphasis has been focused on educating fleet managers and corporate executives about Clean Cities technologies. Clean Cities has created many funding opportunities through a variety of financial support programs, such as the State Energy Program Special Projects, making available millions of dollars, and leveraging millions more, in such categories as infrastructure, AFV incremental cost buy-downs, coalition support, heavy-duty idle reduction, and AFV school buses.

**Local Clean Cities Coordinators**

**AR-Central Arkansas**

Tommy Foltz  
501-537-2273

**AZ-Valley of the Sun (Phoenix)**

Bill Sheaffer  
480-314-2457  
[www.cleanairaz.org](http://www.cleanairaz.org)

**AZ-Tucson**

Colleen Crowninshield  
520-792-1093, x426  
[www.pagnet.org/CleanCities/](http://www.pagnet.org/CleanCities/)

**CA-Coachella Valley**

Scott Fischler  
760-318-1982

**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**

Heloise Froelich  
213-978-0854  
[www.cityofla.org/EAD/EADWeb-AQD/LACleanCity.htm](http://www.cityofla.org/EAD/EADWeb-AQD/LACleanCity.htm)

**CA-Northwest**

(Riverside County)  
Barbara Spoonhour  
951-955-8313

**CA-Sacramento**

Jill Egbert  
530-757-5235  
[www.cleancitiessacramento.org/](http://www.cleancitiessacramento.org/)

**CA-San Diego**

Greg Newhouse  
619-388-7673  
[www.sdravvc.org/](http://www.sdravvc.org/)

**CA-San Francisco**

Rick Ruvolo  
415-753-1136  
[www.sfenvironment.com/aboutus/air/ccc.htm](http://www.sfenvironment.com/aboutus/air/ccc.htm)

**CA-San Joaquin Valley**

Linda Urata  
661-835-8665  
[www.valleyleancities.org/](http://www.valleyleancities.org/)

**CA-Silicon Valley (San Jose)**

Mary Tucker  
408-277-4111  
[www.svcleancities.org/](http://www.svcleancities.org/)

**CA-Southern California Assn. of Governments**

JoAnn Armenta  
909-396-5757

**CO-Colorado Springs**

Teri Ulrich  
719-475-0155

**CO-Denver**

Stacey Simms  
303-847-0271  
[www.alacolo.org/cleancities.cfm](http://www.alacolo.org/cleancities.cfm)

**CO-Northern Colorado**

Robin Newbrey Riesberg  
970-689-4845  
[www.fcgov.com/airquality/clean-cities.php](http://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/fgccc.htm](http://www.sfrpc.com/fgccc.htm)

**FL-Space Coast**

Bill Young  
321-638-1443  
[www.fsec.ucf.edu/env/fscities/spccst.htm](http://www.fsec.ucf.edu/env/fscities/spccst.htm)

**GA-Atlanta**

Wendy Morgan  
678-244-4152  
[www.cte.tv/cca/cleancitiesatl/html](http://www.cte.tv/cca/cleancitiesatl/html)

**GA-Middle Georgia**

Charise Stephens  
478-751-9178  
[www.mga-cleancities.com](http://www.mga-cleancities.com)

**HI-Honolulu**

Robert Primiano  
808-484-7500  
[www.hawaii.gov/dbedt/ert/cc/](http://www.hawaii.gov/dbedt/ert/cc/)

**IA-Statewide**

Tammy Foster  
515-281-6558

**IL-Chicago**

Bethany Kraseman  
312-744-8096  
[www.chicagocleancities.org/](http://www.chicagocleancities.org/)

**IN-Central Indiana Clean Cities Alliance**

Kellie Walsh  
317-834-3754  
[www.cicca.org/](http://www.cicca.org/)

**IN-South Shore**

Carl Lisek  
630-207-1760  
[www.southshorecleancities.org/](http://www.southshorecleancities.org/)

**KS/MO-Kansas City**

Benjamin Watson  
816-531-7624  
[www.kc-cleancities.org/](http://www.kc-cleancities.org/)

**KS-Manhattan**

Diane Stoddard  
785-587-2404  
[www.ci.manhattan.ks.us/CleanCities.asp](http://www.ci.manhattan.ks.us/CleanCities.asp)

**KY-KY Clean Fuels Coalition**

Melissa Howell  
502-452-9152  
[www.kentuckycleanfuels.org/](http://www.kentuckycleanfuels.org/)

**LA-Baton Rouge**

Tammy Morgan  
225-389-8560  
[www.gbrccc.or](http://www.gbrccc.or)

**MA-Boston**

David Rand  
617-727-4732, x40138  
[www.mass.gov/doer/cleancit/cleancit.htm](http://www.mass.gov/doer/cleancit/cleancit.htm)

**MD-Baltimore**

Lauren Robbins  
410-260-7542  
[www.energy.state.md.us/programs/transportation/baltimore.htm](http://www.energy.state.md.us/programs/transportation/baltimore.htm)

**ME-Maine Clean Communities**

Steven Linnell  
207-774-9891  
[www.gpcog.org/mcc.php](http://www.gpcog.org/mcc.php)

**MI-Ann Arbor**

David Konkle  
734-996-3150  
[www.aacleancities.org](http://www.aacleancities.org)

**MI-Detroit**

Rachel Kuntzsch  
517-285-0460

**MI-Greater Lansing**

Rachanee Kitchel  
517-230-9299  
[www.michigancleancities.org/](http://www.michigancleancities.org/)

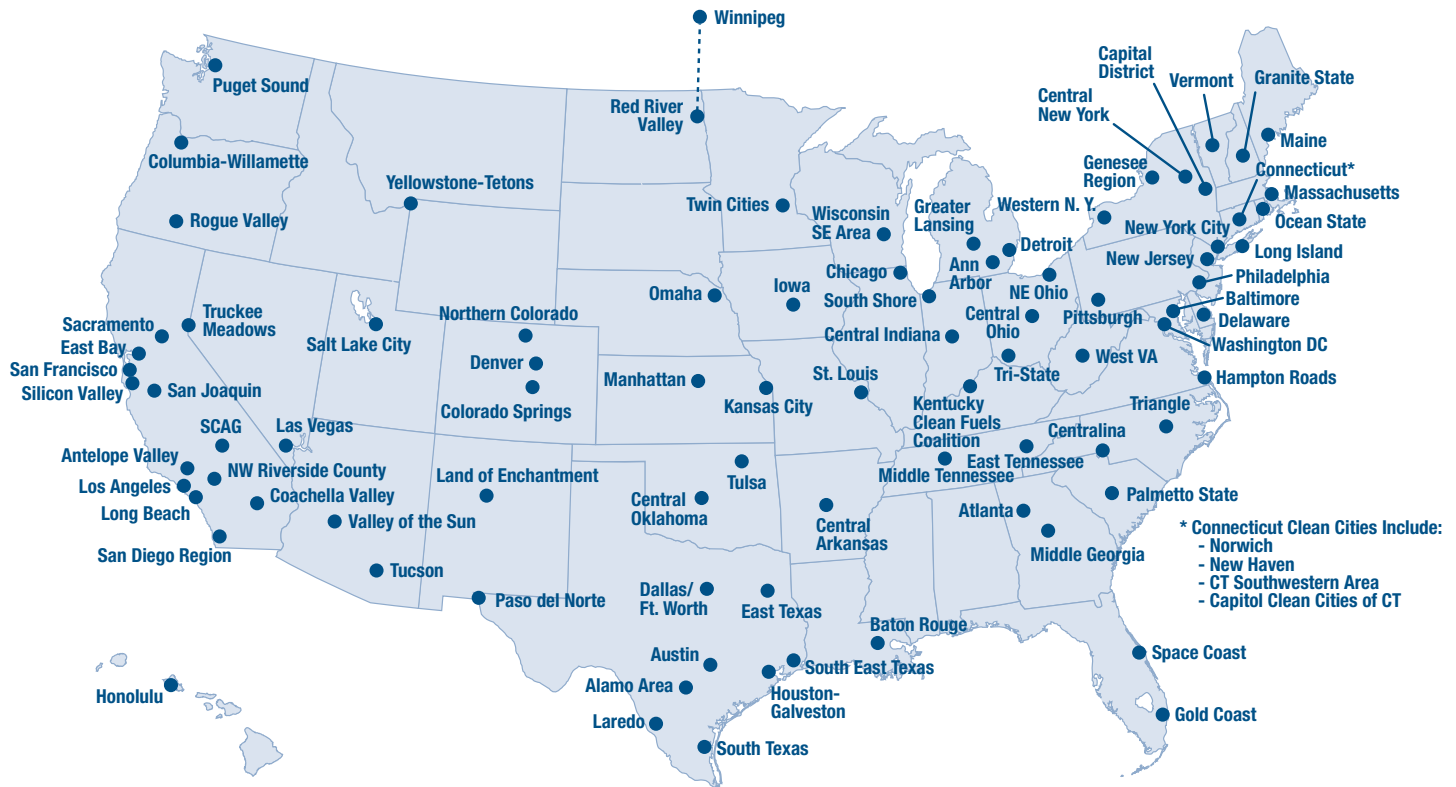
**MN-Twin Cities**

Tim Gerlach  
651-223-9577  
[www.cleanairchoice.org/outdoor/cleancities](http://www.cleanairchoice.org/outdoor/cleancities)

**MO-St. Louis**

Kevin Herdler  
314-822-5830  
[www.stlcleancities.org/](http://www.stlcleancities.org/)

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



## NC-Centralina Council of Governments

Jason Wager  
704-348-2707  
[www.4cleanfuels.com/](http://www.4cleanfuels.com/)

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

Tobin Freid  
919-558-9400  
[www.trianglencleanities.org/](http://www.trianglencleanities.org/)

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

Dan Daly  
701-777-2822  
[www.undeerc.org/programareas/renewableenergy/cleanities/default.asp](http://www.undeerc.org/programareas/renewableenergy/cleanities/default.asp)

## NE-Omaha

Deo C. Relej  
402-391-0602

## NH-Granite State

Rebecca Ohler  
603-271-6749  
[www.granitestatecleanities.org/](http://www.granitestatecleanities.org/)

## NJ-New Jersey

Ellen Bourbon  
609-984-3058

## NM-Land of Enchantment (Albuquerque)

Frank Burcham  
505-856-8585

## NV-Las Vegas

Dan Hyde  
702-229-6971  
[www.lasvegascleanities.org/](http://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.cleanities-genesee.com/](http://www.cleanities-genesee.com/)

## NY-Long Island

Andria Adler  
631-969-3700 x45  
[www.gliccc.org/](http://www.gliccc.org/)

## NY-New York City

Lou Calcagno  
212-487-6820

## NY-Western New York

Linda Hardie  
716-634-1038  
[www.cleancommunitiesofwny.org/](http://www.cleancommunitiesofwny.org/)

## OH-Central Ohio

Sam Spofforth  
614-292-5435  
[www.cocfc.org](http://www.cocfc.org)

## OH-Northeast Ohio

Scott Sanders  
216-281-6468 x228  
[www.earthdaycoalition.org/](http://www.earthdaycoalition.org/)

## OH-Tri-State

Kim Lahman  
513-946-7772  
[www.cleancitiesincincinnati.org](http://www.cleancitiesincincinnati.org)

## OK-Central Oklahoma

Yvonne Anderson  
405-234-2264  
[www.okcleancities.com/](http://www.okcleancities.com/)

## OK-Tulsa

Rachel Kelly  
918-584-7526  
[www.tulsacleanities.com/](http://www.tulsacleanities.com/)

## OR-Columbia-Willamette

Rick Wallace  
503-378-3265  
[www.cwcleanities.org/](http://www.cwcleanities.org/)

## OR-Rogue Valley

Steve Vincent  
541-858-4773

## PA-Philadelphia

Nathalie Shapiro  
215-413-2122  
[www.phillycleanities.org/](http://www.phillycleanities.org/)

## PA-Pittsburgh

Rick Price  
412-386-6196  
[www.cleancities-pittsburgh.org/](http://www.cleancities-pittsburgh.org/)

## RI-Ocean State

Laura Belson  
401-461-1766 x220

## SC-Palmetto State

Wendy Bell  
803-327-9041  
[www.state.sc.us/energy/Transportation/clean\\_cities.htm](http://www.state.sc.us/energy/Transportation/clean_cities.htm)

## TN-East Tennessee

Jonathan G. Overly  
865-974-3625  
[eerc.ra.utk.edu/etcfc/index.html](http://eerc.ra.utk.edu/etcfc/index.html)

## TN-Middle Tennessee

Dave Pelton  
615-482-4849

## TX-Alamo Area

Isabel Chacon  
210-362-5228  
[www.aacog.dst.tx.us/naturalresources/](http://www.aacog.dst.tx.us/naturalresources/)

## TX-Austin

Stacy Neef  
512-482-5343  
[www.ci.austin.tx.us/cleanities/](http://www.ci.austin.tx.us/cleanities/)

## TX-Dallas/Fort Worth

Mindy Mize  
817-608-2346  
[www.cleancities.nctcog.org/](http://www.cleancities.nctcog.org/)

## TX-East Texas

Rick McKnight  
903-984-8641  
[www.netac.org/cities.htm](http://www.netac.org/cities.htm)

## TX-Houston

Jason Salinas  
713-993-4559  
[www.houston-cleanities.org/](http://www.houston-cleanities.org/)

## TX-Laredo

Miguel Conchas  
956-722-9895

## TX-Paso del Norte

Carlton Bennett  
915-203-0175

## TX-South Texas

Mr. Chul Kim McGuire  
361-826-4064  
[www.setccities.org/](http://www.setccities.org/)

## TX-South East Texas

Bob Dickinson  
409-899-8444

## UT-Salt Lake City

Beverly Miller  
801-535-7736  
[www.cleancities.utah.gov/](http://www.cleancities.utah.gov/)

## VA-Hampton Roads

Nic van Vuuren  
757-873-6239  
[www.hrccc.org/](http://www.hrccc.org/)

## VT-State of Vermont

Kelly Launder  
802-828-4039

## WA-Puget Sound

Vacant  
206-684-0935  
[www.pugetsoundcleanities.org/](http://www.pugetsoundcleanities.org/)

## WI-Southeast Area

Francis Vogel  
414-221-4958

## WV-State of West Virginia

Deb Conrad  
304-558-0350 x764

## WY-Yellowstone/Grand Tetons

Sandy Shuptrine  
307-733-6371

For the most current list of Clean Cities coordinators, visit the Web site at [www.eere.energy.gov/cleanities/coordinators.html](http://www.eere.energy.gov/cleanities/coordinators.html), or email [ccities@nrel.gov](mailto:ccities@nrel.gov).

## What is Clean Cities International?

Clean Cities International ([www.eere.energy.gov/cleancities/international/](http://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/](http://www.eere.energy.gov/cleancities/). Some of its features are:

- *Clean Cities Now* (formerly *Clean Cities 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/](http://www.eere.energy.gov/cleancities/ccn/).
- The Fleet Buyer's Guide at [www.eere.energy.gov/cleancities/vbg/](http://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 at the state and national levels.
- The Alternative Fuels Data Center at [www.eere.energy.gov/afdc/](http://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:

Web site: [www.eere.energy.gov/cleancities/](http://www.eere.energy.gov/cleancities/)  
E-mail: [ccities@nrel.gov](mailto:ccities@nrel.gov)

or write to:

U.S. Department of Energy  
Clean Cities, EE-2K  
1000 Independence Ave., 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](http://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  
Chicago Trade Building  
Suite 1710A  
141 W. Jackson Blvd.  
Chicago, IL 60604

### 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

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Prepared by the National Renewable Energy Laboratory (NREL)  
NREL is a U.S. Department of Energy National Laboratory  
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DOE/GO-102005-2190  
September 2005

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