

What Is Clean Cities?

Sponsored by the U.S. Department of Energy's (DOE) Vehicle Technologies Program (VTP), Clean Cities is a government-industry partnership designed to reduce petroleum consumption in the transportation sector. Clean Cities contributes to the energy, environmental, and economic security of the United States by supporting local decisions to reduce 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-centered 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 portfolio provides a range of options and flexibility to meet the petroleum reduction goals.

Clean Cities deploys technologies and practices developed by VTP. 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.



Trish Cozart, NREL/PIX17037

Clean Cities aims to reduce petroleum consumption in the transportation sector by promoting alternative fuels and advanced vehicle solutions.

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 6,500 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 reduction 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 fuel 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 reduction. Clean Cities also provides coalitions with access to information and incentives from DOE, other federal agencies, and industry partners that can help fund significant, high-impact projects.

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Clean Cities Coordinators

AL-Alabama

Mark Bentley
205-402-2755
www.alabamacleanfuels.org

AR-Arkansas

Karen McSpadden
479-575-5488

AZ-Valley of the Sun (Phoenix)

Bill Sheaffer
480-314-0360
www.cleanairaz.org

AZ-Tucson

Colleen Crowninshield
520-792-1093, x426
www.pagnet.org/Programs/
EnvironmentalPlanning/Clean-
Fuels/tabid/180/Default.aspx

CA-Antelope Valley (Lancaster)

Curtis Martin
661-265-6000

CA-Central Coast (San Luis Obispo)

Melissa Guise
805-781-4667
www.c-5.org

CA-Coachella Valley Region

Richard Cromwell III
760-329-6462
www.c3vr.org

CA-East Bay (Oakland)

Richard Battersby
530-752-9666
www.cleancitieseastbay.org/

CA-Long Beach

Richard Steinhaus
562-570-5407
www.longbeach.gov/pw/
longbeachcleancities/
default.asp

CA-Los Angeles

Heloise Froelich
213-978-0854
www.environmentla.org/
Clean%20Cities/
cleancitieshome.htm

CA-Sacramento

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

CA-San Diego Region

Greg Newhouse
619-388-7524
www.sdcleanfuels.org

CA-San Francisco

Vandana Bali
415-355-3728
www.sfenvironment.org/sfcc

CA-San Joaquin Valley

(Bakersfield)
Linda Urata
661-835-8665

CA-Silicon Valley (San Jose)

Margo Sidener
408-998-5865
www.svcleancities.org

CA-Southern California Assn. of Governments (Diamond Bar)

JoAnn Armenta
909-396-5757
www.the-partnership.org/
cities.htm

CA-Western Riverside County

Barbara Spoonhour
951-955-8313
www.wrcog.cog.ca.us

CO-Denver

Natalia Swalnick
303-847-0271
www.lungcolorado.org/
CleanCities.htm

CO-Northern Colorado

Robin Newbrey Riesberg
970-689-4845
http://northcolocleancities.com

CO-Southern Colorado

Alicia Archibald
719-494-6592
http://southern.
cleancitiescolorado.org

CT-Capital Clean Cities (Manchester)

Craig Peters
800-255-2631
www.ct-ccc.org

CT-Southwestern Area (Fairfield)

Ed Boman
203-256-3010

CT-New Haven

Lee Grannis
203-627-3715
www.nhcleancities.org

CT-Norwich

Peter Polubiatko
860-887-6964
www.norwichcleancities.org

DC-Washington

George L. Nichols
202-962-3355

DE-State of Delaware

Suzanne Sebastian
302-735-3480

FL-Gold Coast (Miami/Fort Lauderdale/West Palm Beach)

Larry Allen
954-985-4416
www.sfrpc.com/fgccc.htm

FL-Space Coast (Orlando)

Bill Young
321-638-1443
www.clean-cities.org

GA-Atlanta

Don Francis
404-906-0656
www.cleancitiesatlanta.net

GA-Middle Georgia

Charise Stephens
478-803-2506
www.mga-cleancities.com

HI-Honolulu

Robert Primiano
808-768-3500
www.hawaii.gov/dbedt/ert/cc

IA-State of Iowa

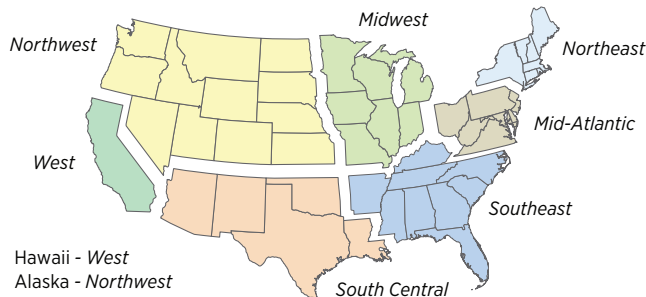
Brian Crowe
515-725-2066
www.iowacleancities.org

ID-Treasure Valley (Boise)

Beth Baird
208-384-3984
www.tvcleancities.org

Contacts

Clean Cities staff members are available to assist you.



DOE Headquarters

Dennis A. Smith

Technology Deployment Manager
and Clean Cities Director
dennis.a.smith@ee.doe.gov
202-586-1791

Linda Bluestein

Clean Cities Co-Director
linda.bluestein@ee.doe.gov
202-586-6116

DOE Regional Managers

Mike Scarpino

Northeast Region
michael.scarpino@netl.doe.gov
412-386-4726

Erin Russell-Story

Mid-Atlantic Region
erin.russell-story@netl.doe.gov
412-386-7334

Steven Richardson

Southeast Region
steven.richardson@netl.doe.gov
304-285-4185

Neil Kirschner

South Central Region
neil.kirschner@netl.doe.gov
412-386-5793

Mike Bednarz

West Region
michael.bednarz@netl.doe.gov
412-386-4862

Kay Kelly

Northwest Region
kay.kelly@go.doe.gov
720-356-1604

Brad Beauchamp

Midwest Region
brad.beauchamp@netl.doe.gov
412-386-7322

IL-Chicago

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

IN-Greater Indiana

Kellie Walsh
317-985-4380
www.greaterindianacc.org

IN-South Shore (Gary)

Carl Lisek
219-365-4289
www.southshorecleancities.org

KS/MO-Kansas City

Kelly Gilbert
816-561-1625
www.kcenergy.org/
transportation.html

KY-Commonwealth Clean Cities Partnership (State of KY)

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

LA-Baton Rouge

Lauren Stuart
225-578-9253
www.gbrccc.org

LA-SE Louisiana Clean Fuel

Rebecca Otte
504-483-8513
www.cleanfuelpartnership.org

MA-Massachusetts

Stephen Russell
617-626-7325
www.mass.gov/doer

MD-Maryland

Chris Rice
410-260-7207
http://energy.maryland.gov/
incentives/transportation/
cleancities/index.asp

ME-Maine Clean Communities

Steven Linnell
207-774-9891
www.gpcog.org/Transportation_
and_Land_Use/Maine_Clean_
Communities.php

MI-Ann Arbor

Sean Reed
888-818-0987
www.aacleancities.org

MI-Detroit

Pamela Hurtt
313-833-0100, x270
www.nextenergy.org/services/
collaborativeprograms/wg_
cleancities.aspx

MI-Greater Lansing

Maggie Striz Calnin
517-925-8649, Ext. 3
www.michigancleancities.org

MN-Twin Cities

Lisa Thurstin
651-223-9568
www.cleanairchoice.org/
cities/tc.cfm

MO-St. Louis

Kevin Herdler
314-397-5308
www.stlcleancities.org

NC-Triangle Coalition of Governments (Charlotte)

Jason Wager
704-348-2707
www.4cleanfuels.com

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

Kathy Boyer
919-558-9400
www.trianglecleancities.org

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

Valerie Kummer
800-252-6325
www.cleanairchoice.org/cities/
rrv.cfm

NH-Granite State (State of NH)

Dolores Rebollo
603-271-7624
www.granitestatecleancities.
nh.gov

NJ-New Jersey

Ray Willer
908-380-1109
www.njcleancities.org

NM-Land of Enchantment (Albuquerque)

Frank Burcham
505-856-8585

Geographical Coverage of Clean Cities Coalitions



For the most current list of Clean Cities coordinators, visit www.afdc.energy.gov/cleancities/progs/coordinators.php.

NV-Las Vegas

Dan Hyde
702-229-6971
www.lasvegascleancities.org

NV-Eastern Sierra Regional

James Brandmueller
775-721-3223

NY-Capital District (Albany)

Deborah Stacey
518-458-2161
www.cdtcmpo.org/cdcc/cdcc.htm

NY-Central New York (Syracuse)

Barry Carr
315-498-2548
www.cc-cny.com

NY-Genesee Region (Rochester)

David Keefe
585-301-2433
www.grcc.us

NY-Long Island

Rita D. Ebert
631-969-3700 x25
www.gliccc.org

NY-New York City and Lower Hudson Valley

Christina T. Ficicchia
212-839-7728
www.nyclhvcc.org

NY-Western New York (Buffalo)

Bill Pauly
716-435-5261
www.cleancommunitiesofwny.org

OH-Clean Fuels Ohio (Columbus)

Sam Spofforth
614-884-7336
www.cleantuelsohio.org

OH-Northeast Ohio (Cleveland)

John McGovern
216-281-6468 x223
www.earthdaycoalition.org/cleantransport

OK-Central Oklahoma

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

OK-Tulsa

Nancy Graham
918-584-7526
www.tulsacleancities.com

OR-Columbia-Willamette (Salem)

Matt Hale
503-373-7560
www.cwcleancities.org

OR-Rogue Valley (Medford)

Sue Kupillas
541-245-0770
www.roguevalleycleancities.org

PA-Philadelphia

Tony Bandiero
215-990-8200
www.phillycleancities.org

PA-Pittsburgh

Ryan Walsh
412-916-2115
www.pgh-cleancities.org/wordpress

RI-Ocean State (Rhode Island)

Wendy Lucht
401-874-2792
www.uri.edu/cels/ceoc/ec/osccc.html

SC-Palmetto State (South Carolina)

Erika H. Myers
803-737-7951
www.palmettocleanfuels.org

TN-East Tennessee (Knoxville)

Jonathan G. Overly
865-974-3625
<http://eerc.ra.utk.edu/etcfc/index.html>

TN-Middle Tennessee (Nashville)

Atha Comiskey
615-884-4908
www.tennesseecleanfuels.org

TX-Alamo Area (San Antonio)

Christopher Ashcraft
210-362-5228
www.aacog.com/cleancities/default.asp

TX-Central Texas (Austin)

Stacy Neef
512-482-5343
www.ci.austin.tx.us/cleancities

TX-Dallas/Fort Worth

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

TX-East Texas (Kilgore)

Rick McKnight
903-984-8641
www.netac.org/283/Clean-Cities.htm

TX-Houston-Galveston

Kelli Angelone
713-993-2473
www.houston-cleancities.org

TX-Southeast Texas (Beaumont)

Bob Dickinson
409-899-8444 x251
www.setcities.org

UT-Northern Utah

Carrie Giles
801-535-7736
www.utahcleancities.org

UT-Southern Utah

Robin Erickson
801-381-7691
www.utahcleancities.org

VA-Hampton Roads (Virginia)

Chelsea Jenkins
757-233-8982
www.hrccc.org

VT-State of Vermont

Karen Glitman
802-656-8868
www.uvm.edu/~transctr/?Page=cleancty/default.php

WA-Puget Sound (Seattle)

Stephanie Meyn
206-689-4055
www.pugetsoundcleancities.org

WI-Southeast Area (Milwaukee)

Francis X. Vogel
414-221-4958
www.wicleancities.org

WV-State of West Virginia

Kelly Bragg
800-982-3386, x2004
www.energywv.org/community/cleanstate.html

WY-Yellowstone-Teton (Wyoming, Montana, Idaho)

Phillip Cameron
307-413-1971
www.yellowstonetetoncleanenergy.org

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 online. 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 reduced petroleum consumption by 2.4 billion gallons.

Clean Cities is integral to many success stories. It has spurred significant gains in the nation's AFV population and associated fueling infrastructure. Clean Cities tracks the activities and accomplishments of its coalitions, translating them into petroleum reduction. Clean Cities stakeholders annually submit data regarding alternative fuel-blend sales, AFV and hybrid electric vehicle deployment, idle reduction initiatives, and fuel economy measures. Clean Cities then analyzes the data to identify equivalent petroleum fuel reduction impacts. 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.

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

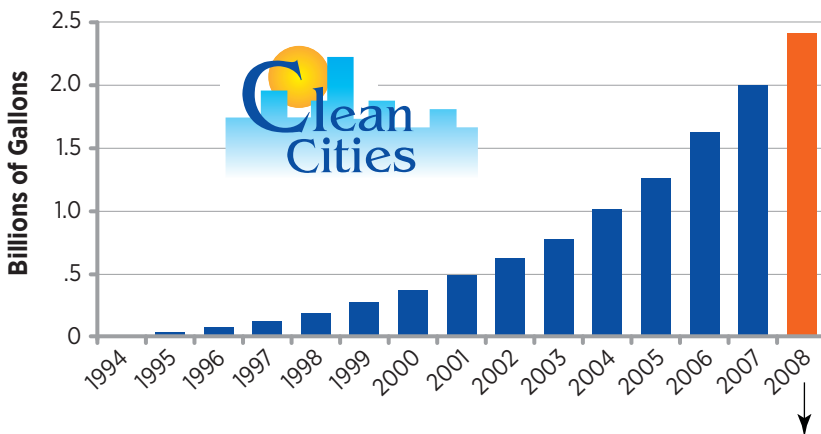
millions more in categories such as fuel infrastructure, AFV incremental cost buy downs, and idle reduction education.

Where can I find more information?

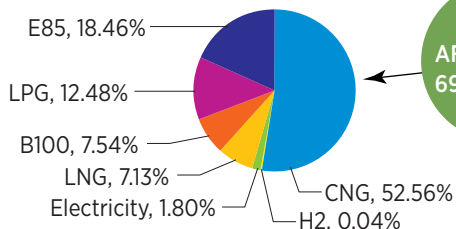
Visit the following DOE Web sites to find programmatic information and technical data.

- **Clean Cities:** This site features program background and accomplishments, program news, and a toolbox (www.eere.energy.gov/cleancities).
- **Alternative Fuels and Advanced Vehicles Data Center (AFDC):** This comprehensive site provides detailed information on Clean Cities' five portfolio areas and has searchable databases of more than 3,000 documents and incentives and laws (www.afdc.energy.gov). Also available on the AFDC:
- **Vehicle Make/Model Search**—Look up specs on alternative fuel and advanced technology vehicles, trucks, and buses (www.afdc.energy.gov/afdc/vehicles).
- **Alternative Fueling Station Locator**—Find fueling sites offering alternative fuels across the country (www.afdc.energy.gov/stations).
- **FuelEconomy.gov:** This site compares gas mileage, emissions, air pollution ratings, and safety data for new and used vehicles.
- **EERE Information Center:** This service provides assistance on energy efficiency and renewable energy topics. Inquiries requiring more technical expertise are forwarded to Clean Cities specialists (877-337-3463).

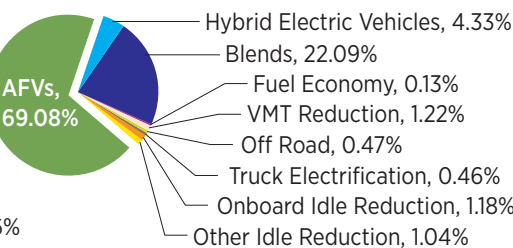
Cumulative Petroleum Fuel Equivalents Reduced



Breakdown of AFV Petroleum Reduction by Vehicle Type



2008 Petroleum Reduction by Technology Type*



* Latest information available as of September 2009