

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 (EPAct) 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 EPAct, 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.

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.

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

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/, 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 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.

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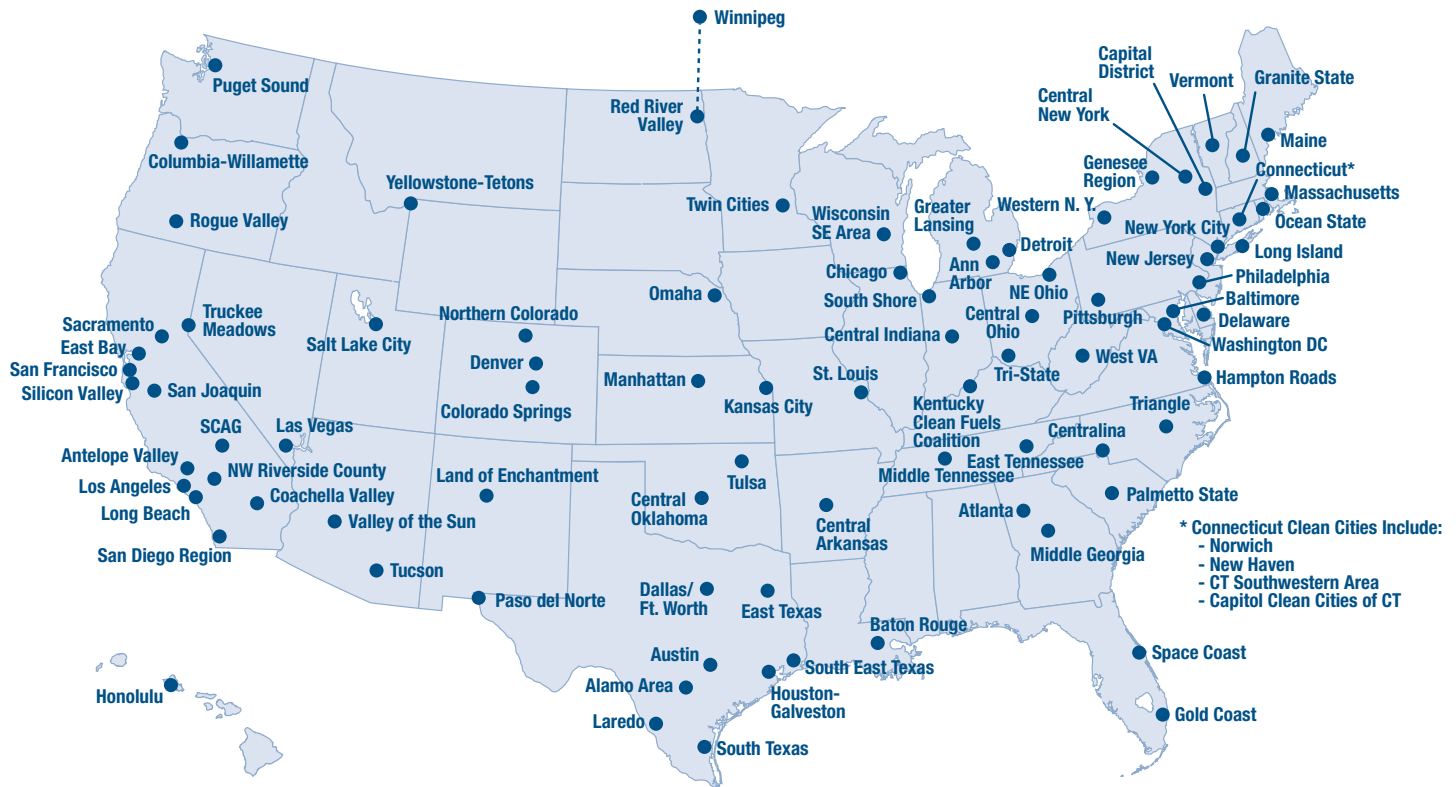
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Putting Alternative Fuel Vehicles on the Nation's Streets and Highways



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For the most current list of Clean Cities coordinators, visit the Web site at www.eere.energy.gov/cleancities/coordinators.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 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/.
- 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 at the state and national levels.
- 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
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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.

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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.

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