

**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's (DOE) FreedomCAR and Vehicle Technologies Program (FCVT), 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 provides tools and resources for voluntary, community-based 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 improving air quality, developing regional economic opportunities, and reducing the use of 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. Clean Cities deploys technologies and practices developed by FCVT. 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, are ethanol, biodiesel, hydrogen, electricity, liquefied petroleum gas (propane), and natural gas.

**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. Some 4,400 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 displacement and clean air technologies.

The partnership addresses the challenge of moving the United States away from the infrastructure and practices that contribute to the nation's dependence on imported petroleum and toward energy independence and security. Clean Cities brings the national goals outlined in DOE's Advanced Energy Initiative to the communities that can realize the end results.



## What kind of assistance does Clean Cities offer? **Clean Cities provides coordinated strategies, technical resources, and grants.**

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 displacement. At the regional level, Clean Cities provides coalitions with access to information and grants from DOE, other federal agencies, and industry partners that can fund significant, high-impact projects.

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, publications, and industry resources—all available via the Internet. Clean Cities publishes a newsletter and numerous technical and outreach publications. Finally, Clean Cities offers an information hotline and technical assistance to coordinators as they work to develop infrastructure and market strategies.

## What has Clean Cities accomplished? **By stimulating the use of advanced transportation technologies and fuels, Clean Cities contributes to the national goal of energy independence.**

Clean Cities is integral to many success stories. It has spurred significant gains in the nation's AFV population and associated fueling infrastructure. In 2004, Clean Cities passed the milestone of displacing the equivalent of more than 1 billion gallons of gasoline. Clean Cities tracks the activities and accomplishments of its coalitions, translating this to petroleum displacement. 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 corporate

executives about Clean Cities technologies. For example, in October 2005, coalitions across the country hosted simultaneous events celebrating the displacement of the equivalent of more than 1 billion gallons of petroleum. Media broadcast the events throughout the nation. The events showcased local projects involving idle reduction, alternative fuels, and hybrids. In addition, 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 categories such as infrastructure, AFV incremental cost buy-downs, coalition support, heavy-duty idle reduction, and AFV school buses.

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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/contacts.html](http://www.eere.energy.gov/cleancities/contacts.html).

## 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 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 are current participants. 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 include:

- Clean Cities Now, an online newsletter with articles about Clean Cities activities and technology advancement in AFVs, alternative fuels, idle reduction, fuel blends, and fuel economy ([www.eere.energy.gov/cleancities/ccn](http://www.eere.energy.gov/cleancities/ccn)).
- The Fleet Buyer's Guide, which includes tools and a step-by-step process to help fleet managers and individuals make informed decisions ([www.eere.energy.gov/cleancities/vbg](http://www.eere.energy.gov/cleancities/vbg)).
- The Alternative Fuels Data Center (AFDC), which provides detailed information on alternative fuels and vehicles and has a searchable database with more than 3,000 relevant documents. The AFDC also features the Incentives and Laws database, a source of current legislative information at the state and national levels ([www.eere.energy.gov/afdc](http://www.eere.energy.gov/afdc)).
- The EERE Information Center provides email and telephone assistance on topics relating to energy efficiency and renewable energy. Queries requiring more technical information are forwarded to and answered by Clean Cities information specialists ([www.eere.energy.gov/cleancities/informationcenter.html](http://www.eere.energy.gov/cleancities/informationcenter.html)) 1-877-EERE-INF (1-877-337-3463).

## 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. The list is regularly updated at [www.eere.energy.gov/cleancities/contacts.html](http://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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