

**Clean Cities and
Communities**

Advancing Affordable, Efficient, and **Clean** **Transportation**

Clean Cities and Communities is a U.S. Department of Energy (DOE) partnership to advance clean transportation nationwide. More than 75 DOE-designated Clean Cities and Communities coalitions work locally in urban, suburban, and rural communities to strengthen the nation's environment, energy security, and economic prosperity. As partners with DOE's Vehicle Technologies Office (VTO), coalitions work to deploy affordable, efficient, and clean transportation; energy efficient mobility systems; and fuel-saving technologies and practices.

Contact your local Clean Cities and Communities coalition to:



Shift to affordable, efficient,
and clean transportation
fuels and technologies



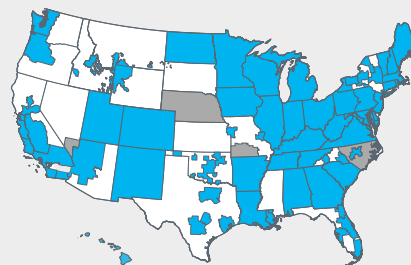
Improve equitable
access to advanced
transportation



Reduce greenhouse
gas emissions



Evaluate new
mobility options



■ Fully Designated
Coalitions
■ Apprentice Coalitions



Explore our locations: cleancities.energy.gov/coalitions/locations

Coalitions combine national-level expertise with a unique understanding of local needs, opportunities, and markets to develop and implement clean transportation solutions that work for the communities they serve. VTO's Technology Integration Program and DOE's national laboratories offer technical assistance, information resources, online training, and an array of data and analysis tools. Coalitions leverage these resources and connections to provide technical assistance, engage in hands-on problem solving, and co-create community-driven solutions.

Thriving on a culture of collaborative change, coalitions harness more than 30 years of expertise to continue

moving our transportation systems into the future. DOE designated the first coalition in 1993 in response to the Energy Policy Act of 1992, and the network has evolved and expanded ever since. The network has built bipartisan support, made deep connections within the transportation industry, and created active partnerships with 20,000 public and private stakeholders. Coalitions hold the respect and trust of both fleets and industry through their ability to provide objective data and real-world lessons learned, smoothing the transition to clean transportation.

Transforming Transportation Since 1993

Coalitions create a compounding impact nationwide that advances U.S. energy resilience and reduces vehicle emissions while supporting regional economic development and job growth. Since Clean Cities and Communities began, coalition activities have:

- Saved the equivalent of 14 billion gallons of gasoline
- Reduced greenhouse gas emissions by 72 million tons
- Placed more than 1.6 million alternative fuel vehicles on the road
- Grew from six coalitions to more than 75 today, covering 90% of the U.S. population
- Convened 20,000 public and private stakeholders to participate in local coalitions.

Coalition Expertise

Coalition staff provide the technical expertise local decision makers and fleets need to bring clean transportation solutions to their communities. This expertise includes how to:

- **Evaluate clean transportation options** that meet on-the-ground needs and can reduce costs, energy consumption, and traffic congestion
- **Develop strategies to reduce emissions** of greenhouse gases and other pollutants
- **Build collaborative relationships** with communities, fleets, and industry partners to solve problems and identify and address technology barriers
- **Shift to efficient and clean transportation energy sources** by using biodiesel, electricity, ethanol, hydrogen, natural gas, propane, and renewable diesel
- **Improve fuel efficiency** through state-of-the-art technologies and strategies.

Nationwide, coalitions are transforming local and regional transportation markets. Coalition stakeholders share experiences, information and resources, educate the public, collaborate on transportation projects, and help identify research needs. By joining a coalition, stakeholders gain access to individualized technical assistance, informational publications and tools, networking opportunities with fleets and industry partners, workshops, funding opportunities, and outreach support. Deeply engaged stakeholders also receive public recognition, highlighting their accomplishments and success.

Resources

Your coalition can connect you with a wide array of resources and advise on the appropriate tools to determine a solution that meets your needs.

Alternative Fuels Data Center (AFDC): The AFDC (afdc.energy.gov) provides information and data on electric vehicles, alternative fuels, advanced vehicles, and fuel-saving practices. The site features tools, calculators, and mapping applications.

FuelEconomy.gov: Use the official source for fuel economy information (fuelconomy.gov) to find and compare vehicles, calculate your fuel economy, and get tips to cut costs.

If you have a need or want to learn more, there is a tool or resource to help!

Find laws and incentives: The laws and incentives database† (afdc.energy.gov/laws) contains federal and state laws and incentives pertaining to alternative fuels and vehicles, air quality, fuel efficiency, and other transportation topics.

Find fueling and charging stations: The Alternative Fueling Station Locator*† (afdc.energy.gov/stations) helps you find alternative fueling stations and electric vehicle chargers throughout the United States and Canada.

Estimate the impact of new vehicles: The Alternative Fuel Life-Cycle Environmental and Economic Transportation (AFLEET) Tool (greet.es.anl.gov/afleet) allows you to estimate petroleum use, emissions, and cost of ownership of light- and heavy-duty vehicles using simple spreadsheet inputs.

See projects in action: Browse a collection of case studies (afdc.energy.gov/case) to learn how others have implemented alternative fuels and transportation technologies.

GET HELP

Let seasoned experts at the Technical Response Service (technicalresponse@icf.com; **800-254-6735**) find answers to your questions on alternative fuels, advanced vehicles, fuel economy, and idle reduction.



Contact the Technical Response Service

* There is also a mobile app for this tool!

† Data source available via an API and can be used by public and private enterprises. ■

U.S. DEPARTMENT OF
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Office of **ENERGY EFFICIENCY**
& **RENEWABLE ENERGY**

For more information, visit: cleancities.energy.gov
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