Wisconsin Propane Autogas Roundtable

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What Is Wisconsin Clean Cities?

**Clean Cities**
advances the energy, economic, and environmental security of the United States by supporting local actions to cut petroleum use in transportation.

- Reduced petroleum consumption
- Reduced greenhouse gas (GHG) emissions
- Reduced dependence on imported petroleum

**FUNDING**
Clean Cities: Tools of the Trade

The Alternative Fuels Data Center offers a large collection of helpful tools. These calculators, interactive maps, and data searches can assist fleets, fuel providers, and other transportation decision makers in their efforts to reduce petroleum use.

Calculators

- **Vehicle Cost Calculator**
  Compare cost of ownership and emissions for most vehicle models.

- **Petroleum Reduction Planning Tool**
  Create a plan for your fleet to reduce petroleum consumption and emissions.

- **CNG VICE Model 2.0**
  Evaluate ROI and payback period for natural gas vehicles and infrastructure.

Interactive Maps

- **Alternative Fueling Station Locator**
  Locate alternative fueling stations and get maps and driving directions.

- **TransAtlas**
  Analyze vehicle densities and locations of fueling stations and production facilities.

- **BioFuels Atlas**
  Compare feedstocks and analyze biofuel production by location.

Data Searches

- **Vehicle Search**
  Compare light-duty alternative fuel vehicles, electric vehicles, and hybrids.

- **Laws and Incentives Search**
  Search for laws and incentives related to alternative fuels and advanced vehicles.

- **Fuel Properties Comparison**
  Compare alternative fuel properties and characteristics.

www.afdc.energy.gov
www.wicleancities.org
Local Partnerships: Members/ Stakeholders

- Statewide organization
- Public/ Private Partnerships
- 32M+ GGE Petroleum Displaced in 2017
- 2017 Reduction in GHG Emissions 120,000 tons
- Funding Opportunities
  - Fleets
  - Product and service providers
  - Environmental and energy agencies
  - Advocacy organizations
Current Programs and Initiatives

- Midwest EVOLVE
- PENSKE
- Clean Cities
- SmartWay
- Volkswagen Settlement
- Ethanol
- Wisconsin Smart Fleet
- EPA Midwest Clean Diesel Initiative
- M2M 94 (Clean Fuels Across I-94)
Michigan to Montana Corridor Project

US DOE selected project - funded $4.9M (with matching participant cost share)
Project began June 2017 with 60 trucks and 15 alternative fueling stations committed

I-94 Project Goals:

- Create a competent and experienced team to guide the creation of an alternative fuel corridor to:
  - Deploy selected stations and vehicles to fill identified gaps
  - Provide education/ training to establish a sustainable alternative fuel and advanced vehicle market
  - Significantly grow the availability and use of alternative fuels and advanced vehicles in markets critical for long-term success of these technologies
  - Create a 15% increase in petroleum displacement within each Clean Cities Coalition geographic area
  - Develop and deploy a template that can be used around the country to help other corridors to be expanded

A competent team and well designed plan ensures the M2M Corridor will expand beyond the end of the project term.
Significance of I-94 Corridor

- Key international trade route connecting the Great Lakes and the Intermountain regions, covering 1,500 miles, with over 18 billion vehicle miles traveled annually.
- The population of people in the counties that are crossed by the I-94 Corridor is over 16.8 million.
- Over a dozen national park sites and 230 truck stops.
- 5 military bases.
- 24 major counties.
- Significant number of alternative fuel stations already exist along I-94 corridor (690 Level 2 EVSE, 87 DC Fast Chargers, 36 CNG stations, 72 propane stations).
“Signage/Corridor-Ready” Criteria for 2017 Nominations

**EV**
- DCFC only
- 50 miles between stations
- 5 miles from highway
- Public stations only (no Tesla)

**CNG**
- 150 miles between stations
- 5 miles from highway
- Public stations only
- Fast fill, 3,600 psi

**LNG**
- 200 miles between stations
- 5 miles from highway
- Public stations only

**Propane**
- 150 miles between stations
- 5 miles from highway
- Public stations only
- Primary stations only
Incentives, Funding & Opportunities

- **US EPA Clean Diesel Funding Assistance Program (DERA Funding)** $40M
  
  https://www.epa.gov

  - Proposals Due: June 12, 2018 11:59 pm ET
  - Anticipated selection July, 2018 - Anticipated award Sept.-Nov. 2018
  - Various diesel emission reduction projects

- **US Department of Energy Advanced Vehicle Technologies Research Grant** $68.5M
  
  - EERE Exchange website or Grants.gov
  - Batteries and Electrification $27M
  - Materials $6M
  - Technology Integration $20M
  - Engines/ Fuels: Off-road Applications $3.5M
  - Co-optimization of engines and fuels $12M
  - Concept papers due May 29, 2018 Full applications Due July 13, 2018
Wisconsin Energy Innovation Grant Program $5M
https://psc.wi.gov/Pages/Programs/OEI/Request%20for%20Proposals.aspx

- Proposals Due June 29, 2018 / 12:00 pm CDT
- Municipal, Tribal Governments, K-12 School Districts and Manufacturers
- Planning grants – facility/ fleet audits & comprehensive energy plans
- Implementation grants – building energy efficiency, renewable energy, alternative fuel vehicles, infrastructure and associated training and operations
- Incremental Cost of alternative fuel vehicles (conversions or new) & 50% of associated refueling infrastructure costs
- Successful applicants announced August, 2018
Wisconsin VW Beneficiary Mitigation Plan

http://doa.wi.gov/Pages/vwsettlementwisconsin.aspx

- $10M Replacement and scrapping of state vehicles (1992-2009 medium-duty and heavy-duty trucks)
- $32M Establish a program that will competitively award trust funds to eligible applicants for the replacement of public transit vehicles, giving preference to communities or routes that DOA determines are critical for connecting employees with employers
- The remaining $25.1M will be distributed among Eligible Mitigation Actions in response to public comment and further gubernatorial and/or legislative instruction. Wisconsin expects to submit a revised BMP regarding these funds at a later date.
- DOA anticipates holding public meetings at a later date and this will be announced on the website.
Path to Successful Sustainable Transportation

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