

Lake Michigan Clean Cities Consortium



Path to Successful Sustainable Transportation

DIY



www.afdc.energy.gov



Clean Cities Coalitions
Clean Cities Hall of Fame Inductees



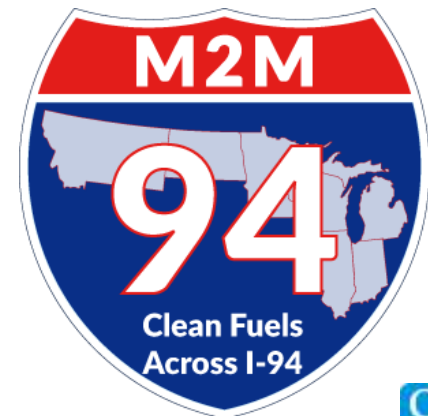
Lake Michigan Consortium Collaborations

GREEN DRIVE\$ 2018 Conference & Expo

Thursday, May 17, 2018
NIU Conference Center | Naperville, IL



HELP US BREAK DOWN THE
BARRIERS TO ALTERNATIVE FUELS



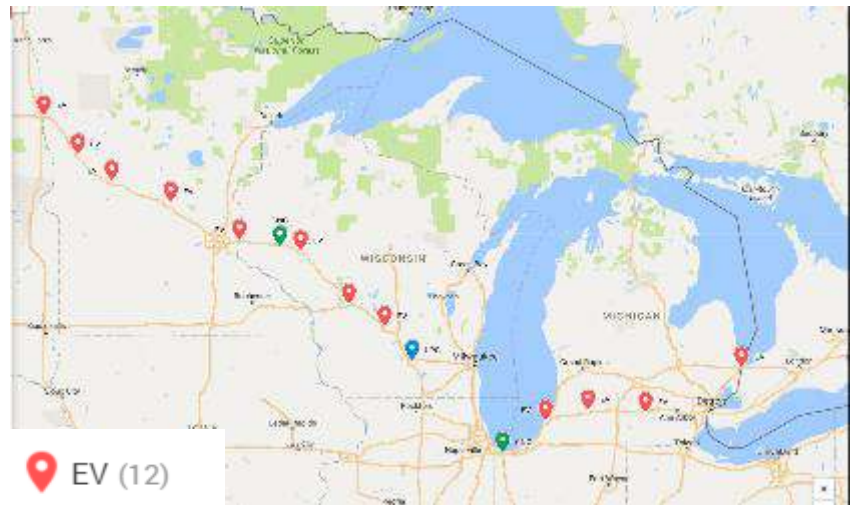
Michigan to Montana (M2M)



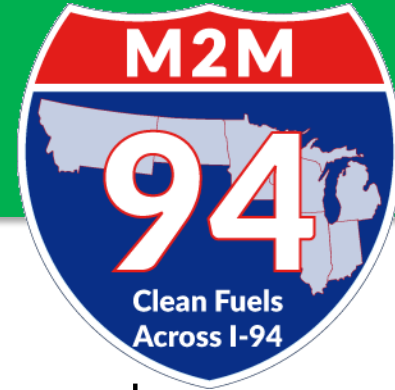
I-94 Corridor Opportunities
Michigan to Montana (M2M)

Michigan to Montana (M2M)

An experienced team guiding the
creation of an alternative fuel corridor
from Michigan to Montana



Michigan to Montana (M₂M)

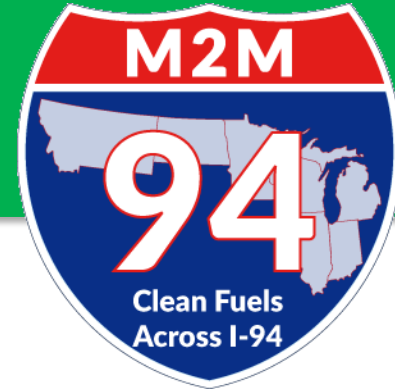


Significance of I-94 Corridor

- Key international trade route connecting the Great Lakes and the Intermountain regions, covering 1,500 miles, with over 18 billion annual vehicle miles traveled
- Significant number of alternative fuel stations already exist along I-94 corridor (i.e. 690 Level 2 EVSE, 87 DC Fast Chargers, 36 CNG stations, 72 propane stations)
- Over a dozen national park sites and 200 truck stops
- 5 military bases
- 24 major counties
- 816 unique fleets with over 22,965 vehicles
- The population of people in the counties that are crossed by the I-94 Corridor is over 16.8 million.



Michigan to Montana (M₂M)

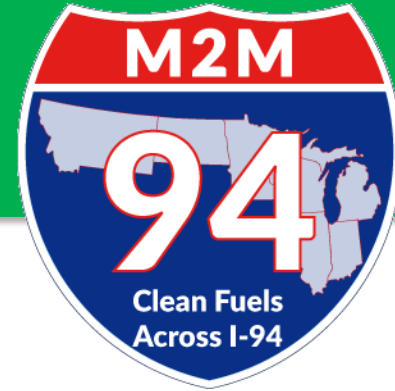


Project Goals

- Create a competent and experienced team to guide the creation of an alternative fuel corridor to:
 - ✓ Deploy selected stations and vehicles
 - ✓ 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 replicated around the country to assist in corridor expansion



Michigan to Montana (M₂M)



Project Deployment Plan

- Provides leadership through community-based partnerships with Clean Cities Coalitions, State Department of Transportation, State Energy Offices, station providers, fleets, and utilities
- Leverages and expands on existing Smart Mobility programs in this region
- Deploys fueling stations (electric vehicle (EV) DC Fast Chargers, CNG, and propane stations) and CNG long-haul trucks
- Identifies and fills gaps in alternative fuel station locations
- Provides outreach, education, and training to critical stakeholders



Midwest EVOLVE Program

Midwest Electric Vehicle Opportunities: Learning, eVents, Experiences



- Three year grant program
- Partnership with 8 Midwestern Clean Cities Coalitions in 7 states
- Provides education to consumers and public/private fleets
- Events and vehicle showcases to provide in-depth education and test drives of electric vehicles



Midwest EVOLVE Program



Partnership between:
American Lung Association of the Upper
Midwest and eight Midwestern Clean
Cities Coalitions



**Drive Clean Chicago
Drive Clean Taxi
EV Ride Share & Livery Pilot**



Drive Clean Taxi

Drive Clean Chicago
Drive Clean Truck
Class 2-8 HEV, PHEV, & BEV



Largest Private Electric Shuttle Fleet in North America



Municipal Fleet Electrification



EV Education and Outreach

Midwest **EVOLVE**



Upcoming Events - IL

CHICAGO AUTO SHOW

FEB 10-19 | **#CAS18**



DRIVING WHAT'S

NEXT

Midwest **EVOLVE**[™]



Upcoming Events - IL

**Springfield Summit
April 25, 2018**



**Illinois
Alternative
Fuels
Alliance**



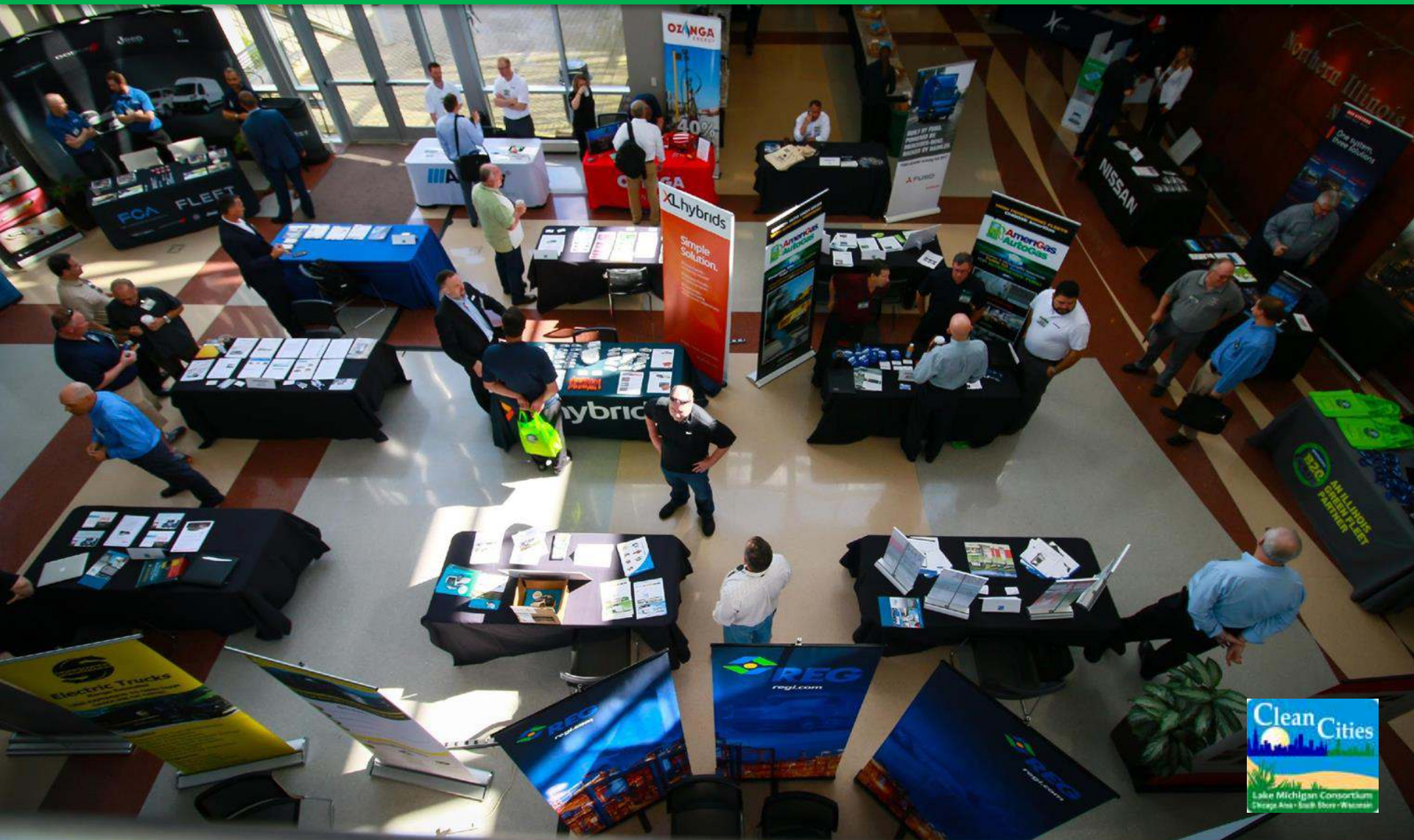
**AMERICAN
LUNG
ASSOCIATION**



Green Drives Conference & Expo



Green Drives Conference & Expo



Green Drives Conference & Expo



Green Drives Conference & Expo



NIU Conference Center | Naperville, IL



Current Local Funding - IL

Natural Gas



- Drive Clean Chicago
- Illinois Alternate Fuels Rebate Program
- Chicago Area Green Fleet Grant Program

E85



- Illinois Alternate Fuels Rebate Program
- State sales tax exemption

Biodiesel



- Illinois Alternate Fuels Rebate Program
- State sales tax exemption

Hydrogen



- Illinois Alternate Fuels Rebate Program

Propane



- Illinois Alternate Fuels Rebate Program
- Chicago Area Green Fleet Grant Program

Electric



- Drive Clean Chicago
- Illinois Electric Vehicle Infrastructure Rebate Program
- Illinois Alternate Fuels Rebate Program

Idling & Other



- Illinois Clean Diesel Grant Program
- Funding for school bus heaters and off-road engine repowers in Chicago area



VW Mitigation Trust - IL



www.epa.illinois.gov/topics/air-quality/vw-settlement/index

Public Input

Illinois EPA will be seeking input in development of the mitigation plan for Illinois. As additional information and documents are available and opportunities for public input and comment are published, this website will be updated. For further information on the VW Settlement contact:

Brad Frost

Office of Community Relations

217/782-7027

brad.frost@illinois.gov 

Clean Cities Annual Report

Complete & return to coalitions by deadline
(WICC & SSCC Feb 23, CACC Feb 14)

Info to gather for fleets:

- How many total vehicles are in your fleet (all fuel types)
- How many alt. fuel or adv. tech vehicles are in your fleet
- Annual avg. miles traveled per vehicle type (if you give us fuel use, not necessary)
- Average fuel economy of your vehicle & vehicle it replaced
- Amount of fuel used by vehicle group **(including electricity!)**
- NOT JUST ALT FUELS! Fuel economy, idling reduction, VMT, etc...

Info to gather for fuel stations:

- Types and estimated number of vehicles served
- Actual amount of fuel dispensed either total or by vehicle type

Check all tabs in workbook!

Provide notes to clarify information



Wisconsin Clean Cities



Wisconsin
BRAWT
Program



South Shore Clean Cities

2018 YEAR OF OPPORTUNITY

**February 20, 2018
Annual Meeting & Awards
Michigan City, IN**

Meet with Industry Experts

Promote your Brand

Applaud the 2018 Award Winners



Green Fleet Program

GOAL:

Outreach/Education/Training and analysis to reduce transportation related emissions and improve air quality and reduce barriers to the adoption of alternative fuels throughout Indiana!

APPROACH

Working with Public/Private Sector to develop opportunities for improvement, economic development, and cleaner/greener resources



OUTREACH/EDUCATION

- Events
- Webinars
- Green Fleet Radio Show
- Trainings



Upcoming Partner Events

January 22 - 25, 2018 - National Biodiesel Conference & Expo
Fort Worth Convention Center, Fort Worth, TX

January 23, 2018 - Webinar: Energy Independence Summit 2018 Policy | 1 p.m. - 2 p.m. CST

January 24, 2018 - Webinar: A National Conversation with Smartway Affiliates | 1 p.m. - 2 p.m. CST

February 8 ,2018 - Webinar: Renewable Diesel & Biodiesel Blends for Fleets | 1:30 p.m. - 2:30 p.m. CST

February 10 - 19, 2018 - Chicago Auto Show
McCormick Place, Chicago, IL



Upcoming Partner Events

February 11 - 14, 2018 - Energy Independence Summit

Renaissance DuPont Circle Hotel, Washington, DC

February 12 - 14, 2018 - National Ethanol Conference

JW Marriott San Antonio, San Antonio, TX

February 20, 2018 - SSCC Annual Meeting & Awards

Blue Chip Casino Hotel & Spa, Michigan City, IN

February 24 – March 4, 2018 – Milwaukee Auto Show

Wisconsin Center, Milwaukee, WI

March 6 – 9, 2018 – NTEA Work Truck Show/Green Truck Summit

Indiana Convention Center, Indianapolis, IN



Contact Info



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