



2018
MIDWEST GREEN FLEETS
FORUM & EXPO

AGENDA

Updated 8/13/18

Pre-Conference Training

MONDAY, SEPTEMBER 24

9:00 – 11:00 AM	Tours of The Ohio State University Center for Automotive Research at 930 Kinnear Road, Columbus, OH 43212
12:30 - 4:30 PM	Forum & Expo Registration Open at the Marriott Columbus University Area at 3100 Olentangy River Road, Columbus, OH 43202
12:30 PM	Welcome & Overview of Training Session
1:00 PM	The Advanced Technology Toolbox: What Transportation Professionals Need to Know Today about NGVs, Propane, Efficiency, Biofuels, Hydrogen, and Plug-in Electric <i>Over the past 10 to 15 years, vehicle technologies and fuel sources have changed significantly and the change continues to accelerate. Staying on top and ahead of change is critical for fleet leaders and technicians. A panel of industry experts will cover the essentials of what you need to know across a spectrum of advanced fuel sources such as biofuels, propane, natural gas, hydrogen as well as vehicle technologies such as electric and efficiency.</i>
2:45 PM	Break
3:00 PM	The Formula for Success: Analysis and Planning to Select the Best Options to Develop Your Fleet Plan <i>With a growing list of fuel and technology options, how do you access each one and figure out what really makes sense for your fleet's unique drive and duty cycles and budget? When you factor in sustainable operations as a priority for some companies and governments, it can be difficult to figure out what makes sense and to develop plans to accomplish their goals. Learn how to tackle these challenges and how to put a framework for analysis and planning in place for your organization.</i>
3:45 PM	Ignite Your Opportunities: Available Incentives & Best Practices for Competitive Grant & Funding Applications <i>Incentives can make a difference in implementing new vehicle technologies, but successfully tapping into these resources can be daunting, given the various requirements and criteria. In addition, there are the strings attached that can trip up an organization even after it has secured an award. During this 45-minute session, Clean Fuels Ohio's Andrew Conley, Program Director, and Megan Stein, Grants Manager, will discuss the basics of this process, what it takes to be competitive and how to manage the typical requirements after an award is made.</i>
4:30 PM	Pre-Conference Training Concludes
12:00 – 8:00 PM	Exhibitor Check-in and Set up at the Marriott Columbus University Area

Forum & Expo

TUESDAY, SEPTEMBER 25

Attendees may select from **three (3) breakout sessions** from the **Electrification** , **Advanced Mobility**  and **Advanced Fuels & Management**  tracks which will take place twice each day on September 25 and 26.

7:00 AM – 5:30 PM

Registration & Expo Hours

8:15 AM

Welcome

Opening Plenary Session

- Michael Stevens, Chief Innovation Officer, City of Columbus, Ohio
- Doug McCollough, Chief Information Officer, City of Dublin, Ohio
- Asim Z. Haque, Chairman and Chief Executive Officer, Public Utilities Commission of Ohio (PUCO)
- Mark Smith, Technology Integration Program Manager, U.S. Department of Energy

9:45 AM

Break

10:00 AM

Breakout Sessions



Electrification Track

Full Speed Ahead: Best Practices, Policies & Program Models for EV Charging

Over the past few months, we have begun to see progress in Midwestern states on utility EV programs. AEP Ohio has stepped into a leadership role and many other utilities are taking positive steps. Utility regulators increasingly view utility EV programs within a broader, long-term context of grid modernization that will benefit all customers. We're also seeing the creation of local and state-level model policies to overcome market barriers. Learn what's happening within the utility sector and among other policy actors. Find out what the emerging best practices are for utility EV programs, regulator and utility policy, and additional policy adoption at the state and local levels. Take away the critical steps that must occur to ensure that the system can take advantage of EVs as flexible load to provide benefits to the grid and all utility customers.

Panelists:

- Phil Jones, Executive Director, Alliance for Transportation Electrification, Moderator
- Joe Halso, Associate Attorney, Sierra Club
- Ryan Houk, Manager, Smart City Program Management, AEP Ohio
- Stephanie Seki, Senior Policy Analyst, Atlas Policy
- Brendan McEwen, Sustainability Manager, City of Richmond, British Columbia



Advanced Mobility Track

Driving Innovation: Benefits & Challenges of Advanced and Shared Mobility Models

Shared use and other innovations in mobility services hold tremendous promise to increase access to mobility. New technologies are poised to accelerate these trends while disrupting the automotive industry in ways not seen since the popularization of personal vehicle travel. The overall impact may save energy but it may also increase energy demands and traffic. The choices we make today will impact the future in ways we can't imagine. Learn about these exciting and disruptive mobility models and technologies and what can be done to achieve benefits and avoid pitfalls.

Panelists:

Mark Smith, Technology Integration Program Manager, U.S. Department of Energy, Moderator
Creighton Randall, Principal Consultant, Mobility Development Partners
Gustavo Ochiuzzo, Chief Executive Officer, Green Commuter
Michael Peters, Chief Executive Officer, Sway Mobility/REV Cleveland



Advanced Fuels & Management Track

Top-Line Performance...Bottom-Line Results: Fleet Best Management Practices

Fleet management practices aren't considered advanced fuels or vehicle technologies. However, adopting best management practices, sometimes with the assistance of new technologies, offers the potential to save money and even increase environmental sustainability to the same degree that fuel-switching or new technologies can. Learn how fleet leaders and outside experts constantly work to improve fleet operations through training programs, data capture and analyses, advanced procurement strategies, asset utilization, downsizing and more.

Panelists:

- Erin Gilchrist, Director of Fleet Operations, Safelite Autoglass
- Richard Battersby, Assistant Director, City of Oakland, CA Public Works (invited)
- John King, Fleet Management, Assistant Administrator, City of Columbus Division of Fleets

11:30 AM

Break, Expo & Ride & Drive

12:30 PM

Lunch

**Ohio Gubernatorial Candidates: Mike DeWine and Rich Cordray (invited)
Annual Ohio Green Fleets Awards (10th Anniversary)**

2:00 PM

Breakout Sessions



Electrification Track

Removing Roadblocks: Eliminating Barriers & Accelerating Consumer Adoption

One of largest barriers to electric vehicle (EV) market growth is a lack of consumer awareness about the existence of high-quality EVs and misconceptions about their capabilities and affordability. Organizations in the Midwest and farther away are working hard to address these awareness issues through a combination of mass market and grassroots consumer education strategies. Learn about the tactics that really move the needle on consumer adoption and the role that enthusiastic EV owners and users can play --and how many are leveraging this enthusiasm. Hear about the strategies that lead to adoption and access to electrification among consumers, regardless of their income and geography.

Panelists:

- Brendan Kelley, Director of Drive Electric Ohio, Clean Fuels Ohio, Moderator
- Sophie Shulman, Manager of Partnerships & Business Development, Electrify America, LLC
- Michael Arbuckle, Senior Manager of EV Sales & Marketing Strategy, Nissan North America
- Natalia Swalnick, Director of Electric Vehicle and Smart Mobility Programs, Electrification Coalition
- Lorrie Lisek, Executive Director, Wisconsin Clean Cities



Advanced Mobility Track
Shifting Gears: Advanced Trucking & Logistics Technologies

While advanced business models and technologies are disrupting personal mobility, the same is happening within the logistics industry. Seemingly futuristic technologies such as semi or fully autonomous vehicles, drones, advanced telematics and efficiency technologies, geo-fencing and more are progressing from the research lab to demonstration and into the market. Some of these technologies are being deployed today while others are moving to a pre-commercial stage and some are still many years away. Learn what's here or nearly here today, what's coming soon and what we may see in the long-term. Hear use cases and how they will evolve and take away what you should be doing now and what opportunities you should follow on the horizon.

Panelists:

- Adrian Burns, Director, Columbus Logistics Council, Moderator
- Mike Lammert, Senior Commercial Vehicle Technologies Engineer, National Renewable Energy Laboratory
- Stephen Burns, Founder & Chief Executive Officer, Workhorse



Advanced Fuels & Management Track
Think You Know NGVs? New Developments in Natural Gas Fleets & Industry

Developments in the NGV industry are creating greater reliability than ever before. Innovations such as renewable natural gas (RNG) and the near-zero NOx engine are creating far greater environmental impacts with the assurance of cost parity with diesel at a minimum -- with the likelihood of significant savings. For many fleets, use of NGVs falls into the realm of a true no-brainer, but the challenge is understanding how to go about it the right way. Training and inspection remain essential priorities. Hear from a stellar line up of technical and industry experts as well as fleet users about these developments and strategies and the best practices that are necessary for a successful NGV program that benefits your bottom line and sustainability efforts.

Panelists:

- Stephe Yborra, Principal and Managing Director, Yborra & Associates, LLC, Moderator
- Rob Underhill, President and Chief Executive Officer, Simple-Fill
- Andres Carlos, National Account Manager, Clean Energy
- Marc Rowe, Regional Director of Business Development, Trillium CNG
- Joe Massey, Project Manager of Capital Projects, Central Ohio Transit Authority

3:30 – 7:00 PM

Expo and Ride & Drive

5:00 – 7:00 PM

Reception
Clean Fuels Ohio Legislator of the Year Award
Keynotes: Candidates for State Auditor of Ohio

Forum & Expo

WEDNESDAY, SEPTEMBER 26

7:00 AM - 3:00 PM

Registration Open

7:00 – 8:00 AM

Breakfast

8:00 AM

Opening Remarks

- Joe Lombardi, Director, Department of Finance & Management, City of Columbus

MEMA Awards

8:30 AM

Breakout Sessions



Electrification Track

Current Trends: Steps for Successful EV Charging Deployments

Development of EV charging stations at a wide range of sites is essential for consumers and fleets to purchase EVs. Charging is needed in public locations, including urban areas, retail and travel corridors and also at multi-unit dwellings and workplaces. All types of EV charging should be sited in anticipation of market need. Charging at workplaces and multi-unit residences must follow emerging best practices. Learn how much charging we need, what type and where it's needed. Hear about the best practices that are necessary to ensure sites hosts and EV owners benefit from this new infrastructure as well as lessons learned from successful EV charging programs.

Panelists:

- John Gartner, Director (Energy), Navigant Consulting, Inc., Moderator
- Eric Wood, Vehicle Systems Engineer, National Renewable Energy Laboratory
- Sophie Shulman, Manager of Partnerships & Business Development, Electrify America, LLC
- Jeffrey Lehman, PE, Customer Energy Solutions Lead, American Electric Power (AEP)
- Rebecca Karason, Director of Energy & Sustainability, Huntington National Bank



Advanced Mobility Track

Life in the Fast Lane: Ohio's Real-World Leadership

Smart Columbus, the Route 33 Smart Corridor and ODOT's Drive Ohio initiative, and others are vaulting Ohio to a national leadership position in advanced mobility for consumers and the logistics sector. Learn what's happening now, what's planned and what it means for the economy in Ohio and the Midwest, access to mobility and advancements in the logistics industry here and beyond. Hear about the issues that policy-makers are addressing today and others that must be debated and resolved over time. In addition, make connections who will help you initiate exciting projects in your community or within your company.

Panelists:

- James Barna, Executive Director, DriveOhio, Moderator
- Brandi Braun, Deputy Chief Innovation Officer, City of Columbus, Ohio
- Michael Andrako, Director of Public Service, City of Marysville, Ohio
- Jason Stanford, Development Services Manager, Union County, Ohio Economic Development Partnership
- Megan O'Callaghan, Public Works Director, City of Dublin, Ohio



Advanced Fuels & Management Track
The Victory Lap: The Biodiesel Business Case

Biodiesel is approaching the 20-year mark for commercial-scale deployment. Blended biodiesel remains the best and most flexible option in the Midwest for a true drop in replacement for conventional petroleum diesel. It continues to offer performance, lubricity, environmental and energy security benefits. Learn how this industry has matured and become integrated into the fuel supply system. Connect with suppliers who offer a consistently high-quality blended product and find out how your fleet can implement biodiesel at cost parity with petroleum diesel while enjoying the performance and environmental benefits offered.

Panelists:

- Tom Fontana, Director of Research & Education, Ohio Soybean Council, Moderator
- Page Thorson, Chief Executive Officer, Benchmark Biodiesel
- Beth Snoke, Director of Transportation & Traffic Management, The Ohio State University
- Rebecca Richardson, Regulatory & Education Specialist, MARC-IV Consulting, Inc.
- Bill Burns, Fleet & Facilities Maintenance Manager, Solid Waste Authority of Central Ohio

10:00 AM

Break

10:15 AM

Breakout Sessions



Electrification Track
The Winner Circle: EV Deployment Cast Studies from Fleet Leaders

The same factors that have caused EVs to advance technologically and begin to gain traction with consumers also have led to rapid progress with EVs for many types of fleets. Government and private fleets alike are successfully deploying or planning to deploy EVs in large quantities. The results are powerful, both in terms of sustainability and cost savings. Hear from a variety of fleets about their plans, successes and lessons learned so far. Take away lessons learned about charging infrastructure strategy, selection of use cases to reap financial benefits, and training programs for technicians and EV users.

Panelists:

- Matt Stephens-Rich, Electric Vehicle Specialist Project Manager, Electrification Coalition, Moderator
- Robert McGuire, Vice President, Director of Logistics, Alpha Baking Company
- Kelly Reagan, Fleet Administrator, City of Columbus, Ohio
- Morgan Kauffman, Chief Executive Officer & Owner, Yellow Cab of Columbus
- Geoffrey Hobin, Capital Program Administrator, Transit Authority of River City (Louisville)



Advanced Mobility Track
Driverless Disruptors: Autonomous Vehicle Research, Development & Market Impact

Autonomous vehicles are the greatest disruption in transportation since the invention of personal vehicle transportation. Technologies will have significant, positive implications for those whose circumstances restricts their mobility, along with the logistics and freight industry and many other fleet types and consumers. It promises to significantly increase safety of our transportation system. Fully autonomous cars and trucks are still some years away but they are coming faster than anyone predicted just a few years ago. Semi-autonomous vehicles are arriving in some market segments now.

Learn about these technologies, how they work, the traditional and new market players, and what this will mean for transportation, employment, safety, sustainability, and other aspects of our lives. Find out what is being done and still must be done on the policy landscape and how you can engage and benefit from this growing field.

Panelists:

- Maryn Weimer, Senior Associate Director, The Ohio State University Center for Automotive Research, Moderator
- Peter Voderberg, Managing Director for Regulations & Policy, DriveOhio
- Tim Schock, Director of Business Development, North America, NAVYA
- Jim Barna, Executive Director, DriveOhio
- J. Sam Lott, Principal, Automated Mobility Services, LLC



Advanced Fuels & Management Track

The Autogas Advantage: Economic, Environmental & Performance Benefits

The advantages of propane autogas are increasingly apparent for many fleets from light duty up to class 7. Users of autogas vehicles appreciate the cost savings compared with gasoline and diesel, along with the safety record, ease of maintenance, environmental benefits, simple and inexpensive infrastructure, and more. In addition, propane vehicle technology continues to develop. You'll hear from multiple fleet users about their experiences and gain insight into how propane will perform in your fleet. You'll meet national industry insiders discuss advancements, along with opportunities for technician training and strategies for securing long-term supply and locking in propane's considerable price advantage.

Panelists:

- Frank Edwards, President, Ohio Propane Gas Association; General Manager, Linden's Propane, Moderator
- Michael Taylor, Director of Autogas Business Development, Propane Education & Research Council
- Andy Farquhar, Director, SCOT Sustainable Energy Solution (formerly with the Alabama Department of Corrections)
- Jason Sherman, Director of Facilities & Transportation, Delaware, Ohio City Schools
- Alan Poff, Government Affairs, Schwans (invited)

11:45 AM – 3:15 PM

Expo and Ride & Drive

1:15 – 3:15 PM

Ride & Drive Open to the Public

3:15 PM

Forum & Expo Concludes