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## Granite State Clean Cities Coalition (GSCCC) April 2018 Newsletter

Hi everyone! Our 5<sup>th</sup> biennial *Green Your Fleet!* (*GYF!*) Workshop is only 6 weeks away – June 1<sup>st</sup> @ NH Motor Speedway. This event is free of charge and open to all. If you have attended our quarterly stakeholder meetings, you won't want to miss this! [Click this link to learn more and REGISTER TODAY!](#) I hope to see you there ~ Jessica P.S. Please be advised that there won't be a June Quarterly Stakeholders Meeting ... come to *GYF!*

**== VOLKSWAGEN SETTLEMENT UPDATE ==** New Hampshire's Volkswagen Settlement Draft Beneficiary Mitigation Plan was posted on April 10<sup>th</sup>. Public Comment sessions begin next week! [Click here for the Public Comment Sessions Schedule.](#)

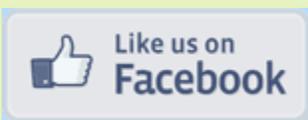
**++ FUNDING OPPORTUNITY++** Head's up, EPA Region 1 has opened the 2018 RFP for the national competitive **Diesel Emissions Reduction Program (DERA)** grants. Let me know if you're interested in applying or if you have any questions and I'll be sure to get the information into your hands!

**\*\* HELP OUR FELLOW CLEAN CITIES \*\*** Vermont Clean Cities wants our feedback on a survey about Alt Fuels in Transportation and the corresponding workforce needs. The feedback will help the Northeast Transportation Workforce Center identify key alternative fuels and competency gaps. Please complete the survey by May 1<sup>st</sup> -- [Survey Link.](#)

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Did you know: The story of GSCCC's *Green Your Fleet!*

- **Co-optimization of Fuels & Engines: FY17 Year in Review**
- **You might also be interested in ... other articles**
- **Events Calendar**



## Workshop

The Granite State Clean Cities Coalition (GSCCC) works with vehicle fleets, fuel providers, business, community leaders and other stakeholders to reduce petroleum use in transportation. In New Hampshire, the transportation sector is the largest contributor to smog forming emissions and greenhouse gases. GSCCC focuses on being both a resource and an educator to spread awareness about the use of alternative fuels and advanced vehicles in transportation. The biennial ***Green Your Fleet!*** Workshop, which got its start in 2010, is a forum for highlighting these applications and their successes in NH fleets and businesses.

The 2018 ***Green Your Fleet!*** Workshop, set for June 1<sup>st</sup> at the NH Motor Speedway, is an opportunity for you to hear more about fuels like Compressed Natural Gas and Propane, as well as options for Electric and Hybrid vehicles. Interact with the fleets, businesses and people who use these applications first hand. Sit in the seat of vehicles running on these fuels and technology ... *you might even get to test drive one on the Racetrack during the Ride & Drive portion of our event!*

Our one day event is free of charge and open to all. Check-In/Breakfast begins at 8 AM. Our Agenda runs from 9 AM – 3:30 PM. As you know, NH is receiving some VW Settlement funding and you will want to be at this event to hear more about what types of projects can be done. Interested? Register today ... so that I can include you in the head count for lunch! [Click this link to learn more and to REGISTER FOR FREE TODAY!](#)

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## Alternative Fuel Spotlight: “The Fine Print of Alternative Fuel Infrastructure”

Todd Mouw, Vice President of sales and marketing for ROUSH CleanTech, recently shared the following article:

“An electric vehicle seems so simple — plug it in, and it’ll work. But, there’s much more to EVs — and all alternative propulsion sources — when it comes to fueling infrastructure.

According to a recent report from the Smart Electric Power Alliance, many utility companies in the United States aren’t prepared. The report found that almost 75 percent of those surveyed were either in the early stages of planning for EV market growth or had yet to start developing strategies or programs. On the bright side, almost 20,000 public and private electric charging stations are available.

Compressed natural gas is another popular alternative fuel choice, and for good reason. It’s a domestically produced, low-cost energy source. The challenge is CNG infrastructure comes with a substantial cost due to the fuel’s high pressure. Although CNG station sizes vary, they can carry a price tag of well over \$1 million. This offsets the return on investment if an organization wants the benefits of CNG vehicles but has to incur the significant

infrastructure expense. There are only about 1,600 compressed natural gas fuel stations currently operating in the U.S., with half of those being public.

Propane autogas infrastructure has the best of both worlds — availability and low cost. Propane autogas fueling infrastructure costs less than any other transportation energy source — conventional or alternative. Propane suppliers will readily work with fleet managers to provide both the fuel and the stations. Many suppliers roll in the rate of the infrastructure at low to no cost with a fuel contract. Even without a contract, installing a propane station costs less than any other fueling infrastructure (including diesel and gasoline). Currently, there are about 3,500 propane autogas stations in the U.S.

As a country, we need to get strategic and focused on how all of this will piece together. Without the proper infrastructure, training and incentives, alternative fuel vehicle adoption will lag behind many countries around the world.

To learn more about ROUSH CleanTech's propane autogas fuel system technology that powers Blue Bird Vision Propane school buses and Ford commercial vehicles, please visit [www.roushcleantech.com](http://www.roushcleantech.com). "

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**Online Training Opportunity: [CNG Container Defueling, Decommissioning, and Disposal](#)**

"The CSA Group, a leading standards organization providing guidance for natural gas vehicles, is pleased to announce a new, no-cost online training course: ***Best practice for defueling, decommissioning, and disposal of compressed natural gas vehicle fuel containers***. This highly interactive online training session covers how to defuel and decommission containers and handle condemned containers at their end of life. This includes guidance on purging and destroying containers to ensure that they are taken out of commission and destroyed either at the end of their life cycle or after being condemned.

CSA is pleased to offer this learning module to regulators, vehicle owners, coordinators and service industries (such as tow truck operators and first-responders) to provide an interactive, hands-on opportunity to learn best practices for this important subject. Please feel free to distribute to your coalition stakeholders.

The module was also designed as a companion document to the Clean Cities *Compressed Natural Gas Fuel Tank Defueling, Decommissioning, and Disposal* video (<https://www.youtube.com/watch?v=vTxQPsm8n0>).

This training module will be available for a limited time at no cost at the CSA website (<http://shop.csa.ca/en/canada/energy-oil-and-gas-training/spe-21-18-online-training/invtx/express212016online>)."

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**Technical Research Accomplishments & Impact: Co-Optimization of Fuels & Engines: FY17 Year in Review**

“The U.S. Department of Energy (DOE) Co-Optima initiative is accelerating the introduction of efficient, clean, affordable, and scalable high-performance fuels and engines. This effort is simultaneously tackling fuel and engine research and development (R&D) to maximize light-, medium-, and heavy-duty vehicle fuel economy and performance, while mapping lower-cost pathways to reduce emissions, leveraging diverse domestic fuel resources, boosting U.S. economic productivity, and enhancing national energy security.

Co-Optima brings together DOE’s Office of Energy Efficiency & Renewable Energy (EERE), nine national laboratories, 13 universities, and numerous industry and government stakeholders in a collaboration exploring solutions with potential for near-term improvements to the types of fuels and engines found in most vehicles currently on the road, as well as to the development of revolutionary new combustion technologies.”

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**You might also be interested in ...**

**[Turning Gross Grease into Biodiesel](#)**

**[Natural Gas Returning As Smart Transportation Fuel](#)**

**[Transportation Analysis Fact: Gross Domestic Product Continues to Outpace Vehicle Miles Traveled](#)**

**[Transportation Analysis Fact: Nearly Two-Thirds of U.S. Plug-In Vehicles Were Assembled in the United States](#)**

**Events Calendar:**

May 12, 2018 – **[Town of Nottingham Earth Day Festival](#)** – From 10 AM to 5 PM.

May 22, 2018 - **[Mt. Washington Valley Chamber of Commerce Expo](#)** - From 11 AM – 4 PM. At the North Conway Community Center, White Mountain Highway, North Conway, NH. They’re bringing back EV Alley!

June 1, 2018 – **[GSCCC’s Green Your Fleet! Workshop](#)** at the NH Motor Speedway in Loudon – Open to all & FREE of charge. Registration Check-In/Breakfast begins at 8 AM. Our agenda runs from 9 AM – 3:30 PM. Vehicle display and demo ... *we’re planning a Ride & Drive on the Racetrack!!*

June 6, 2018 – **[NH Electric Cooperative’s EV Cruise Show](#)** – From 3 PM to 7 PM at the 104 Diner, Rte. 104, Meredith, NH.

June 9, 2018 – **Drive Electric NH EV Ride & Drive Event** –

From 9 AM to 3 PM at Rivier University, Memorial Hall Lot, 420  
South Main St, Nashua NH.

**If there's something you'd like to see, say or share  
regarding current or future newsletters, drop me a  
line: [Jessica.Wilcox@des.nh.gov](mailto:Jessica.Wilcox@des.nh.gov)**

NH Department of Environmental Services  
29 Hazen Drive  
Concord  
New Hampshire  
03302  
United States