



**Welcome to the NJ Clean Cities Coalition May Newsletter! Included in this edition are a few news items of interest and reminders of some of our upcoming events. For more information, please visit our website, join our LinkedIn Group, follow us on Twitter (@njcleancities), or contact Chuck Feinberg at [chuck.feinberg@gmail.com](mailto:chuck.feinberg@gmail.com).**

### **DOE Programs to Promote Electric Vehicles**

DOE is taking new steps to speed up the deployment of electric vehicles (EV), it announced on April 19. These efforts include making available \$5 million in new funding for community-based efforts to deploy EV infrastructure and charging stations. DOE is also forming a partnership with Google Inc. and more than 80 EV stakeholders to help consumers find charging stations nationwide. The goal is to reduce U.S. dependence on foreign oil, saving consumers money and helping meet the administration's goal of 1 million advanced technology vehicles on the road by 2015.

Local governments and private companies will partner to apply for the \$5 million in funding to help accelerate installation of EV charging stations. Successful applicants will work to develop plans and strategies for EV deployment, update their EV permitting processes, develop incentive programs, or launch other initiatives. See the Funding Opportunity Announcement on FedConnect, or contact Chuck Feinberg [chuck.feinberg@gmail.com](mailto:chuck.feinberg@gmail.com) for more info. While not required, the solicitation strongly encourages the participation of local Clean Cities Coalitions in all applications. Applications are due June 13.

In a related effort, DOE's National Renewable Energy Laboratory (NREL) is joining with Google Inc. and various industry leaders to provide consumers with consistent, up-to-date information about the EV charging stations in communities nationwide. Using Google Maps, this new collaboration will coordinate an online network of all U.S. charging stations and will serve as the primary data source for GPS and mapping services tracking electric vehicle charging locations. These efforts are supported by the Clean Cities program; a public-private partnership that brings together federal, state, and local governments, the auto industry, and private sector fleet operators.

## **New Study: Algae Could Replace 17% of U.S. Oil Imports**

Every day, the United States spends about \$1 billion to import foreign oil, money that we could be investing in American energy and the American economy. President Obama recently announced an ambitious but achievable goal of reducing our oil imports by a third by 2025. To meet this goal, we need to increase use of homegrown advanced biofuels. Recently, DOE's Pacific Northwest National Laboratory came out with a new study that shows that 17% of the United States' imported oil for transportation could be replaced with American-grown biofuels from algae. Developing the next generation of biofuels is an important step towards reducing our dependence on foreign oil and advancing new economic opportunities throughout the country.

## **DOE Launches Advanced Car Competition for Universities**

DOE officially launched the EcoCar2 competition recently and named sixteen university teams that were selected to participate. "EcoCar2: Plugging into the Future" is an educational partnership between General Motors and DOE to help prepare future engineers for opportunities in clean energy and advanced vehicle industries.

EcoCAR 2 is a unique three-year collegiate engineering competition that challenges teams to reduce the environmental impact of an existing vehicle without compromising performance, safety, or consumer acceptability. The program's combination of cutting-edge engineering practices, hands-on experience, and knowledge sharing in a competitive and team-oriented environment gives participating students a head start toward future job success. Participants will go on to make contributions that will help keep the North American automotive industry competitive in the global market place, which is increasingly adopting fuel-efficient designs. EcoCAR2 includes both new teams and veterans which will explore a variety of power train architectures and follow a real-world engineering regimen modeled after GM's Global Vehicle Development Process. Each EcoCar2 team will use a Chevrolet Malibu, donated by General Motors, as the integration platform for their advanced vehicle design.

## **NJCCC and Rutgers Team Up for Alternative Fuel Vehicle Exhibit**

As part of the annual Rutgers Day event, for the second time the NJ Clean Cities Coalition teamed up with the Rutgers University School of Engineering and the Center for Advanced Infrastructure and Transportation to present a display of alternative fueled vehicles. Participating in the event were: an all-electric Tesla Roadster; a Compressed Natural Gas garbage trucks (partially paid for with a grant through the NJCCC); a propane powered Ford F-350 van; a Toyota Plug-In Prius; a 100% electric Smith Electric 22' delivery truck; a 100% electric Mini Cooper; and, a vintage collector's item, a 1977 electric "CitiCar". Students, prospective students and their parents, and many Rutgers faculty and staff enjoyed the beautiful weather while learning of the alternatives to petroleum available today.

## **UPCOMING EVENTS**

***The NJ Clean Cities Coalition is happy to invite you to join us at the following alternative fuel events***

**May 16** - Grand Opening of new state-of-the art Ultra Green Energy Services' Whippany, NJ Biodiesel Transload Facility

Ultra Green Energy Services supplies biodiesel to the largest network of wholesale terminals in NY/NJ Metropolitan Region. The Whippany Transload Facility will be the lowest cost rail-to-truck logistics operation for biodiesel in Northern New Jersey and Northeastern Pennsylvania. "Red Dyed" Biodiesel product will also be available, sold exempt from state taxes when used as heating oil. The facility will deliver a truly recycled product--recycled cooking oils loaded at Whippany will be processed and returned as Biodiesel for use as fuel in the region.

The grand opening ceremony begins at 1 pm, at 66 South Jefferson Road, Whippany, with light refreshments served afterward on antique rail cars. Please RSVP.

### **May 19 - Alternative Fueled Truck Conference**

Sponsored by the Mid-Atlantic Truck Centre, Deluxe International Trucks, and the NJ Clean Cities Coalition, this first of its kind event in this region and will feature vehicle displays, a "Ride & Drive", and nationally recognized speakers focusing on: compressed natural gas, diesel/electric hybrids, biodiesel fuel and mandatory Diesel Retrofit Technologies that are available to assure compliance with state and federal emissions and engine regulations.

Join us for coffee and networking at 8:30 AM. The conference will kick off at 9:00 and run through 11:30, followed by lunch, vehicle presentations and Ride & Drive. We'll wrap up by 2:00. The event will be held at the Mid-Atlantic Truck Centre, 525 Linden Avenue West, Linden, NJ. Limited exhibit space remains available for sponsors.

### **June 8 – Grand Opening, Compressed Natural Gas fueling station at the Waste Management facility in Camden, NJ**

Save the date for this ceremony. The new station, funded in part by a DOE grant through the NJ Clean Cities Coalition, features two public access, dual hose fast-fill dispensers with card readers which will accept all major credit cards and, 80 private, time-fill CNG posts for Waste Management's fleet.

We are very excited to present this information at a time when the interest in, the need for, and the availability of, alternative fuel technologies are at an all-time high. Please RSVP for these events to [chuck.feinberg@gmail.com](mailto:chuck.feinberg@gmail.com).

NJ CLEAN CITIES COALITION is a 501(c)3 nonprofit dedicated to the advancement of alternative fuels and advanced vehicle technologies in order to increase domestic energy security, enhance economic development and improve regional air quality. We rely on membership fees and sponsorships to carry out our activities. While membership in the NJCCC is not required to be on our mailing list, it is certainly appreciated!

**Please help support our activities!**

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