

CCFC Projects & Activities Update

May 2016

Projects: Past, Present, and Future

Southeast Alternative Fuel Demonstration Initiative

The Southeast Alternative Fuel Demonstration initiative is underway! A variety of alternative fuel vehicles are available from multiple vendors for fleet demonstrations between April and December. If you are interested in applying for a trial demonstration, please visit www.sadidemo.org or email Jessica at jhill@centralina.org. And special thanks to [Mainstay Fuel Technologies](#) and [Alliance Autogas](#) for attending the Centralina COG Board of Delegates meeting and demonstration event on 5/11/16.



Compressed Natural Gas (CNG) Fire Safety Demonstration



On March 16th, stakeholders gathered at PSNC Energy to learn about fire safety in regards to compressed natural gas (CNG). After discussing the safety and risks of CNG, as well as the factors that can cause or mitigate a CNG fire, attendees then observed a live fire demonstration showing several different sized fires from a variety of gas pressures. To wrap up the event, there was a guided tour of PSNC Energy's public CNG fueling station. To learn more about PSNC's safety education efforts, contact Jim Cole of PSNC Energy at JCOLE@SCAN.COM.

Smart Mobility

Topics and terms that include driverless cars, autonomous vehicles, connected vehicles, "multi-modal," and the "Car-free Generation" are just a few that emerge when Smart Mobility gets discussed. With all that is happening in this arena now, CCFC staff was excited to be invited and funded by the Department of Energy to the National Renewable Energy Lab (NREL) to discuss and explore how the Clean Cities program can best support coalitions and stakeholders around these topics. In addition to CCFC staff, we were granted a request to include CATS representative Jason Lawrence given his critical role in Charlotte's recent Smart Cities grant proposal that specifically called out enhanced transit service through the use of the many emerging technologies in this space. Perhaps most exciting is the possibility of bringing even more knowledge and resources around Smart Mobility to CCFC stakeholders in the coming months and years... stay tuned! If you want more information on this workshop at NREL or Smart Mobility in general, contact Jason Wager at jwager@centralina.org.



Announcements

Region of Excellence, Mobile CARE Awards and SMART Fleet

The 2016 Clean Cities Region of Excellence Award is presented to the Town of Matthews for demonstrating leadership and excellence in clean transportation and fuel activities. Matthews has recognized the environmental, economic, and national security benefits of reducing consumption of fossil fuels and has implemented programs and initiatives to lower

their use of traditional transportation fuels, most recently through the installation of Electric Vehicle Fast Charging equipment in its downtown, available to the public and growing number of electric vehicle owners on the road, exemplifies Clean Cities' mission and goals. PEV owners are now able to fully charge a typical vehicle in about 30 minutes at a cost of about \$6; ideally, spending that time in exploring the shops of Downtown Matthews!

Numerous CCFC stakeholders received awards and recognition at the North Carolina Clean Transportation Tour for their efforts in clean transportation and reducing the consumption of petroleum. Gaston County, Charlotte Mecklenburg Schools, City of Charlotte Solid Waste Services, City of Charlotte Fire Department, City of Charlotte, City of Concord, Piedmont Natural Gas, and UNC Charlotte were all recognized for their exemplary clean fuel efforts. Congrats to all!

FAST Act – Section 1413, Alternative Fuel Corridors



These designations are being developed now using local input and may include both freight and people movement, with final designations due by December of 2016, however, US DOT hopes to make these announcements by late August-early September. Although no funding is available to implement, resources from USDOT could result in workshops, peer exchanges, technical assistance, marketing/branding, and analytical support. This is being coordinated with Clean Cities and it is important to note that CMAQ was amended to give priority to designated EV and CNG corridors in any part of the state, thus represents a possible funding source. Solicitation regarding corridors to

be designated is likely to occur in June. CCFC staff participated in national webinar on 5/16 and encouraged direct involvement of Clean Cities stakeholders in the implementation and selection of these corridors. More information can be found at: www.fhwa.dot.gov/environment/climate_change/mitigation/webinars.

Policy Update, NC Sustainable Energy Association - Senate Bill 843

Introduced on Tuesday 5/10, the last day for new bills to be introduced for the 2016 Short Session, Senate Bill 843 seeks to add new onerous fees and regulations to renewable energy projects, which would greatly impact customers, businesses, landowners, and others. If enacted, it would bring NC renewable energy development - and the resulting \$4.9+ billion in investments - to a screeching halt. For more information on the bill's contents and potential implications, please see NCSEA's Action Alert and a blog post by attorney Robin Smith. For more information, contact Maggie Clark at maggie@energync.org.

NC Clean Energy Technology Center Updates

NC Clean Transportation Coordinating Committee Meeting - Wednesday June 8, 2016: 12:30 - 4pm. 800 Park Offices Drive, Research Triangle Park, NC 27709. Those interested in signing up can find out more information here: <https://nccleantech.ncsu.edu/events-meetings/#meetings>. RSVP for the event

here: https://docs.google.com/forms/d/1zNggec_0lCJOt4vAf-sjO0Po3VL2V-e2D0dGlvVo-E/viewform?usp=send_form

Save the date: Sustainable Fleet Training & 10th Annual Mobile CARE Awards luncheon at the McKimmon Conference Center in Raleigh, NC on October 11.

Public education campaign, Fuel What Matters to be revitalized. Strategic partners from across the state are being sought to help get the word out about the campaign. If there is interest in learning more, please contact Matt Abele at mrabele@ncsu.edu.

Coalition Sustainability

Thank you to the organizations who have already donated to the coalition (UPS, PSNC, Nissan, Duke Energy, Piedmont Natural Gas, Fontaine, Trillium, and Roush CleanTech. So far, we have received \$10,000 in sponsorships, with pledges for more! These donations will help ensure a long and healthy future for CCFC by providing resources that will enhance the ability to deliver expanded benefits to you, our stakeholders. With increased funding, CCFC aims to support the missions of our stakeholder organizations through increased technical assistance, publicity efforts, grant advising and matching, and more. If you would like to become a sponsor, please contact Jason Wager at jwager@centralina.org.