

2018 Coalition Strategic Framework

Goals	Strategies
Support	
<p>Sustain and grow use of alternative fuels, advanced vehicles, and emerging transportation technologies</p> <p>Identify up and coming markets in our region</p> <p>Grow efforts that reduce our use of traditional petroleum</p>	<ol style="list-style-type: none"> 1. Focused electric vehicle and EVSE opportunities, events and projects 2. Fleet-oriented technical assistance for compressed natural gas (CNG) and propane 3. Build on presence of Federal Highway Administration CNG and Electric Alt Fuel Corridors in our region 4. Seek stakeholder partnerships to extend impact 5. Facilitate Autonomous and Connected Vehicle (ACV) discussion tied to near-term regional actions
Communication	
<p>Convey emerging challenges</p> <p>Share resources, solutions, and opportunities</p>	<ol style="list-style-type: none"> 1. Support NC Department of Environmental Quality (DEQ) and stakeholders with implementation of VW Settlement funding 2. Target audiences and partners including, but not limited to: the education sector; private fleets; bus manufacturers; Clean Energy Technology Center (CETC); NC DEQ; Mecklenburg Co. Air Quality; 100 Best Fleets; and the National Association of Regional Councils (NARC) 3. Examine, identify, and share sectors to target for alternative fuels (e.g.- hybrids for taxis, propane for light duty work trucks and vocations)
Outreach	
<p>Focus on education and awareness</p> <p>Retain and grow new connections</p>	<ol style="list-style-type: none"> 1. Through programs (i.e.-the Clean Fuel Advanced Technology initiative in partnership with NCSU's CETC), provide opportunities to learn about current policy issues, air quality impacts, vehicle technologies, and fleet/infrastructure funding opportunities 2. Incorporate emerging ideas and needs into website, webinars, social media, newsletters, and events, e.g., conversion manufacturers and upfitters; highway corridor signage/awareness of availability; return on investment models; ACV Roadmap and Task Force; logistics; Transportation Demand Management; mobility options 3. Share success stories, lessons learned, and contacts about and among stakeholders 4. Inform stakeholders about key markets, opportunities, and technology shifts for consideration including: light duty EVs and biofuel use; transit and refuse; CNG in heavyduty fleet use; propane in light and medium duty applications; emergence of vehicle platooning

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2017 Stakeholder Reported Accomplishments

- ✓ PSNC CNG station upgrade in Gastonia. Additional CNG compressor added.
- ✓ Increased public awareness of CNG and electric public stations availability.
- ✓ Increased interest in alternative fuels in regards to commercial vehicles.
- ✓ Increase in large organizations using alternative fuels.
- ✓ City of Charlotte SWS CNG Station. Growth in the market of CNG Cement mixers.
- ✓ GRADE for freight projects completed. Reduced air pollution potential.
- ✓ UNCC 100 Best Fleets and Green Fleet Award Recipient 2017. City of Charlotte received 10 CNG waste haulers; deployed and commissioning of CGN fueling station 2016-2017.
- ✓ UPS private CNG station constructed and operational in Greensboro.
- ✓ Several stakeholders recognized for green smart fleet in the region in 2017.

Recognition of industry leaders promotes stakeholder efforts and advertises to the public about what the public and private sectors are doing to improve operations, respect the environment, and reduce costs. These initiatives catalyze others to get involved in improving our air quality and decreasing our dependence on petroleum.



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