EV LUNCH AND LEARN
MAY 8, 2019
SIERRA NEVADA BREWING

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Clean Cities Designation

- LOS Clean Vehicles Coalition Designated on July 27, 2012
- **Clean Cities Program Goal**: support local partnerships to reduce petroleum use in US transportation sector, primarily by promoting cleaner, domestic fuels and vehicles
- **Support**: Networking, Funding Opportunities, Technical Assistance
Coalition Services

- Education, Outreach and Training
- Forum for Discussions and Networking
- Fleet Assessments & Technical Assistance
- Funding for Stakeholder Projects
- Stakeholder Recognition (Awards; Media including Motor Week TV)
Clean Cities Alternative Fuels Portfolio

Alternative Fuels Promoted by CVC

- Biodiesel
- Electricity
- Natural gas
- Propane
- Ethanol (E85)
- Hydrogen

- Portfolio now includes Idle Reduction, Fuel Efficient Vehicles (Hybrids) and VMT Reduction
Electric Vehicle Deployment

Dealerships are selling EVs in Region

- Asheville Chevrolet
- Ken Wilson Ford
- Anderson Nissan
- Waynesville Automotive
- Sunshine Chevrolet
- Hunter Nissan
- Boyd Auto

Over 800 electric vehicles in the Asheville region and 13,639 in NC

- Ford CMAX Hybrid
- Chevy Bolt
- APD Chevy Volt
Charging Station Deployment

241 Public Access Charging Outlets
at 92 locations in the Asheville region (3-19)
Funding Opportunities

- **VW Settlement**
  - North Carolina - $92 Million for Environmental Mitigation Trust (DEQ lead)
  - Replace 1992-2009 Diesel Vehicles w new Clean Diesel, Propane, CNG, Hybrid, Electric or Hydrogen
  - Old Diesel Vehicles must be Scrapped (3 inch hole in engine block & cut frame rails in half)
  - Medium and Heavy Duty Transit, Shuttle and School Buses
  - Medium and HD Local Freight Trucks
  - EV Charging Stations (State can allocate up to 15% of Mitigation funds)

- **RFPs out Very Soon! Grant Application Workshop to Follow**
## Phase 1: Environmental Mitigation Trust Plan

<table>
<thead>
<tr>
<th>NC Grant Programs (2108-2020)</th>
<th>Eligible Action Category</th>
<th>Eligible Fuels</th>
<th>Targeted Percentage *</th>
<th>Targeted Funding Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>School bus replacement program</td>
<td>School buses</td>
<td>Diesel - 25%</td>
<td>40%</td>
<td>$12,272,754</td>
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<tr>
<td></td>
<td></td>
<td>Natural gas &amp; Propane - 10%</td>
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<tr>
<td></td>
<td></td>
<td><strong>All-electric 5%</strong></td>
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</tr>
<tr>
<td>Transit bus replacement program</td>
<td>Transit buses</td>
<td>All (diesel, propane, natural gas, electric)</td>
<td>20%</td>
<td>$6,136,377</td>
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<tr>
<td>Clean heavy-duty on-road equipment program</td>
<td>Class Local Freight 4-8 trucks</td>
<td>All (diesel, propane, natural gas, electric)</td>
<td>10%</td>
<td>$3,068,189</td>
</tr>
<tr>
<td>Clean heavy-duty off-road equipment program</td>
<td>Switcher locomotives, ferries, tugs, forklifts,</td>
<td>All (diesel, propane, natural gas, electric)</td>
<td>10%</td>
<td>$3,068,189</td>
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<tr>
<td></td>
<td>port cargo handling equipment, ocean-going vessel shore power, airport ground support equipment, Diesel Emission Reduction Act (DERA)**</td>
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<tr>
<td>ZEV infrastructure program</td>
<td>Not Applicable</td>
<td></td>
<td>15%</td>
<td>$4,602,283</td>
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<tr>
<td>DEQ administrative costs</td>
<td>Not Applicable</td>
<td></td>
<td>5%</td>
<td>$1,534,094</td>
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<tr>
<td>Total</td>
<td></td>
<td></td>
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<td>$30,681,886</td>
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</tbody>
</table>
Funding Opportunities

- **Governor’s EO80 and Zero Emission Vehicle Plan**
  - Goal of 80K ZEVs by 2025
  - Possible Funding for State Fleets and Others?

- **CFAT Grants from NC Clean Energy Technology Center**
  - Leases of new PEVs – 24 Non-Attainment Area Counties
  - EV Charging Stations (new or replacements) where no ground disturbance – All 100 Counties

- **Proposed Duke Energy Electric Transportation Pilot**
  - Charging Programs for Residential, Multi-family, Fleet, School and Transit Buses; and Public Level 2 and Fast Charging Stations
Thank You

For more information

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Website - Cleanvehiclescoalition.org
Facebook – Land of Sky Clean Vehicles Coalition
Plug In Electric Vehicles

Yearly Plug-In Electric Vehicle Sales

PEVs

Brightfield Charging Station
scross@brightfieldts.com