Green Business Workshop & Showcase
October 17, 2017
Clean Cities Program Portfolio of Technologies

Alternative Fuels and Vehicles
- Biodiesel
- Electricity
- Ethanol (E85)
- Hydrogen
- Natural gas
- Propane

Hybrids
- Light- and heavy-duty HEVs
- PHEVs

Fuel Blends
- Biodiesel/diesel blends (B2, B5, B20)
- Ethanol/gasoline blends (E10)
- Hydrogen/natural gas blends (HCNG)

Fuel Economy
- Fuel efficiency
- Behavioral changes
- Vehicle maintenance initiatives
- Vehicle miles traveled (VMT)

Idle Reduction
- Heavy-duty trucks
- School buses
- Truck stop electrification
- Diesel Emission Reductions
Clean Cities 4 Major Deployment Activities

**Local Community/Coalition Support:** DOE helps convene key community and business leaders to develop and implement projects, leverage resources, and address local barriers.

**Public Information, Outreach, and Education:** DOE-developed tools help consumers save money on fuel cost and help fleets understand their options for cost-effective alternatives to gasoline and diesel fuel.

**Technical & Problem-Solving Assistance:** DOE experts help local leaders address permitting and safety issues, technology shortfalls, and other project implementation barriers.

**Competitively-Awarded Financial Assistance:** Federal cost-share encourages initial private sector match and long-term investment.
Local Community /Coalition Support: Develop/Strengthen Local Markets

- Identification of potential fleet and funding partners
- Connecting fleets with fuel providers and industry partners, promoting INDIANA.
- Facilitating infrastructure development projects
- Training and information
- Technical assistance
- Education and outreach to decision-makers, fleets, and the public
- Coordination with key community and business leaders
- Collecting data and tracking progress
Consumer Information, Outreach, and Education

- Non-biased source of VT data and information
- Fuel Economy Guide (FE.gov), Alt-Fuel Data Center (AFDC)
- On-line tools and cost calculators, other web resources
- Fact Sheets, publications, handbooks, success stories
- Technical Response Service and Hotline
- Public workshops, webinars, industry technical conferences

Online Tools  Technical Response Service  Publications
Technical and Problem Solving Assistance

- Capture lessons learned and develop best practices
- Technical forums and user groups and national partnerships
- Address unforeseen permitting and safety issues
- Identify chronic vehicle or infrastructure field problems
- Incident investigations (technology failures)
Clean Cities Stakeholders Facilitate Alt Fuels Deployment Across Multiple Modes

- Rail
- Water
- Air
- Road
What South Shore Clean Cities Does!

- SSCC worked with our partners to bring over $10 million in grant funding in 2016.
- Our goal is to have each and every community and business GREEN.
- **Education:** We are the resource for GREEN!
- **Collaboration:** working with ALL to assist in moving green and reducing carbon footprint.
- **Celebration:** Finding organizations/individuals doing things right.

**LET US BE YOUR RESOURCE!**
Current Opportunities

- **Green Fleet**: Opportunities for grants/greening of fleets throughout Northern Indiana (we need you to sign up!).
- **Midwest Drives**: Opportunity for business or government entity to test an alternative fueled vehicle. Sign up today!
- **Midwest Evolve**: Three-year electric vehicle/charging initiative
- **Michigan to Montana (M2M)**: I-94/I-80 Corridor
- **Lake Michigan Consortium**:
- **NISSAN LEAF Program Incentive**

**GRANTS/PROJECTS PENDING**

- Indiana Office of Energy –Clean School Bus/ US EPA Clean SB
- IDEM Diesel Wise -2017
- IDEM –VW MITIGATION/Electrify America
GOAL:
Outreach/Education and Programs to reduce transportation related emissions and improve air quality and reduce barriers to the adoption of alternative fuels throughout Indiana!

APPROACH
• ECONOMIC DEVELOPMENT
• Heater pilot program (School & Transit)
• Developing Green Fleet program in several pilot communities, Businesses (fleet audits and developing plans for greening fleets)

OUTREACH/EDUCATION
• Events
• Webinars
• Trainings
• Demonstrations
The **Midwest EVOLVE** (Electric Vehicle Opportunities: Learning, eVents, Experience) project will demonstrate the performance and environmental benefits of plug-in electric vehicles through showcases, ride and drives, and events.

South Shore Clean Cities is a partner on the seven-state project, which will include educational events in Ohio, Michigan, Indiana, Illinois, Wisconsin, Minnesota, and North Dakota.
Michigan to Montana (M2M) Corridor

• US DOE selected M2M Project to receive $5M (with $5M in participant cost share) in January 2017; contracts being finalized currently

• M2M alternative fuel corridor will cover I-94 from Billings, MT to Port Huron, MI. Specifically, the project will:
  o Provide leadership through community-based partnerships with Clean Cities Coalitions, State DOTs, SEOs, station providers, fleets, etc.
  o Leverage and expand on existing Smart Mobility programs in this region
  o Deploy fueling stations (electric vehicle (EV) DC Fast Chargers, CNG, and propane stations) and CNG long-haul trucks
  o Identify and fill gaps in alternative fuel station locations
  o Provide outreach, education, and training to critical stakeholders
Governor Eric J. Holcomb signed an executive order on October 12, 2017 outlining next steps to distribute Indiana's $40.9 million portion of the Volkswagen Environmental Mitigation Trust Fund (trust fund), which was formed as a result of a settlement between the U.S. Department of Justice and the Volkswagen Corporation for its violation of the federal Clean Air Act.

The executive order establishes the Indiana Volkswagen Environmental Mitigation Trust Fund Committee (committee) and names the Indiana Department of Environmental Management (IDEM) as the beneficiary of and the administrative agency for the trust fund.
For More Information

Carl Lisek
South Shore Clean Cities, Inc.
(219) 644-3690
cliesk@southshorecleancities.org

Clean Cities Website: www.Southshorecleancities.org
Alternative Fuels and Advanced Vehicles Data Center: www.afdc.energy.gov
Fuel Economy: www.fueleconomy.gov