

# FLEETS FOR THE FUTURE

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## Aggregated Alternative Technology Alliance

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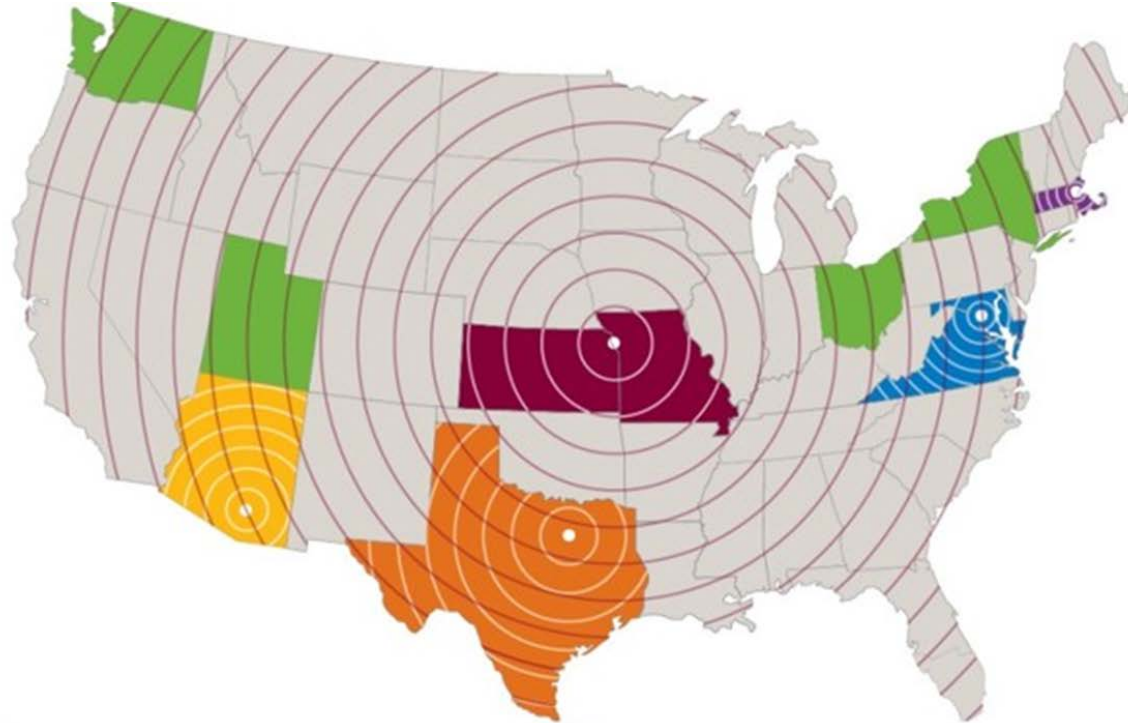


# Project Overview



- National partnership between regional councils, Clean Cities Coalitions, and industry leaders led by the National Association of Regional Councils.
- Coordinates five regional and one national scale procurement initiative designed to consolidate bulk orders of alternative fuel vehicles and infrastructure.
- Focuses on reducing the incremental costs of propane, electric, and natural gas powered vehicles and refueling or charging infrastructure.
- Creates best practices and templates on alternative fuels such as CNG, propane, and electric; related infrastructure development; creative financing mechanisms; and, vehicle procurement strategies and policies.
- Dedicated to advancing fuel efficient vehicle technologies to decrease petroleum consumption through targeted outreach, education, and deployment of best practices.

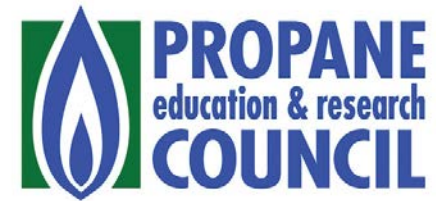
# National Partnerships



- Mid-America Regional Council (MARC)**
  - Greater Kansas City: 1.8 million
  - Mo. and Kan. bi-state: 8.842 million
- Metropolitan Washington COG (MWCOG)**
  - District of Columbia: 4.7 million
  - Suburban Md., northern Va.: 14.376 million
- Metropolitan Area Planning Council (MAPC)**
  - Greater Boston: 4.732 million
  - Mass. 6.547 million
- North Central Texas Council of Governments (NCTCOG)**
  - Dallas-Fort Worth: 6.603 million
  - Texas: 25.145 million
- Pima Association of Governments (PAG)**
  - Tucson: 980,263
  - Ariz.: 6.392 million
- Clean Cities Coalition outreach areas:**
  - New York, Ohio, Utah, Washington



# Industry Partnerships



# Regional Partnerships



- **Metropolitan Washington Council of Governments (COG)** - independent, nonprofit association that brings area leaders together to address major regional issues in the District of Columbia, suburban Maryland, and Northern Virginia.
- **Baltimore Metropolitan Council (BMC)** - successor to the Regional Planning Council and Baltimore Regional Council of Governments.
- **Mid-Atlantic Purchasing Team (MAPT)** - regional collaboration between COG's and BMC's cooperative purchasing committees to members with greater opportunities to save.
- **Greater Washington Region Clean Cities Coalition (GWRCCC)** - USDOE designated program that promotes and assists in measurable improvements in regional reductions in the use of petroleum based fuels through a strong coalition of effective partnerships.

# Clean Cities Coalitions



- There are nearly 100 Coalitions across the country representing almost 22,000 stakeholders, both public and private, working to reduce petroleum consumption, limit pollution, and save money.
- Representing close to 11 million alternatively fueled vehicles nationwide

## Clean Cities Coalitions



# Project Goals



- Coordination of five regional and one national scale procurement initiative designed to consolidate bulk orders of alternative fuel vehicles and related infrastructure.
  - MARC pilot procurement, followed by the remaining COGs, and then the nation-wide effort.
- Education and training are slated to be an ongoing effort throughout the 2-year program.
- Distribution of Best Practices for the deployment and procurement of alternative Fuels and advanced technology vehicles.
- Transition of fleets to alternative fuels such as electric, natural gas, propane and biofuels.



# Regional Survey Results



- Over 40 surveys received to date, surveys will continue to be accepted through the end of the year.
- Survey respondents represent over 37,000 vehicles in 40+ fleets.
- Approximately 9,000 vehicles are slated for replacement in the next 2-3 years, of which 6,600 are light-duty.
- Currently, over 700 vehicles are designated as alternative fuel vehicles (AFV).
- Ranking of interest in AFVs fuel types by respondent:
  - **22** showed interest in Electric vehicles
  - **16** showed interest in Ethanol fuel
  - **11** showed interest in Biodiesel
  - **6** showed interest in Compressed Natural Gas
  - **6** showed interest in Liquid Propane Gas





# Procurement Timeline



	Start	Finish
<b>Future Fleets - Alternative Fuel and Equip.</b>	Mon 8/1/16	Tue 5/23/17
Research other bids	Wed 8/17/16	Tue 9/6/16
Survey stakeholders for vehicles	Mon 8/1/16	Fri 12/30/16
Request for Information from Vendors	Tue 11/1/16	Tue 1/24/17
Create bid documents (spec for vehicles and equipment)	Wed 1/25/17	Mon 2/13/17
Put bids on the street Vehicles and Equip	Wed 2/8/17	Tue 4/11/17
Open bids	Wed 4/12/17	Wed 4/12/17
Review bids and make awards	Thu 4/13/17	Tue 5/2/17
Legal review for contract award(s)	Wed 5/3/17	Mon 5/22/17
Award Contract(s)	Tue 5/23/17	Tue 5/23/17

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