

# FLEETS FOR THE FUTURE

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## Aggregated Alternative Technology Alliance

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# National Association of Regional Councils



- NARC represents multi-jurisdictional regional planning organizations
  - large and small, urban and rural
- Governed by local elected officials and advised by executive directors
- Four core areas of concentration: Transportation, Economic & Community Development, Homeland Security/Public Safety, and Environment
- Three conferences per year
- Previously worked with MWCOG on very successful Solar Ready II DOE grant

# Fleets for the Future Project Overview



- Reduce the incremental costs of propane, electric, and natural gas powered vehicles and refueling or charging infrastructure
- Develop and implement five regional procurements and one national scale procurement
- National partnership between regional councils, Clean Cities Coalitions, and industry leaders led by the National Association of Regional Councils
- Create 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



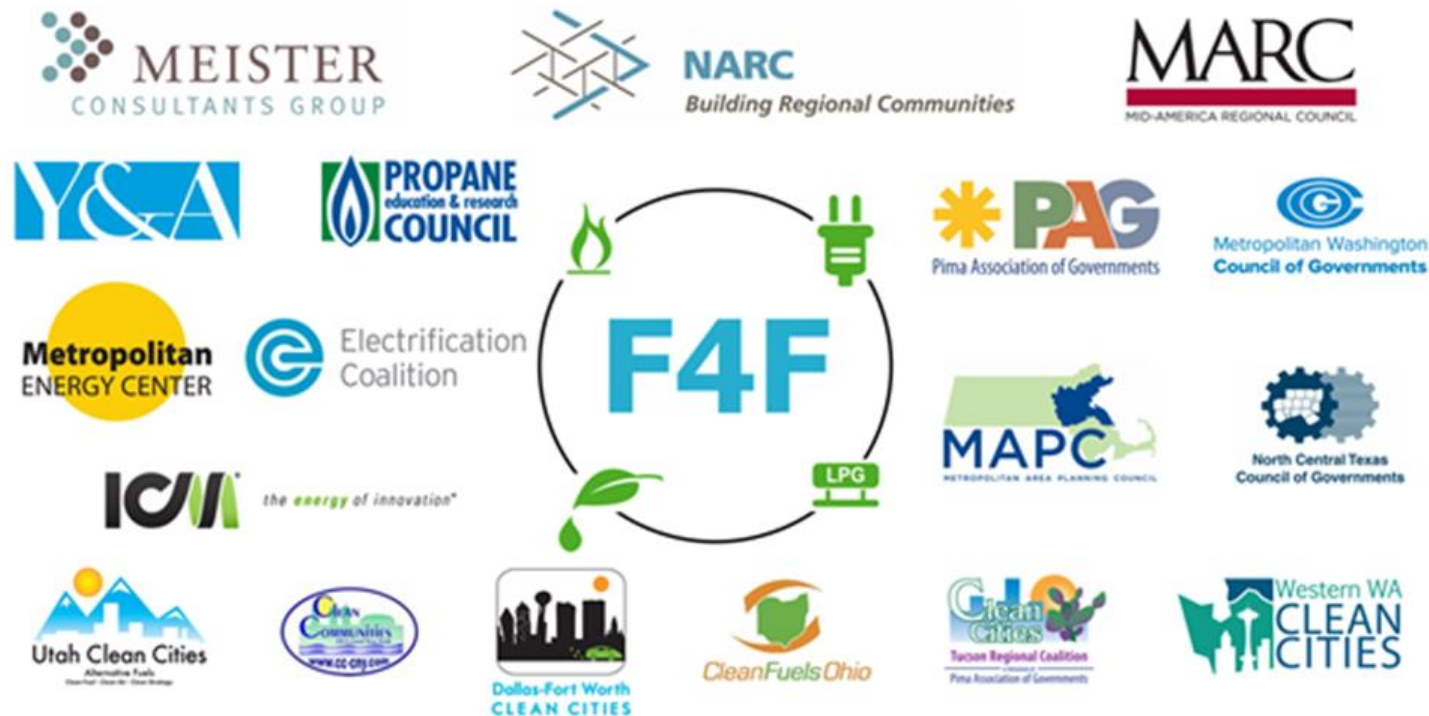
# Partners and Roles

- National Association of Regional Councils – project lead and overall management
- Regional Councils – develop and coordinate cooperative contracts for vehicles and infrastructure
  - MWCOG
  - Metropolitan Area Planning Council (Boston)
  - North Central Texas COG
  - Pima Association of Governments
  - Mid-America Regional Council (MARC)
- Clean Cities Coalitions: New York, Ohio, Utah, Washington state, Kansas City, Tucson, and metropolitan Washington – outreach and education support

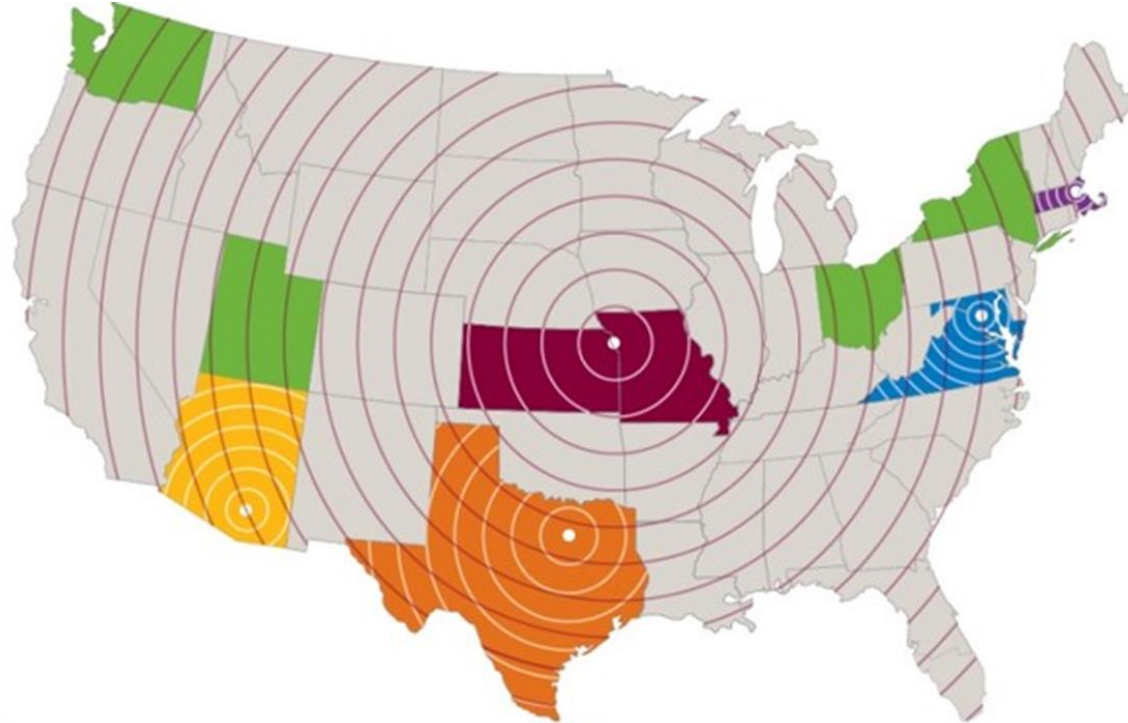
# Partners and Roles



- Technical Experts: Meister Consultants Group, Yborra and Associates, Electrification Coalition, ICM, Inc., Propane Education & Research Council



# 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



# National Procurement



- National Joint Powers Alliance (NJPA) is a likely host for the public side
- Private is still in planning stages and we are in talks with the National Association of Fleet Administrators (NAFA)
- Includes propane, natural gas, and electric vehicles
- Will include a major outreach and education campaign involving the full network of regional planning councils and Clean Cities coalitions

**Public Fleets National Procurement Plan Implementation Timeline**

7-step Strategic Process	Q3 - 2016	Q4 - 2016	Q1 - 2017	Q2 - 2017	Q3 - 2017	Q4 - 2017	Q1 - 2018
Research/engagement	█	█					
Requirement identification	█	█	█				
Market Analysis	█	█	█				
Bid Execution				█			
Award and Contract					█		
Contract Promotion					█	█	█
Evaluation						█	█



# 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





# MWCOG Regional Partnership



- **Metropolitan Washington Council of Governments (COG)**
- **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.

# Eligibility and Project Goals



- Public and Private Fleets: federal, state, local governments, school districts and universities, utilities
- Fuel and Vehicle Types: LDV – HDV, natural gas, propane, ethanol, and electrification
- Infrastructure: L2 and DC fast charging, natural gas, propane, E85
- Coordination of five regional and one national scale
  - MARC pilot procurement
  - COG + 3 remaining regional councils
  - Nation-wide effort.
- On-going education and training and distribution of Best Practices



# Regional Survey Results



- Over 61 surveys received to date, surveys will continue to be accepted through the end of the year.
- Survey respondents represent almost 35,000 vehicles in 50 fleets.
  - DC-MD-VA-PA
- More than 7,200 vehicles are slated for replacement in the next 2-3 years, of which more than 5,500 are light-duty.
- Currently, over 700 vehicles are designated as alternative fuel vehicles (AFV).



# Procurement Timeline



COG/MAPT Fleets for the Future Procurement Schedule		
Tasks	Start	Finish
<b>Customize Regional Procurement Initiative</b>	<b>August 2016</b>	<b>July 2017</b>
Survey stakeholders for vehicles	August 2016	December 2016
<b>Engage Local Government Officials and Stakeholders to Participate in Procurement</b>	<b>August 2016</b>	<b>March 2018</b>
Webinar	November 18, 2016	November 18, 2016
Washington Auto Show boot camp (one day)	February 2, 2017	February 2, 2017
PA region boot camp (one day)	TBD	TBD
Richmond-area boot camp (one day)	TBD	TBD
<b>Establish and Implement Regional Procurement Initiative</b>	<b>January 2017</b>	<b>September 2018</b>
<b>Vehicle Procurement</b>		
Request for Information from vendors	December 2016	End of January 2017
Request for vehicle and infrastructure commitments from stakeholders	End of January 2017	mid-February 2017
Bids on the street	Early March 2017	Early May 2017
Contract Awards (vehicles)	mid-June 2017	End of June 2017
<b>Infrastructure Procurement</b>		
Bid on the street	mid-May 2017	mid-July 2017
Contract Awards	End of August 2017	Early September 2017



**Fleets for the Future Project web site:**

<http://www.fleetsforthefuture.org/metropolitan-washington/>

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