

FLEETS FOR THE FUTURE

Aggregated Alternative Technology Alliance

Presented to MWAQC

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History of COG EV Efforts

- COG EV Workshop, April 2011
- Clean Cities Community Readiness and Planning for PEV and Infrastructure Solicitation, 2011
 - Plan not awarded
- Revised EV Deployment Plan: EV Task Force Groups
 - EV Infrastructure Processes
 - EV Policy and Processes
- COG EV Report: [Electric Vehicles in Metropolitan Washington - Understanding the Region's Current Readiness and Options for Expanding Their Use](#), October 2012



COG EV Working Group Efforts

- Function: Forum for the discussion and coordination of public and private strategies to support electric transportation deployment
 - Goal: To assist stakeholders find ways to remove barriers to electric transportation deployment in the Washington region
 - Olayinka Kolawole, DOEE and Elizabeth Lawton, Co-Chairs
- Business Case Forum, February 2013 - Electric Vehicles: Making Good Business Sense
- EV Work Group Focus, 2013-2014
 - [ZEV MOU](#) - CA, CT, MA, MD, NY, OR, RI, VT
- COG-Vision Fleet MOU Agreement, March – June 2015



COG EV Work Group Efforts

- COG Employer Outreach and Work Place Charging
- DOE RFI for Alternative Fuel and Advanced Vehicle Procurement Aggregating Initiatives, March 2015
 - Purchasing/procurement
- EV Readiness Workshop, June 2015
- DC Greening the Fleet Initiative, December 2015 – September 2016
 - Partners: GWRCCC, MWCOG, NASEO, Sustainable Energy Strategies, Inc.
- Fleets for the Future, March 2016 – March 2018

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

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						█	█

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 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 60 surveys received
- Survey respondents represent almost 35,000 vehicles in 50 fleets.
 - DC-MD-VA-PA
- Over 13,000 vehicles are slated for replacement in the next 2-3 years
 - LDV > 6800
 - MDV >1500
 - HVD > 4300
 - School buses > 400



Procurement Timeline



COG/MAPT Fleets for the Future Procurement Schedule		
Tasks	Start	Finish
Customize Regional Procurement Initiative	August 2016	July 2017
Survey stakeholders for vehicles	August 2016	December 2016
Engage Local Government Officials and Stakeholders to Participate in Procurement	August 2016	March 2018
Webinar	November 18, 2016	November 18, 2016
Washington Auto Show boot camp/workshop	February 2, 2017	February 2, 2017
Richmond-area boot camp/workshop	April 6, 2017	April 6, 2017
PA region boot camp/workshop	April 10, 2017	April 10, 2017
Establish and Implement Regional Procurement Initiative	January 2017	September 2018
Vehicle Procurement		
Request for Information (RFI) from vendors	December 2016	End of January 2017
Request for vehicle and infrastructure commitments from stakeholders	Early March 2017	End of March 2017
Bids on the street	End of March 2017	End of May 2017
Contract Awards (vehicles)	mid-June 2017	End of June 2017
Infrastructure Procurement		
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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