

FLEETS FOR THE FUTURE

Aggregated Alternative Technology Alliance

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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



Project Partners and Roles

- National Association of Regional Councils – project lead and development of private procurement
- 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

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.

Regional Eligibility



- Public and nonprofit fleets: state and local government, school districts, universities, and utilities
- Vehicle type: light-, medium-, and heavy-duty
- Fuel type: compressed natural gas, propane, ethanol (E85), plug-in electric technology, hybrid electric technology (non plug-in medium- and heavy-duty only)
- Infrastructure type: compressed natural gas, E85, propane (LPG), Level 2 electric charging, and DC Fast Charging (DCFC)



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



Regional Procurement Timeline



- Soft Commitment Request Deadline: June 9
- Vehicle contract
 - Out for bid: August – September
 - Contract award: November
- Infrastructure contract
 - Out for bid: October - November
 - Contract award: December
- Purchase window
 - 1 year contract with 2 1-year renewals

Fleets for the Future Project web site:

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

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