# FLEETS FOR THE FUTURE

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- Aggregate demand for propane, electric, E85, and CNG vehicles and infrastructure
- Reduce the cost for fleets using cooperative procurement to obtain competitive pricing
- Demonstrate demand to manufactures of alternative fuel vehicles
- Catalog lessons learned to enable future cooperative procurement initiatives



# **Regional Objectives**



- Support member governments and regional stakeholder goals
  - GHG reductions
    - COG Climate and Energy Action Plan
    - MD Smart Energy Communities
  - Green fleet
  - Sustainability
  - Resiliency and emergency support functions
  - Energy infrastructure
  - Green purchasing



# **Regional Eligibility**

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















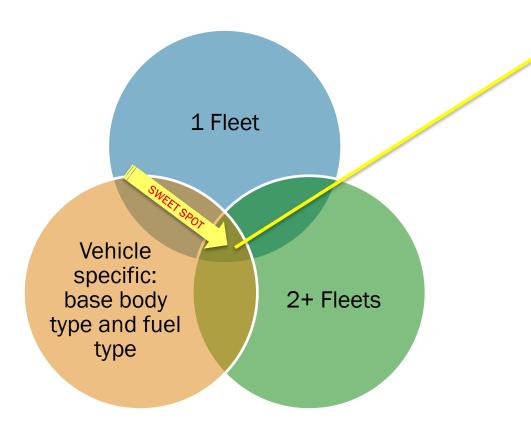
#### 15 Fleets 230+ Vehicles 1 Utility 1 University 1 School district 1 central VA locality 3 PA localities 8 Washington-Baltimore localities



Metropolitan Washington **Council of Governments** 

## **Groupings/Overlap**







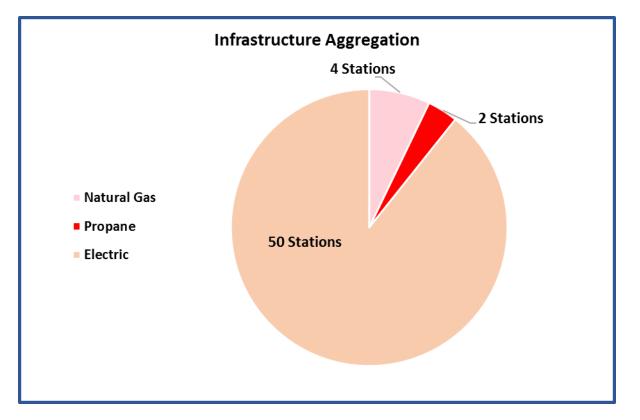


- Ford C-Max Energi 36
- Ford Fusion Energi 21
- Chevy Volt 8
- Ford Transit Van F250/350 39
- Ford Transit Wagon 13
- Ford Focus 3
- Ford 250 Pickup 5
- Ford 350 6
- Nissan Leaf 2



### **Infrastructure Aggregation**







## **Procurement Timeline**



- Vehicle contract
  - Bid on the street: early August mid September
  - Contract award: October
- Infrastructure contract
  - Bid on the street: end of August mid October
  - Contract award: November
- Purchase contracts
  - 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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