

FLEETS FOR THE FUTURE: ALTERNATIVE FUEL VEHICLE FLEET SURVEY

Note: For the purposes of this survey, please consider the following alternative fuels/technologies: Ethanol 85%, Biodiesel, Dedicated Electric, Plug-In Hybrid Electric, Compressed Natural Gas, Liquefied Natural Gas, and Propane.

CONTACT INFORMATION:

Name: _____

Title: _____

Organization: _____

Email: _____

Phone: _____

FLEET PROFILE

1. How many on-road vehicles does your fleet operate/maintain in each of the following classes:
 - Check here if the following numbers are estimates
 - Light duty vehicles (Up to 8,500 lbs. GVW): _____
 - Medium duty vehicles (8501 – 26,000 lbs. GVW): _____
(E.g. ranging from F-250/GMC 2500 to F-650/GMC C6500)
 - Heavy duty vehicles (Over 26,000 lbs. GVW): _____
 - Motorized commercial mowers (excluding tractor attachments) _____
2. Roughly how many vehicles of each of the following classes will your organization need to replace within the next 2-3 years?
 - Light duty vehicles (Up to 8,500 lbs. GVW): _____
 - Medium duty vehicles (8501 – 26,000 lbs. GVW): _____
 - Heavy duty vehicles (Over 26,000 lbs. GVW): _____
 - Please note any specific vehicle models that are particularly important to your upcoming replacement needs: _____
3. Does your organization have any of the following alternative fuel vehicles in your fleet? Check all that apply and specify what types of vehicles (e.g. school buses, pickup trucks, etc.) are using the alternative fuel:
 - Ethanol 85%: _____
 - Biodiesel: _____
 - Dedicated Electric: _____
 - Plug-In Hybrid: _____
 - Compressed Natural Gas: _____
 - Liquefied Natural Gas: _____
 - Propane: _____

4. For the alternative fuel vehicle type you expect your fleet is most likely to adopt in the next 2-3 years, what changes would need to happen in order to accelerate the fleet's adoption of these vehicles? If you are considering adopting more than one alternative fuel, describe the one you expect more difficulty with.

Circle the most likely type:

Ethanol 85%	Bio- diesel	Dedicated Electric	Plug-in Hybrid Electric	Compressed Natural Gas	Liquefied Natural Gas	Propane
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Rate the changes in conditions that would be most helpful: Very Important, Important, Somewhat Important, Indifferent, or Not Important.

- Better availability of alternative fuel packages for specialty vehicles _____
- Better fleet evaluation tools _____
- Change in driver attitudes _____
- Change in local political climate _____
- Improvement of public charging/refueling infrastructure _____
- More data on maintenance savings, fuel savings, and/or reliability _____
- Reduction in cost of the vehicle _____

5. Does your fleet have one or more of the following mandates or requirements? Check all that apply.

- Mandates or requirements to acquire alternative fuel vehicles? If yes, describe: _____
- Mandates or requirements to use alternative fuel? If yes, describe: _____
- Mandates or requirements to reduce the use of petroleum based fuels and/or reduce fleet based greenhouse gas emissions? If yes, describe: _____

FLEET INFRASTRUCTURE & MAINTENANCE SUPPORT

6. If you handle maintenance onsite at a maintenance facility, does your organization currently have capacity and expertise to maintain the following alternative fuel vehicles? Check all that apply.

- Ethanol 85%
- Biodiesel
- Dedicated Electric
- Plug-In Hybrid Electric
- Compressed Natural Gas
- Liquefied Natural Gas
- Propane
- Do not have capacity and expertise to maintain AFVs
- No onsite maintenance

7. What types of alternative fuel infrastructure does your fleet currently own or use? (enter Y/N in each cell)

Alternative Fuel/Technologies	Own and/or Operate	Use (public infrastructure)	Would like to expand in next 2-3 years
Electric vehicle charging stations (Level 2)			
Electric vehicle charging stations (DC fast chargers)			
Propane fueling station			
CNG fueling station			
LNG fueling station			
Ethanol blends			
Biodiesel blends			

8. How readily available are each of the following alternate fuels are in your area? Select one of the following for each fuel type: I Don't Know, Not Available, Available but Inconvenient, Available, or Other. If other, please specify.

- Ethanol 85 _____
- Biodiesel _____
- Public EV charging stations _____
- Compressed Natural Gas _____
- Liquefied Natural Gas _____
- Propane _____

9. For alternative fuel vehicles, does your fleet have experience bundling the procurement of the vehicle with the procurement of fueling infrastructure and/or fuel?

- Yes, for electric vehicles
- Yes, for propane vehicles
- Yes, for natural gas vehicles
- Yes, for ethanol vehicles
- Yes, for biodiesel vehicles
- No, but we would be interested in exploring such an approach
- No, and our policies prohibit such procurement strategies

FLEET FINANCING

10. Within your organization, what payback period of cost savings (fuel, maintenance, and life-cycle savings) would be enough to justify the up-front investment in alternative fuel vehicles?

- 1-2 Years
- 2-3 Years
- 3-5 Years
- 5-7 Years
- 7+ Years
- I Don't Know
- N/A: we have no way of justifying higher capital expenses through savings in fuel and maintenance.

11. Rate the following financing mechanisms by how commonly they are used within your fleet for AFVs and for conventional vehicles: Never, Uncommon, Common, or Very Common.

Financing mechanisms	For conventional vehicles	For AFVs
Direct upfront purchase		
Commercial leases		
3 rd party financing		
US General Services Administration		
State bid list		
National cooperative procurement contracts (E.g. HGAC Buy, NJPA, National IPA, US Communities, NASPO ValuePoint, etc.)		
Other (specify): _____		

- If your organization feels strongly about not using one of the financing mechanisms listed above please comment: _____

12. If Fleets for the Future could reduce the cost of **one type of alternative fuel vehicle** for your procurement needs, which vehicle would you want it to be? (Indicate the vehicle fuel type and function. E.g. CNG transit bus, propane school bus, electric pool vehicle, etc.)

Vehicle function: _____

Vehicle fuel(s): _____

Comments: _____

AFV FLEET BEST PRACTICES

13. Fleets for the Future is writing best practice guidelines to aid fleet managers and procurement specialists in procuring AFVs. What topic areas would be most useful to you and your organizations? Specify: High, Medium, or Low interest for each area below.

Topic Area	Electric vehicles	Propane vehicles	Natural gas vehicles	Ethanol vehicles	Biodiesel vehicles
Vehicle procurement decision support (e.g. suitability analysis, vehicle specs, etc.)					
Fueling infrastructure procurement decision support (e.g. siting and needs assessment, usage of public/private stations, setting up payment systems, etc.)					
Vehicle financing methods and incentives					
Infrastructure financing methods and incentives					
Additional requirements to consider for inclusion in procurement documents (e.g. warranty, training, maintenance, and service agreements)					
Operations best practices (e.g. driver training, vehicle dispatching, optimization for fleet needs, etc.)					
Maintenance best practices					
Other: _____					

14. Comments:
