

# Clean Fuels & Fleet Transition Listening Session

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# Key Drivers for Electrification & Clean Fuels



## Environmental Impact

Significant reduction in pollution and greenhouse gas emissions



## Operational Efficiency

Lower cost of ownership through reduced fuel and maintenance expenses



## Energy Independence

Diversifying fuel sources, away from a volatile fossil fuel market

# Introduction to the Maryland Clean Cities and Communities Coalition (MDCC&C)

## What is Clean Cities and Communities (CC&C)?

- CC&C is a U.S. Department of Energy (DOE) national partnership to advance alternative transportation nationwide.
- More than 75 DOE-designated CC&C coalitions work locally in urban, suburban, and rural communities to strengthen the nation's environment, energy security, and economic prosperity.

## MDCC&C Mission:

- **Mission:** Work with vehicle fleets, fuel providers, utilities, community leaders, and other stakeholders to support cost-effective, energy-efficient, and low-emission transportation solutions across all clean fuels and technologies, including electric, hydrogen, renewable diesel, propane, CNG, and hybrid systems.

## MDCC&C Goals:

- Enhance Stakeholder Engagement
- Expand Clean Vehicle Fuel Pathway Options and EV Infrastructure Adoption
- Strengthen Organizational and Technical Capacity



# Listening Session Discussion Prompts



# Vision & Big-Picture Context

1. What does a “successful clean fleet transition” look like for your organization in 5–10 years?
2. What outcomes matter most to your fleet/organization (e.g., cost savings, emissions reductions, reliability, operational improvements)?
3. How do clean transportation goals support your fleet/organization’s broader mission or mandates?

# Planning & Decision-Making

1. What internal factors influence your decisions around clean fuel or cleaner vehicle adoption?
2. How do you evaluate new vehicle technologies before piloting or purchasing?
3. What planning tools, datasets, or guidance would help you make more informed decisions?

# Clean Fuels & Technology Pathways

1. Which clean fuels/technologies (*EVs, hydrogen, propane, CNG/RNG, biofuels, hybrids*) seem most feasible for your fleet and why?
2. What operational changes have you experienced or anticipate (routing, maintenance, staffing)?
3. What lessons learned or best practices would you share with other fleets?

# Infrastructure, Costs & Market Realities

1. What infrastructure challenges (fueling, charging, facilities) are most difficult to overcome?
2. How do cost, vendor availability, or market uncertainty affect your planning?
3. What would make infrastructure deployment or vendor coordination easier?

# Support Needs & Next Steps

1. What types of support or funding would be most helpful from MEA or partners?
2. What resources, trainings, or case studies would help you move forward?
3. What should the State prioritize to better support fleet transitions?

# Learn More About MEA Programs!

MEA offers expertise and advice to match your needs to electrify with available programs and financial support.

