

Increasing Midwestern Energy Production & Achieving Low Cost Energy

Growing and Diversifying the
Transportation Fuels Mix

Breakout Session

Friday June 29



Purpose of the Session

1. Begin developing work plans for next 1 – 3 years
2. Begin identifying key partners in addition to states
3. Begin identifying potential funding sources
4. Identify which states are part of this group



Key Challenges and Opportunities from State Interviews

- *Challenges:* adequate infrastructure, assessing market demand, addressing regulatory barriers
 - *Opportunities:* vehicle manufacturing, state fleet purchases, consumer savings, infrastructure build-out, access to new markets, increased regional penetration
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Straw Man MGA Work Plan on Growing and Diversifying the Transportation Fuels Mix

- **Broaden information sharing on alternative transportation**
 - How are states addressing infrastructure deployment, technology manufacturing and rules/regulations to implement alternative transportation goals?
 - How do they support the development of new industry clusters, such as advanced batteries or EV manufacturing?
 - How are states assessing consumer demand for alternative fuels/vehicles? Identify gaps between demand and alternative transportation deployment.



Straw Man MGA Work Plan on Growing and Diversifying the Transportation Fuels Mix

- **Collect data and map alternative transportation corridors:**
 - Infrastructure deployment for alternative fuels
 - Identify pilot projects in different cities for making connections to alternative fueling infrastructure.
 - Will the efforts that are currently underway add up to a coherent refueling infrastructure?



Straw Man MGA Work Plan on Growing and Diversifying the Transportation Fuels Mix

- **Share best practices and address barriers to biofuels development:**
 - This might mean taking a regional approach to biofuels infrastructure development.
 - Share approaches and best practices for removing barriers to increased biofuel blends such as encouraging the implementation of E15 and B20.
 - Work together to identify state-specific rules and regulations that need to be changed or modified to increase biofuel blending capabilities. Learn from steps taken by other states in the region such as Iowa or Kansas.



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- **Increase collaboration and develop regional branding for biorenewables:**
 - Share information about biorenewable (biofuels, biobased products, biobased chemicals) research underway at state universities and link the research initiatives in the region.
 - Brand regional bio resources to provide access to new markets for biorenewables produced in the region.



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- **Explore opportunities to enhance the alternative vehicle manufacturing supply chain:**
 - The current vehicle manufacturing supply chain is regional and parts of the alternative vehicle manufacturing supply chain are already developing in different states.
 - Develop a map or an information resource to identify where alternative vehicle manufacturing is occurring in the region. Identify gaps and new manufacturing opportunities.

