

**Federal Highway Administration Intermountain Western Alternative Fuels Corridor Convening**  
*Designing Partnerships for Corridor Development: Stakeholder Roles and Responsibilities*

Federal Highway Administration Intermountain Western Alternative Fuels Corridor Convening Designing Partnerships for Corridor Development: Stakeholder Roles and Responsibilities									
Breakout Groups	Transportation Planning			Market Development			Outreach and Public/Private Partnerships		
Stakeholders	State Department of Transportation	Metropolitan Planning Organization/Council of Governments	FHWA (Headquarters [HQ]/Division Office [DO])	Technology/Fuel Provider	Utility	End-User	Clean Cities, Associations, Nonprofits	Energy/Environment Office	Policy Maker
Role in Corridor Planning and Development	<ul style="list-style-type: none"> <li>- <b>Funding Distribution:</b> Administer alternative fuel corridor funding opportunities</li> <li>- <b>Awareness:</b> Install signage along alternative fuel corridors</li> <li>- <b>Data Source:</b> Collect and present data on travel patterns and other corridor information</li> <li>- <b>Lead:</b> Integrate alternative fuel corridor considerations into State Freight Plans and Long Range Transportation Plans (LRTPs)</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Resource Prioritization:</b> Prioritize resources and funding for alternative fuel corridor projects</li> <li>- <b>Planning Support:</b> Address infrastructure gaps along corridors in planning documents</li> <li>- <b>Collaboration:</b> Work collaboratively with other partners to submit corridor nominations</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Guide (HQ):</b> Provide guidance and support to partners developing corridors</li> <li>- <b>Collaboration (HQ &amp; DO):</b> Work with partners to implement alternative fuel corridors</li> <li>- <b>Awareness (HQ):</b> Collect and share best practices from around the country</li> <li>- <b>Funding Distribution (DO):</b> Administer Federal-Aid Highway Program funding</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Fuel Provider:</b> Generate, export, and transport alternative fuels</li> <li>- <b>Innovation:</b> Advance alternative fuel technological development</li> <li>- <b>Awareness:</b> Educate and share information on the functionality of alternative fuels and technology</li> <li>- <b>Data Source:</b> Provide power rates, training, technological and financial assessments, and market reliability information</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Incentive Provider:</b> Provide incentives and investment for infrastructure installation</li> <li>- <b>Data Analysis:</b> Provide analysis on capacity planning such as electricity distribution, the lining process, and build out</li> <li>- <b>Awareness:</b> Serve as a resource to support policies related to corridors</li> <li>- <b>Renewable Energy Provider:</b> Build out renewable energy options to support the electric grid</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Fund:</b> Provide capital expenditure to support alternative fuel corridor projects</li> <li>- <b>Leader:</b> Commit to use alternative fuels and affect market trends by publicizing use</li> <li>- <b>Demonstrate:</b> Prove alternative fuel vehicle investments are cost effective through purchases</li> <li>- <b>Site:</b> Provide location for alternative fuel corridor sites</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Facilitation:</b> Maintain relationships with alternative fuel stakeholders</li> <li>- <b>Awareness:</b> Educate about alternative fuels and corridors</li> <li>- <b>Advocate:</b> Lobby on behalf of local interests</li> <li>- <b>Convene:</b> Convene appropriate partners to facilitate corridor planning</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Funding Distribution:</b> Manage and distribute funding through grants and other mechanisms</li> <li>- <b>Guide:</b> Establish policies and programs to support alternative fuel use</li> <li>- <b>Collaboration:</b> Work regionally and statewide with other agencies on corridors</li> <li>- <b>Planning Support:</b> Use research and technology to make informed corridor-planning decisions</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Funding Distribution:</b> Allocate resources effectively to support public interest</li> <li>- <b>Oversight:</b> Provide oversight of alternative fuel programs</li> <li>- <b>Collaboration:</b> Work in a bipartisan manner to set goals and mandates</li> <li>- <b>Decision-Making:</b> Consider many factors including the environment, the economy, and any externalities resulting from policy</li> </ul>
Support and Resources Needed for Corridor Development	<ul style="list-style-type: none"> <li>- <b>Best Practices:</b> Curated corridor resources such as case studies, reports, and maps</li> <li>- <b>Flexibility:</b> Flexibility to discuss designation criteria</li> <li>- <b>Legislative Support:</b> Legislative support on issues such as infrastructure in the right-of-way, alternative fuel corridor funding, etc.</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Buy-In:</b> Buy-in from members</li> <li>- <b>Support:</b> Develop goals in regional transportation plans; support state goals</li> <li>- <b>Public Input:</b> Public feedback through community engagement meetings</li> <li>- <b>Technical Capacity:</b> Ability to conduct technical analysis or feasibility studies</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Technical Assistance (HQ):</b> Provide information to Congressional inquiries when requested on corridor program</li> <li>- <b>Leadership Support (HQ/DO):</b> Support for corridors at the executive and leadership levels</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Clarification:</b> Understanding applicable tariffs and rates and having clear expectations from government agencies and market participants</li> <li>- <b>Support:</b> Support from utilities and alternative fuel suppliers</li> <li>- <b>Input:</b> Guidance from stakeholders that can better inform fuel and technology solutions</li> <li>- <b>Price:</b> Viable costs of alternative fuels</li> <li>- <b>Consistency:</b> Reasonable and consistent code and code enforcement, fuel neutral goals, and balanced policies</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Educational Materials:</b> Effective training and educational programs for customers to raise awareness</li> <li>- <b>Coordination:</b> Coordination among utilities</li> <li>- <b>Consistency:</b> Guaranteed market and demand for energy</li> <li>- <b>Insights:</b> Understanding of customer demands and utilization patterns</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Buy-In:</b> Making the business case and addressing the price gap between capital expenditures and operating expenses</li> <li>- <b>Legislative Support:</b> Enabling policies to support alternative fuel vehicles and technological advancement</li> <li>- <b>Incentives:</b> Financial and other incentives for alternative fuel use</li> <li>- <b>Involvement:</b> Need to be included "in the room" when decisions are made</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Consistency:</b> Need to stay fuel neutral</li> <li>- <b>Incentives:</b> Financial incentives, funding packages, and more financial investments in corridors</li> <li>- <b>Coordination:</b> Opportunities to collaborate with and train corridor stakeholders</li> <li>- <b>Data Access:</b> Access to corridor data from research agencies and national laboratories</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Funding Support:</b> Increased funding for staff and those involved in program operations</li> <li>- <b>Leadership Support:</b> Clear priorities from agency leadership; development of vehicle emission and energy reduction information</li> <li>- <b>Authority:</b> Delegated authority to create and administer programs</li> <li>- <b>Training:</b> Access to technical resources, knowledge, and academic material on alternative fuels</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Public Support:</b> Support for alternative fuel initiatives from constituents</li> <li>- <b>Education:</b> Opportunities to learn unbiased information about alternative fuels</li> <li>- <b>Application Examples:</b> Alternative fuel case studies, research, white papers and reports, and "real-world" applications</li> <li>- <b>Policy Examples:</b> Access to alternative fuel policies, regulations, and legislation by state</li> </ul>
Three to Five Critical Steps for Coordination and Planning	<ul style="list-style-type: none"> <li>- <b>Distribute Information:</b> Publish more data to inform corridor development and distribute information to the public</li> <li>- <b>Collaborate:</b> Work with utilities, and other alternative fuel infrastructure providers, to determine costs of siting infrastructure</li> <li>- <b>Inform:</b> Make the business case for siting infrastructure at gas stations, truck stops, and other viable locations</li> <li>- <b>Educate:</b> Educate the public on alternative fuel corridors and alternative fuel technologies available.</li> <li>- <b>Lead:</b> Lead by example by transitioning fleets to alternative fuel vehicles</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Plan:</b> Develop regional transportation plans to include corridor development goals with member and public input</li> <li>- <b>Study:</b> Conduct necessary feasibility and planning studies to support coordination, planning, and development</li> <li>- <b>Identify Funding:</b> Work with the state department of transportation to identify funding mechanisms to incentivize corridor development</li> <li>- <b>Implement:</b> Develop state implementation plan to advance corridor development</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Educate (HQ &amp; DO):</b> Develop marketing solutions to publicize designated corridors</li> <li>- <b>Fund (HQ &amp; DO):</b> Fund corridor planning efforts</li> <li>- <b>Inform (HQ &amp; DO):</b> Help partners make the business case for corridors</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Plan:</b> Use existing tools to identify infrastructure gaps</li> <li>- <b>Collaborate:</b> Include more partners during infrastructure build-out to support needs</li> <li>- <b>Inform:</b> Develop and vet applications for corridor designations</li> <li>- <b>Build:</b> Build out infrastructure along corridors using a strategic location approach</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Incentivize:</b> Develop electric vehicle incentive policies and programs and design cost-effective rate programs</li> <li>- <b>Invest:</b> Dedicate resources to design and engineer planning programs</li> <li>- <b>Plan:</b> Identify infrastructure site locations and achieve necessary permitting</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Lead:</b> Be willing to try and demonstrate new technologies to create future demand</li> <li>- <b>Share:</b> Develop best practices and a team to support alternative fuel corridor implementation</li> <li>- <b>Collaborate:</b> Identify public and private partners and opportunities to share access to fueling</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Support:</b> Develop letters of support for corridor designation applications</li> <li>- <b>Collaborate:</b> Hold meetings with local alternative fuel stakeholders</li> <li>- <b>Educate:</b> Educate stakeholders on alternative fuels and corridor planning tools</li> <li>- <b>Plan:</b> Work with stakeholders to identify and fill infrastructure gaps</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Educate:</b> Become more educated on alternative fuel corridor planning tools</li> <li>- <b>Collaborate:</b> Strengthen regional coordination and improve public and private partnerships</li> <li>- <b>Lead:</b> Purchase alternative fuel vehicles and infrastructure and encourage usage in contracts</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Lead:</b> Issue policies related to alternative fuels with specific requirements</li> <li>- <b>Communicate:</b> Use language that aligns with stakeholder values in messaging and communications about alternative fuels</li> <li>- <b>Fund:</b> Set aside public funding and provide incentives for alternative fuels and corridors</li> <li>- <b>Collaborate:</b> Organize roundtables with bipartisan groups to address alternative fuels</li> </ul>