



# Houston to Los Angeles (H2LA) Local Project Advisory Group

## Community Concerns and Priorities

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August 28, 2024

# Agenda

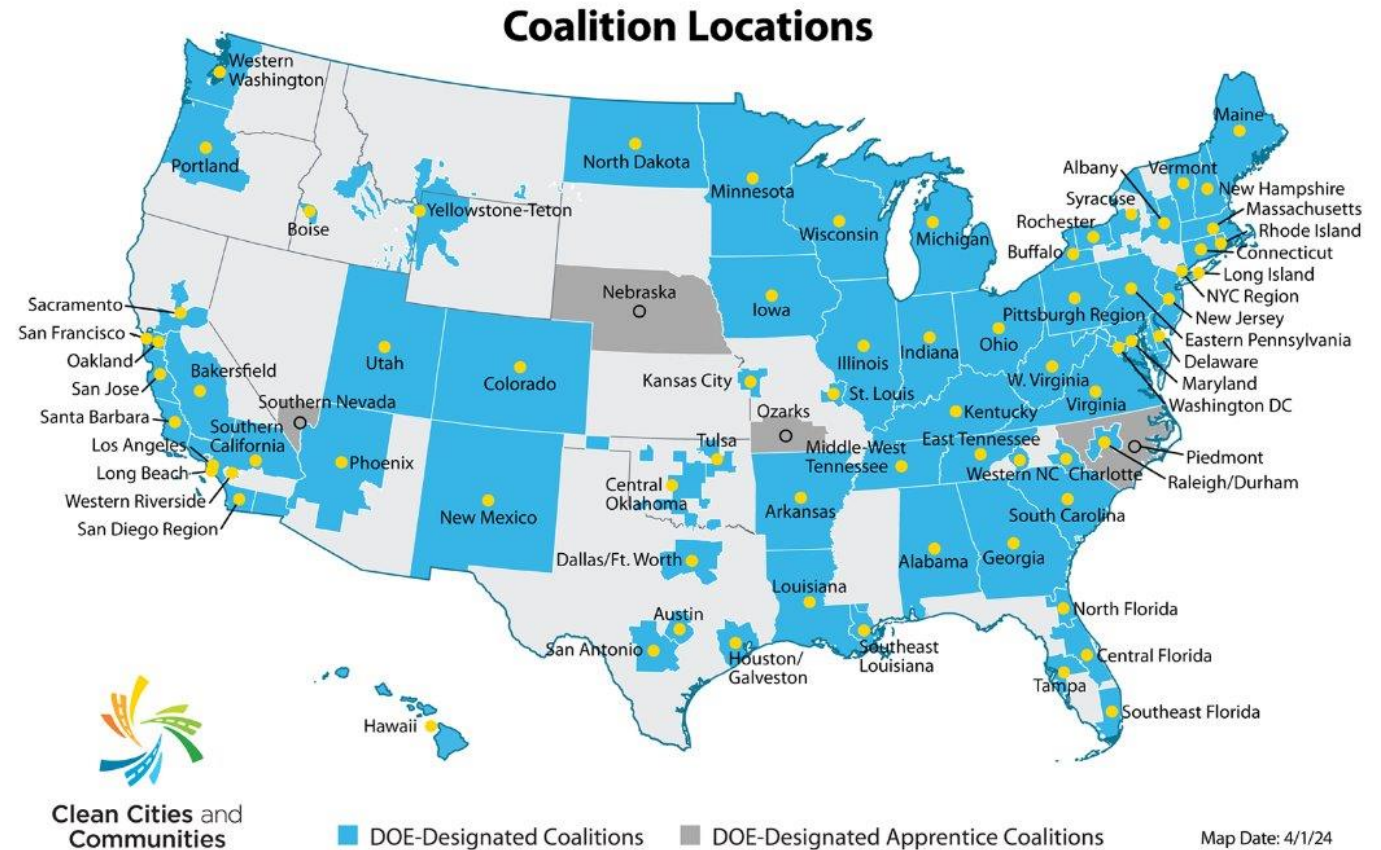
- Welcome and Roundtable Introductions
- Brief Project Overview
- Previous Meeting Recap
- Community Concerns and Priorities Discussion
- Wrap-Up and Next Steps

# Practices for Productive Meetings

- Respect when others have the floor.
- Keep feedback relevant and concise.
- Listen to other points of view and try to understand other interests.
- Share information openly, promptly, and respectfully.
- Remain flexible and open-minded and actively participate in meetings.

# Clean Cities and Communities

- U.S Department of Energy, Vehicle Technology Office (VTO)
- More than 75 active coalitions
- Goal: Help local decision-makers and fleets understand and implement alternative fuels

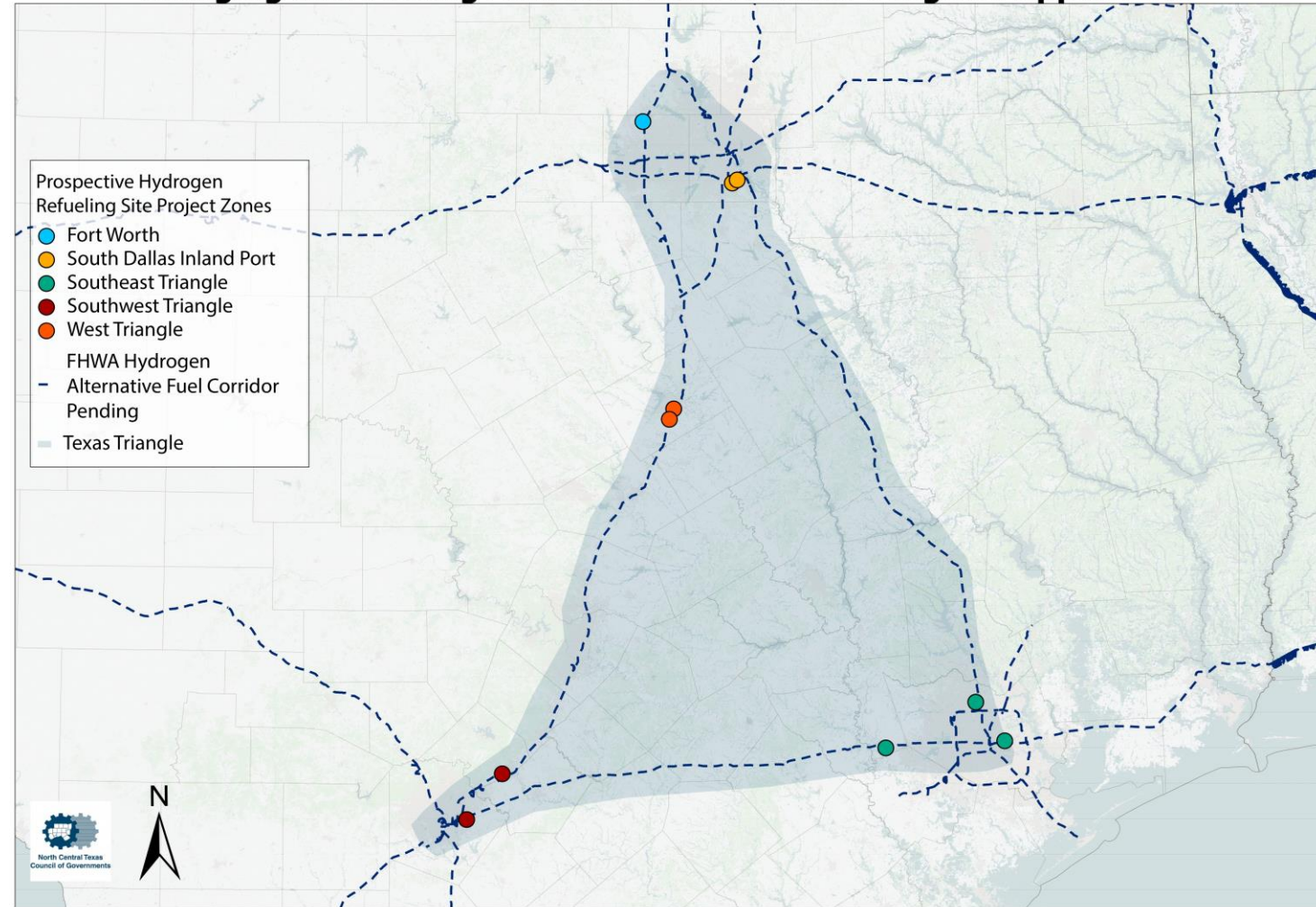


# NCTCOG CFI Corridor Project Scope

Construct up to 5 publicly accessible medium/heavy-duty hydrogen refueling stations

| Project Zone       | Potential Locations<br>(Existing Truck Stops) |
|--------------------|---|
| Dallas             | City of Dallas                                |
| Fort Worth         | City of Fort Worth                            |
| West Triangle      | City of Waco<br>City of Robinson              |
| Southwest Triangle | City of San Antonio<br>City of New Braunfels  |
| Southeast Triangle | City of Brookshire<br>City of Houston         |

Charging and Fueling Infrastructure Corridor Program Application



January 2024

# Project Overview

## Objectives

- Build computer models for vehicle, fueling infrastructure, and operational data
- Establish a hydrogen fueling and heavy-duty freight truck network leveraging this fueling infrastructure in the Texas Triangle and I-10 corridor from Houston to Los Angeles

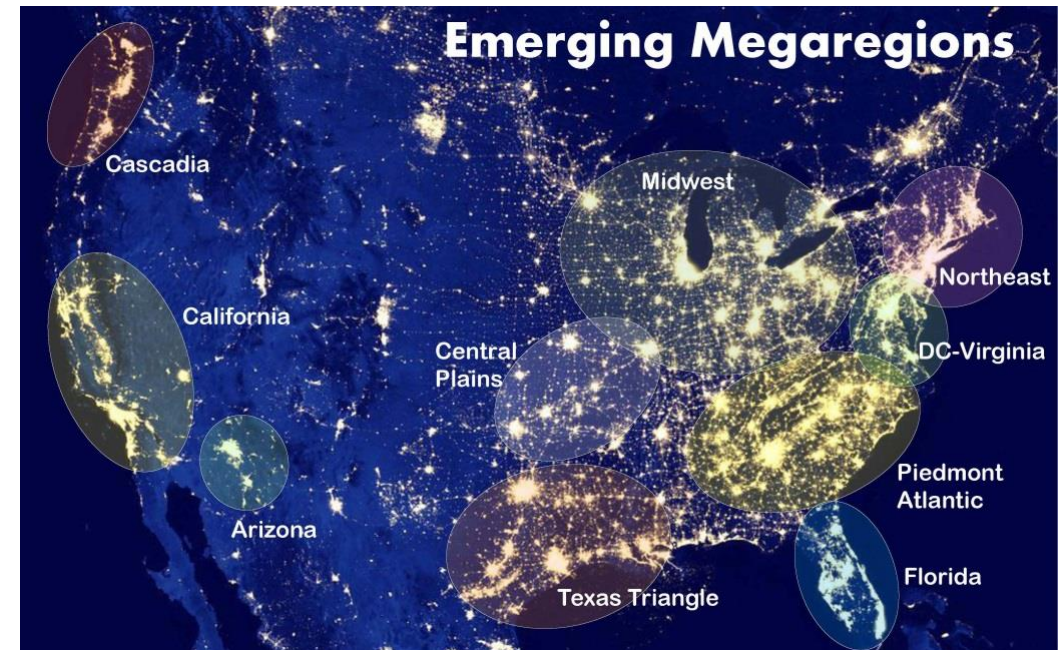


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# Project Overview

## Objectives

- Assess community needs and benefits through Diversity, Equity, Inclusion and Accessibility (DEIA), Energy Equity (EE) and Workforce Implications (WI) effort
- Engage impacted communities to gather input and conduct outreach
- Develop a replicable and catalytic blueprint for other corridors and megaregions
- Disseminate findings to relevant stakeholders
- Q3 2025 completion



# Community Benefits Plan

## GTI Energy

Community Benefits Team with expertise in community and stakeholder engagement, planning, and environmental engineering to successfully address environmental, societal and economic needs during the energy transition.

North Central Texas Council of Governments (NCTCOG)

Alamo Area Council of Governments (AACOG)

Western Riverside Council of Governments (WRCOG)

## SMART Goals

1. Local Project Advisory Group (LPAG) to identify concerns and priorities of community organizations and stakeholders
  - a. Plan community efforts, both rural and urban
  - b. Community benefits and disbenefits
2. Develop community and public safety guidelines
  - a. Identify updates to safety and health protocols
  - b. Identify needed skills training, credentialing, and educational curricula to meet workforce needs
3. Public dissemination of information about the project
  - a. Accessible information with minority serving institutions



# Kickoff Meeting Overview – June 2024

- Introductions and overview
- Context for hydrogen
- What we heard: Feedback on key topics:

| <b>Community Concerns and Priorities</b><br>August 28, 2024  | <b>Public Health and Safety</b><br>November 6, 2024  | <b>Workforce, Training, and Education</b><br>February 20, 2025   |
|--|--|--|
| <ul style="list-style-type: none"> <li>• Location of fueling stations and avoiding stranded assets</li> <li>• Existing conditions, specific community issues, and community burden</li> <li>• Local community benefits and disbenefits from H2</li> <li>• Placement of individual sites (potential for stranded assets)</li> <li>• Funding, economic impacts, job</li> </ul> | <ul style="list-style-type: none"> <li>• Potential fire risks</li> <li>• Comparison between H2 and fossil fuels</li> <li>• Intersection with local chronic disease</li> <li>• Impact of local hydrogen production</li> <li>• Benefits and disbenefits</li> <li>• Ongoing research on health impacts</li> </ul> | <ul style="list-style-type: none"> <li>• Pathways for students and gaps in existing curricula/training</li> <li>• Training for existing professionals</li> <li>• Emergency response training</li> <li>• Technical, policy, and planning perspectives – all have different needs</li> <li>• Schools and programs</li> </ul> |

# Group Discussion

- Heavy focus on local considerations and impacts, not hydrogen fueling in general
- DFW impacts specifically but need to consider regional impacts and climate change.

## Community Concerns and Priorities

- Location of fueling stations and avoiding stranded assets
- Existing conditions, specific community issues, and community burden
- Local community benefits and disbenefits from H2
- Placement of individual sites (potential for stranded assets)
- Funding, economic impacts, jobs

# Discussion points

## Existing concerns and priorities for your community

- What are your existing relationships with trucking/freight corridors, sites, and facilities
- Think about some current, high-priority issues in your community:
  - What issues are related to local environmental impact (more local actions)?
  - What issues are related to climate change or other more broad impacts?
  - What issue are related to economic, education, and workforce?

# Discussion points

## Corridor and local impacts from trucking and fueling

- What concerns do you have about impacts from heavy-duty trucking? Air quality related and others.
- What questions or concerns do you have about hydrogen corridor and refueling sites for trucking? Is there an opportunity for these sites to address existing issues presented by petroleum fueling sites?

# Discussion points

## Opportunities to address issues

- Are there opportunities for heavy-duty trucking to play a role in improving community conditions?
  - Local benefits?
  - Regional/global benefits?
  - Could these address the impacts identified during this discussion?

# Discussion points

## Hydrogen production and transportation

- What are the perspectives on hydrogen production and transportation?
  - Method of production
  - Location of production (on-site/off-site)
  - Transportation of fuels

# Discussion points

## **Economic impacts, jobs, and workforce:**

- What kind of jobs do you have with existing refueling stations?
- Job opportunities and training for hydrogen corridor and refueling stations

# Wrap-up and Next Steps

- Next Meeting: November 6, 2024
- Next Meeting Topic: Public Health & Safety

## Future Meeting Dates and Topics:

| Date              | Topic  |
|-------------------|--|
| June 5, 2024      | Introduction and Overview                              |
| August 28, 2024   | Community Perspectives and Priorities                  |
| November 6, 2024  | Public Health & Safety                                 |
| February 20, 2025 | Workforce, Training, and Education                     |
| May 7, 2025       | Update on Community Identified Priorities and Modeling |
| July 2, 2024      | Site-Specific Considerations                           |
| August 21, 2024   | Wrap up  |





# Contact Us



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