

OBSTACLE



AEG CHICAGO 21Q4 OBSTACLE

REGARDING MOBILITY & TRANSPORTATION, TO ACHIEVE CHICAGO'S CARBON & EQUITY GOALS, A CRITICAL OBSTACLE TO OVERCOME IS ...

The high cost and low supply of decarbonized hydrogen, which could serve as the key decarbonized fuel throughout the heavy transportation and logistics sectors of Chicago.



- JON HOREK
DIRECTOR OF HYDROGEN
PROJECT DEVELOPMENT

Invenergy

SOLUTION



AEG CHICAGO 21Q4 STAKEHOLDER DINNER TASK FORCE CHALLENGE

PROPOSED 12 MONTH SOLUTION:

Publish Chicago H2 hub roadmap to share with state and local lawmakers

M1: Publish task force white paper of current publicly known regional hydrogen activities.

M2: Publish task force white paper benchmarking regional activity and policy vs. other emerging global H2 hubs.

M3: Host virtual Chicago H2 hub coordination panel discussion.

OBSTACLE



AEG CHICAGO 22Q1 SELECTED OBSTACLE

REGARDING CRITICAL INFRASTRUCTURE, EQUITY & RESILIENCE, TO ACHIEVE CHICAGO'S CARBON & EQUITY GOALS, A CRITICAL OBSTACLE TO OVERCOME IS ...

Bringing diverse stakeholders together to develop the leading hydrogen hub proposal & attract federal dollars that will establish a hydrogen infrastructure network to advance the climate leadership of the state.



- COLLEEN WRIGHT
VICE PRESIDENT, CORPORATE
STRATEGY



SOLUTION



AEG CHICAGO 22Q1 STAKEHOLDER CHALLENGE: CRITICAL INFRASTRUCTURE, EQUITY & RESILIENCE

SELECTED 12 MONTH SOLUTION:

H2 FOA Ready!

- M1:** Develop a GIS Storymap to ID and recruit relevant stakeholders
- M2:** Facilitate round table to gain commitments from private and public stakeholders
- M3:** Develop analysis of specific environmental and equity benefits of proposal

- TABLE # 1

TASK FORCE UPDATE - 21Q4/22Q1 HYDROGEN HUB

12-MONTH SOLUTION:

Publish regional hydrogen roadmap to share with state/local lawmakers, nonprofit, and business leaders

CURRENT MILESTONE:

H2 public outreach panel with 22Q1 TF planned for Aug 25 webcast

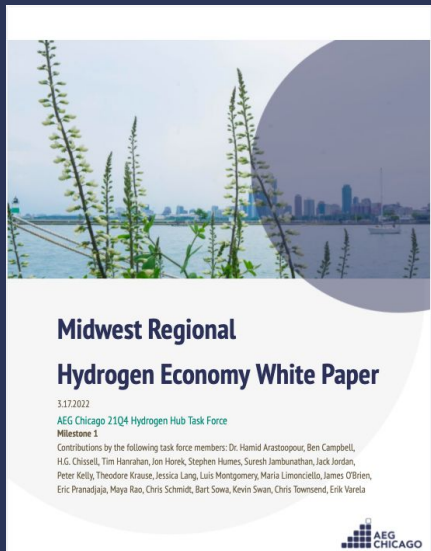
NEXT MILESTONE:

Roadmap to regional H2 development

- Completed Milestone 1 white paper “Midwest Regional Hydrogen Economy” 3/17/22
- Completed Milestone 2 whitepaper “Global Benchmarking” was issued 5/5/22
- Milestone 3 panel webcast is scheduled for August 25th (2pm) topic “Development of Midwest Hydrogen Hub industrial infrastructure”. Recording of panel discussion will be posted for view after the event
- Working on format for Milestone 4 “roadmap to regional H2 development” to include top ten advantages/challenges and infographic highlighting existing and needed infrastructure

WHITE PAPERS BY 21Q4 HYDROGEN HUB TF

Milestone 1



Midwest Regional

Hydrogen Economy White Paper

3.17.2022

AEG Chicago 21Q4 Hydrogen Hub Task Force
Milestone 1

Contributions by the following task force members: Dr. Hamid Arastoopour, Ben Campbell, H.G. Chiswell, Tim Hararati, Jon Hozek, Stephen Kimes, Suresh Jambanathan, Jack Jordan, Peter Kelly, Theodore Krause, Jessica Lang, Luis Montgomery, Maria Limonciello, James O'Brien, Eric Pranadajaja, Maya Rao, Chris Schmidt, Bart Sowa, Kevin Swan, Chris Townsend, Erik Varela



Midwest Regional Hydrogen Economy White Paper

Milestone 2



Midwest Regional Hydrogen Economy Global Benchmarking

5.5.2022

AEG Chicago 21Q4 Hydrogen Hub Task Force
Milestone 2

Contributions by the following task force members: Ben Campbell, H.G. Chiswell, Kyle Dolan, Jon Hozek, Peter Kelly, Ted Krause, Antonio Kulas, Jessica Lang, Luis Montgomery, James O'Brien, Maya Rao, Megan Rhoades



Midwest Regional Hydrogen Economy Global Benchmarking