

## **MACHH2 RECEIVES NOTICE OF ENCOURAGEMENT FROM DEPARTMENT OF ENERGY, ANNOUNCES CONTINUED GROWTH & SUPPORT IN THE MIDWEST**

*MachH2 has grown to more than 55 public members, representing every stage of the hydrogen value chain and strengthening its bid to develop a clean hydrogen hub in the Midwest*

**CHICAGO (Dec. 27, 2022)** — The Midwest Alliance for Clean Hydrogen (MachH2) announced today that its bid to develop a regional clean hydrogen production and distribution hub, powered by the region’s abundant carbon-free energy, has received a notice of encouragement from the U.S. Department of Energy (DOE). The communication is a signal that MachH2’s initial concept paper, filed in November, meets the DOE’s requirements and has serious potential to be chosen as one of the Department’s six to 10 regional [clean hydrogen hubs](#) across America, part of a larger \$8 billion hydrogen hub program funded through the Bipartisan Infrastructure Law.

“This notice from DOE recognizes the strengths of our alliance and the entire Midwest for establishing a clean hydrogen hub in our region,” said Jay Walsh, Vice President for Economic Development and Innovation, University of Illinois System. “MachH2 is an impressive coalition of leading public and private partners who are committed to building the Midwest’s clean energy economy equitably and bringing more than 100,000 metric tons of clean hydrogen to the region each year. Our alliance will also create good-paying jobs, advance environmental justice, expand inclusive workforce development initiatives, and further regional and national sustainability goals.”

MachH2 is a multistate coalition of public and private entities representing every phase in the hydrogen value chain. The alliance [announced its formation](#) on November 3<sup>rd</sup> with more than 40 members; it has since grown to more than 55 publicly-named organizations. It includes a cross-section of carbon-free energy producers, clean energy developers, hydrogen technology providers, utilities, major manufacturers, national labs and leading hydrogen technology development and deployment institutions, and world-class universities.

Each MachH2 member shares a commitment to promoting equity and furthering the administration’s Justice40 goals through the development of the hub. The Midwest’s location at the crossroads of America and its strong transportation infrastructure make it ideally suited for supplying clean hydrogen nationwide.

A sampling of current MachH2 members is listed below and new alliance members will be added to [this page](#) as they join the coalition.

- ADL Ventures
- Air Liquide
- Ameren Illinois
- American Center for Mobility
- Argonne National Laboratory
- Atlas Agro
- Avina Clean Hydrogen Inc.
- BayoTech

- Big Rivers Electric
- Bloom Energy
- Champaign-Urbana Mass Transit District
- Charbone Hydrogen Corporation
- Chicago Metropolitan Agency for Planning
- Chicago NSBE's The Chicago STEM Foundation
- Chicago State University
- ComEd
- Constellation
- Current
- Detroit/Wayne County Port Authority
- Discovery Partners Institute
- Exelon
- Gevo
- Governors State University
- GTI Energy
- H2 Energy Group
- Holtec International
- Hydrogen Technologies LLC
- Idaho National Laboratory
- Illinois Institute of Technology
- Institute for Work & the Economy
- Invenergy
- LanzaJet, Inc.
- LanzaTech, Inc.
- Marquis, Inc.
- Mass Transportation Authority-Flint
- mHUB
- Michels
- Missouri University of Science and Technology
- Nalco Water, an Ecolab Company
- Nicor Gas
- Nikola Motor
- NiSource Inc
- Northwestern University
- Plug Power Inc.
- Pratt Miller
- Rockwell Automation
- Swagelok Chicago
- Syntex Industries
- The Chicago STEM Foundation
- University of Chicago
- University of Illinois Chicago
- University of Illinois System
- University of Illinois Urbana-Champaign
- University of Kentucky College of Engineering
- University of Michigan
- University of Minnesota Twin Cities College of Science and Engineering
- University of Wisconsin-Madison

MachH2 is also backed by a bipartisan group of legislators from across the Midwest.

When made with clean energy, hydrogen is an essential resource in meeting our nation's goal of achieving net zero emissions by 2050. MachH2 will employ electrolysis technology, powered by the Midwest's abundant nuclear and other carbon-free energy sources, to separate the hydrogen and oxygen molecules in water. Hydrogen can be used to reduce emissions from multiple difficult-to-decarbonize sectors of the economy, including aviation, steelmaking, agriculture, and long-haul transportation.

Clean hydrogen hub applications are due to the Department of Energy by April 7, 2023.

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Learn more: [MachH2.com](http://MachH2.com)