protoH$_2$ub

Industrial Affiliates Program

The University of Texas at Austin
Center for Electromechanics
Cockrell School of Engineering

GTI ENERGY

WHY JOIN THE HYDROGEN PROTOHUB INDUSTRIAL AFFILIATES PROGRAM?

Become a Hydrogen ProtoHub member with a three-year commitment for $225k, or $80k per year to gain the following benefits:

- **University / Industry Partnership**
- **Student & Key Stakeholder Recruitment**
- **Set Technical & Program Goals**
- **Access to Data & Technical Exchange**
- **Training, Education, & Outreach Opportunities**

The **Hydrogen ProtoHub** is a collaborative research facility co-managed by **The University of Texas at Austin's Center for Electromechanics,** and **GTI Energy.** The facility showcases hardware and technologies to advance the hydrogen energy economy in Texas and beyond. The Hydrogen ProtoHub is located at the world-renowned and publicly accessible UT Austin's J.J. Pickle Research Campus.

The Hydrogen ProtoHub includes on-site hydrogen generation, storage, distribution, and multiple end-use applications (e.g., mobility, power generation, and blending with natural gas). The facility serves as a proving ground for hydrogen energy technologies through R&D, training, education, and outreach.

Program membership will allow your company the unique access to a first-of-its-kind networked renewable hydrogen ecosystem with the following advantages:

- Membership in the Hydrogen ProtoHub Executive Advisory Council.
- Facility access for site tours, as well as demonstrations and testing projects, including fueling station access.
- Access to project reports, data, models, and outcomes.
- Future training for codes & standards, hydrogen equipment installation, and control systems.
- Utilization and leverage of facilities for grant applications.
- Quarterly update meetings, special events, and annual workshops.

Executive Advisory Council responsibilities will include team assistance with:

- Setting technical priorities for Hydrogen ProtoHub operations.
- Establishing and reviewing program research and technical goals.
- Assisting in maintaining safety standards.
- Identifying and recruiting new Hydrogen ProtoHub IAP members and stakeholders.

Hydrogen ProtoHub sponsorship provides the broadest access possible for a multifaceted technical R&D program that addresses the many needs for advancing the hydrogen economy, including:

- Hydrogen networks & digital modeling.
- Clean hydrogen production.
  - New production will expand site capabilities.
- Hydrogen delivery systems.
  - Blended hydrogen, pure hydrogen delivery utilizing on-site distribution network.
- Training, education, and outreach.
  - The best “hands-on” hydrogen system installation available in the region for design engineers, AHJ’s, and safety officials.
- Mobility and fueling infrastructure.
  - Fast-fuel capabilities and expanded fueling capacity is planned.
- Hydrogen emissions test facility.
  - The site will support testing and validating new hydrogen emissions detection systems.

CONTACT US

Michael C. Lewis, M.S.
UT Austin’s Center for Electromechanics, Director
mclewis@cem.utexas.edu
(512) 232-5715

Susan Stuver, Ph.D. BCES
GTI Energy, Director, Collaborative Programs
sstuver@gti.energy
(210) 473-6114