



HOUSTON ENERGY
TRANSITION INITIATIVE

2025
FIVE YEARS OF
ENGAGEMENT & IMPACT

GREATER HOUSTON **PARTNERSHIP**



HOUSTON ENERGY TRANSITION INITIATIVE

MORE ENERGY, LESS EMISSIONS

EXECUTIVE MEMBERS

Baker Hughes 



ExxonMobil



wood.



MEMBERS



PARTNERS



LETTER FROM BOBBY TUDOR

As we close out another transformative year for the Houston Energy Transition Initiative (HETI), I am struck by how far we have come—and how purposefully our work must continue. When we launched HETI just a few years ago, it was with the conviction that Houston could and must lead in delivering more energy with fewer emissions. What began as an ambitious idea has grown into a dynamic coalition of industry, innovators, researchers, and community partners working together to position Houston at the forefront of the global energy transition. Today, our region is widely recognized as a leader not only in traditional energy, but in emerging sectors like carbon management, advanced nuclear, geothermal, and clean hydrogen.

Since HETI's launch, we have seen the impact of that leadership accelerate. Houston attracted billions in new capital investment and thousands of new energy jobs. Our innovation ecosystem expanded to more than 320 energy and climate-tech startups supported by over 35 incubators and accelerators; we deepened our relationships with the U.S. Department of Energy's National Labs, and we launched Houston Energy & Climate Startup Week—further cementing our position as the world's leading hub for energy innovation. We also continued building industry alignment on critical issues such as operational decarbonization, carbon capture, use and sequestration, low-carbon chemicals, and regional power resiliency and reliability. These accomplishments reflect the strength of Houston's energy community and the commitment of so many partners advancing solutions across the energy value chain.

And yet, despite this progress, our work is far from complete. Global energy demand continues to rise both in the developing and developed world, new sources of demand like artificial intelligence and data centers are reshaping the power landscape, and markets and regulatory frameworks are evolving rapidly. To maintain our leadership, Houston must continue to innovate, invest, and collaborate at an unprecedented pace. HETI and the Partnership remain committed to convening industry, informing policy, and driving economic development that strengthens both our incumbent energy businesses and our emerging sectors. As we look ahead, I invite you all to engage in this work. Together, we will ensure that Houston continues to lead the world in energy—today, through the transition, and for generations to come.

Bobby Tudor

Chairman, **Houston Energy Transition Initiative**
CEO, **Artemis Energy Partners**



REFLECTING ON HETI'S JOURNEY

June 2021

The Greater Houston Partnership hosts its first annual Future of Global Energy conference, unveiling a strategy developed with support from McKinsey & Company, and announcing the launch of the Houston Energy Transition Initiative (HETI).

January 2022

HETI officially welcomes inaugural 19 member companies across the energy value chain to implement its new strategy.

October 2022

HETI publishes a report on Houston's leadership in energy transition finance.

March 2024

HETI and the Greater Houston Partnership enter into an MOU with Argonne National Lab to drive greater collaboration between industry, academia and our National Labs to advance energy and decarbonization innovation and commercialization.

2021

2022

2023

2024

March 2022

HETI hosts the first annual Energy Ventures Pitch Competition at CERAWEEK.

December 2022

HETI teams up with the Mission Possible Partnership, with support from the Bezos Earth Fund, to accelerate industrial decarbonization in the Houston region.

March 2023

HETI partners with the Houston Advanced Research Center (HARC) and Sallie Greenberg Consulting to develop and publish a framework and toolkit for improved stakeholder and community engagement for energy project development.

HOUSTON ENERGY TRANSITION INITIATIVE IN REVIEW

Over the past five years, the Houston Energy Transition Initiative has transformed a bold regional vision into tangible progress. What began as a commitment to position Houston as the global leader in the energy transition has evolved into a powerful coalition driving innovation, investment, and collaboration across industries. This timeline highlights the milestones, partnerships, and breakthroughs that have shaped HETI’s journey and that will build the next decade of energy leadership.

SINCE HETI LAUNCHED

30+

energy company members, ecosystem partners, universities engaged

75+

media interviews, positioning Houston as a global leader in energy transition

200+

convenings with industry, academia, government, non-profit and community leaders, locally and globally

The Partnership landed

44 energy economic development wins

\$4.4bn capital investment / \$14.3bn economic impact

Houston innovation ecosystem grew to over

320+ energy and climate startups

June 2024

In partnership with Mission Possible Partnership and Rocky Mountain Institute, HETI releases a report evaluating future industrial electricity demand in greater Houston as part of HETI’s efforts to accelerate a future of abundant and low-carbon electricity.

October 2024

In partnership with HETI, Mission Possible Partnership and Rocky Mountain Institute publish a report on facility-level strategies to reduce Scope 1 emissions from heavy industry in greater Houston.

April 2025

HETI partners with the Houston CCS Alliance to commission a study by Texas A&M University’s Energy Institute and Mary Kay O’Connor Process Safety Center on the operational history and academic literature of carbon capture and storage safety in the United States.

August 2025

HETI publishes a report on HETI members’ low carbon efforts and commitments, including \$95 billion in low carbon investments since 2017.

September 2024

HETI partners with Halliburton Labs, Greentown Labs and Rice Alliance to host the first annual Houston Energy and Climate Startup Week, showcasing innovators and entrepreneurs in energy and climate tech in front of an audience of global investors.

November 2024

HETI hosts the first annual workshop with Gulf Coast industry leaders, academic institutions and four national labs to foster collaboration for a more resilient, efficient and lower-carbon base chemicals industry.

June 2025

HETI hosts its first power summit, bringing together 100+ business and civic leaders to discuss resilient power for Houston’s economic growth and published a fact sheet on Houston’s resilient power access, affordability, and reliability.

November 2025

HETI hosts second annual Gulf Coast national labs workshop focused on accelerating technology commercialization for the region’s energy and chemicals competitiveness through partnerships between industry, national labs and academia.



2025

HOUSTON ENERGY TRANSITION INITIATIVE IS A UNIQUE GREATER HOUSTON COALITION THAT...



CONVENES WITH IMPACT

Leads critical engagements to drive forward member priorities in the energy transition.



COMMUNICATES FOR ECONOMIC DEVELOPMENT

Tells Houston's unique energy story to attract economic development and talent.



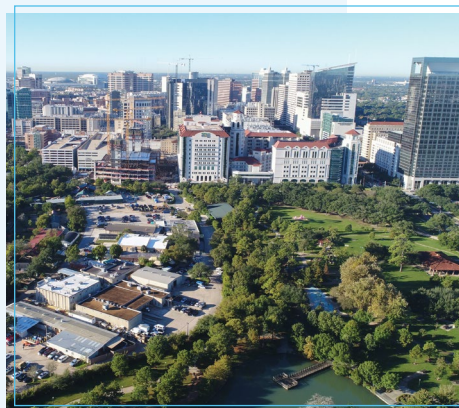
ADVOCATES

Champions all forms of energy and emissions reduction in Houston.



ENGAGES COMMUNITIES

Builds the excitement and alignment needed among stakeholders to create opportunity for all.



CONVENES WITH IMPACT

HETI convenes members, universities, investors and non-profits on the greatest energy challenges of our time.

- Annual Gulf Coast National Labs workshop strengthening the connectivity between national labs, industry and academia to advance technology commercialization and Gulf Coast energy and chemicals competitiveness
- 115 industry, lab and academic leaders, 20 speakers, and 6 national laboratories engaged.

“The Gulf Coast and HETI have become the place to partner with energy and chemicals industry leaders and technical experts who will bring novel technologies to scale.”

Robert Wagner

Associate Laboratory Director,
Oak Ridge National Laboratory



- Power Resilience workshop Summit brought together more than 80 industry, civic and innovation leaders in Houston to examine the region's ability to meet rising demand with resilient power leadership. Produced an **economic competitiveness of resilient power fact sheet**.

Industry Working Groups meet regularly to advance research in key areas of energy and project development.

CCUS Infrastructure - Examines impacts of scaling CCUS

CCS Safety - Examines the safety of CCS development in the United States

Power Management - Explored the region's **future electricity demand** and detailed the economic competitiveness of **Houston's resilient power grid**

Hydrogen - Developed a blueprint for the region to leverage existing production and create a low-carbon hydrogen hub

Capital Formation - Examines the opportunity for Houston to be the energy transition finance capital

Through HETI convenings, Houston continues to demonstrate its leadership in delivering more energy with fewer emissions. The 2025 **Report on Houston's Energy Leadership on Emissions Reduction: Progress, Impact and Momentum**, highlights:

- \$95 billion in low-carbon investments since 2017 by HETI member companies
- 20% industry-wide emissions reductions
- 55% decrease in methane emissions globally



COMMUNICATES FOR ECONOMIC DEVELOPMENT

HETI fundamentally transformed the reputation of Houston as an “oil & gas” city to an “all of the above” energy city.

Since launching HETI, the Partnership has landed **44 energy economic development wins, resulting in more than 8,000 jobs and \$4.4 billion in capital investment.**

Houston has become an energy transition capital hub with **more than 130 energy transition focused investment firms, including 92 headquarters, in greater Houston.**

Houston is now home to over 320 energy and climate startups and 35 incubators and accelerators, including the largest climatetech incubator in North America.

Bill Gates dubbed Houston the “**Silicon Valley of Energy.**”

“They’re driving innovation, bringing good jobs to their communities, and boosting the American economy. If you want to catch a glimpse of our country’s clean energy future, you [too] should head on down to the Lone Star State.”

Bill Gates, referencing Texas driving the energy transition

CERAWEEK IN REVIEW



Showcases Houston’s energy leadership on a global stage. In 2025 alone, HETI House in the Innovation Agora attracted:

Over 1,000 visitors, 80 economic development leads, 15 economic development meetings and 2 projects, and 5 international delegations.

The Rice Alliance Energy Venture Day and Pitch Competition has featured pitches from more than **150+ energy ventures driving efficiency and advancements toward the energy transition.** The fast-paced competition is designed to connect energy startups with venture capitalists, corporate innovation groups, industry leaders, academics, and service providers.

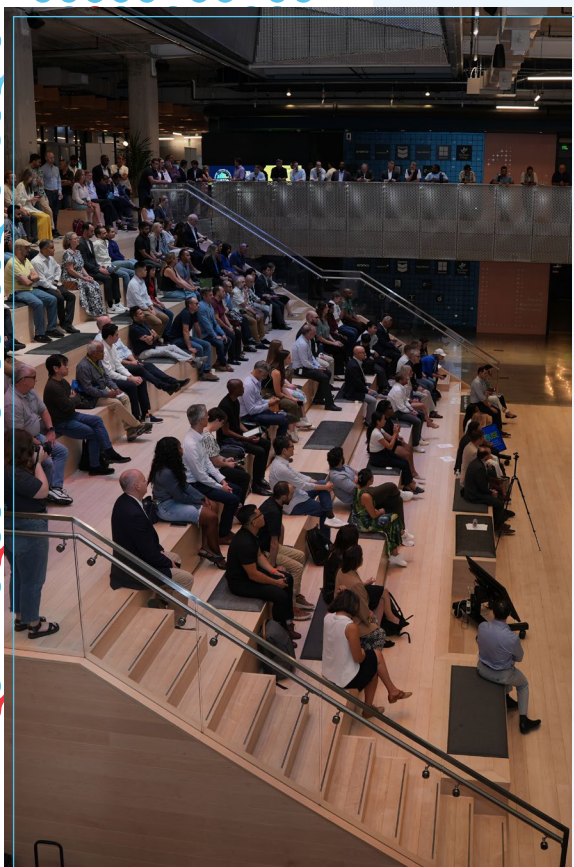
The Energy Venture Day and Pitch Competition showcase ventures across three industry tracks, spanning materials to clean energy.

“We are pleased to extend DOE national laboratory expertise and work with HETI to focus the region’s considerable energy and industrial assets, infrastructure, and talent on broad commercial deployment of needed technologies.”

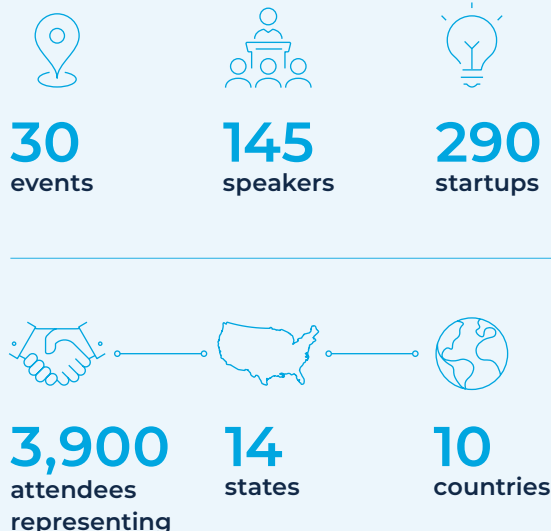
Paul Kearns

Director, **Argonne National Laboratory**

HETI and Argonne National Laboratory signed a Memorandum of Understanding (MOU) to leverage Houston’s top research institutions, energy and industrial leadership, infrastructure, and technical expertise to catalyze the development of commercial-scale energy solutions.



Annual Houston Energy + Climate Startup Week — Showcases Houston as a global hub for energy innovation. In 2025 alone, the week attracted over:



ADVOCATES FOR SOUND POLICY

Texas earned permitting authority for carbon capture and sequestration activities in 2025.

HETI provided oral and written testimony in support of Texas gaining primacy for Class VI wells and published a [comprehensive study of CCS safety](#) in the United States.

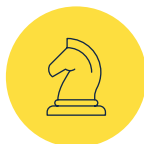
“Texas is uniquely positioned to deploy CCUS at scale, with world-class geology, a skilled workforce, and strong infrastructure. We applaud the EPA for granting Texas the authority to permit wells for CCUS, which we believe will result in safe and efficient permitting while advancing technologies that strengthen Texas’ leadership in the global energy market.”

Jane Stricker

Executive Director, **HETI**
 Senior Vice President, Energy Transition at the
Greater Houston Partnership



U.S. enhanced tax credits for CCUS and preserved the clean hydrogen tax credit until 2028.



HETI convened members and submitted consensus-driven comments on clean hydrogen tax credit preservation and tax credit rulemaking.



HETI has convened its members to meet with multiple Senate-confirmed U.S. Department of Energy officials.



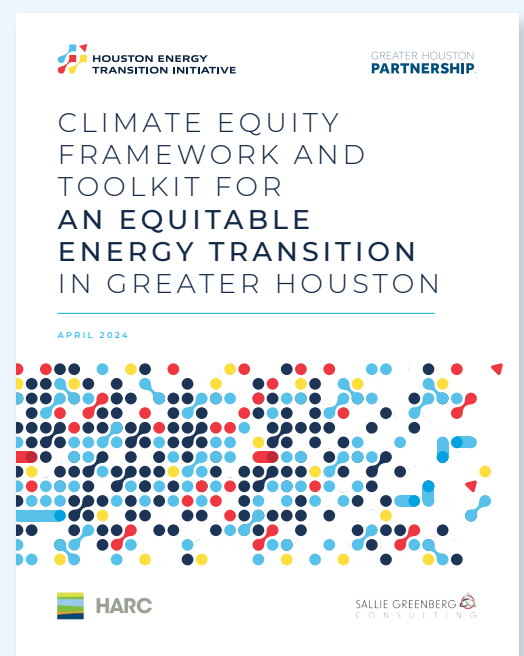
ENGAGES COMMUNITIES

In addition to working closely with industry, HETI engages academic, government and non-governmental organizations, as well as community partners, to build the excitement and alignment needed to advance the energy transition and create opportunities for all Houstonians.

By convening an Advisory Board of stakeholders from across the region, HETI ensures its work is informed not only by industry, but by a broad range of voices across our community.

With support from partners like the Houston Advanced Research Center and Sallie Greenberg Consulting, HETI developed and delivered a framework and toolkit for effective community engagement and investment related to energy projects - sharing best practices and the experiences of companies and communities in Houston.

Through its participation in events like CERAWeek and the Partnership's Future of Global Energy Conference, HETI is bridging the generational divide in the energy and climate conversation by providing access to Houston's college & university students.



OUR WORK CONTINUES

The energy landscape continues to change, and for Houston and HETI, that means that our work is not done.

During our 2025 Future of Global Energy Conference, keynote speaker Andy Karsner, Chief Strategist: Energy & Innovation, X, Alphabet's Moonshot Factory, reminded us that we are entering a fundamentally new era of the information age that will drive a "tsunami of energy demand."

"Houston will be at the epicenter. It will be the nexus and the node that brings together breakthrough innovation with large scale integrated physics, chemistry, biology and applied engineering that manifests a new energy economy commensurate with an information age that is leaving the industrial age behind."



Meeting this moment will require:



A new level of partnership and collaboration to provide the world with the energy it needs while simultaneously reducing emissions and environmental impact.



And HETI and the Greater Houston Partnership will be at the center of that work – bringing together the right organizations to develop, innovate and advance both the ideas and technologies needed to meet this challenge, for our region and our world.

And we invite you to be part of the work at HETI.



MORE ENERGY, LESS EMISSIONS

FOR MORE INFORMATION, VISIT [HTXENERGYTRANSITION.ORG](https://htxenergytransition.org)