

MANAGING CARBON, GROWING ECONOMIES

TRANSITIONS TO LOW-COST, LOW-CARBON ENERGY SYSTEMS

Leveraging Gases, Fuels, Infrastructure

February 24th, 2021 | Columbia University Center on Global Energy Policy

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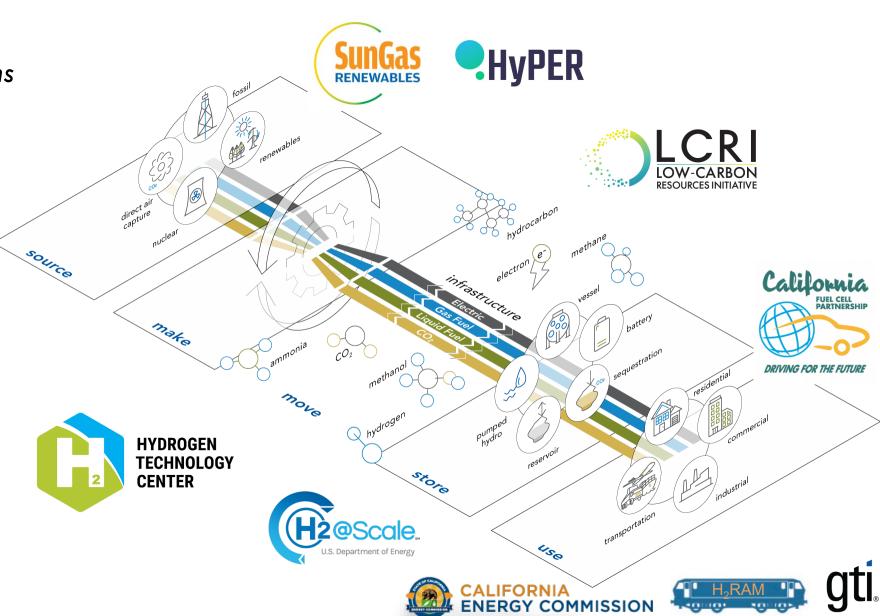


HYDROGEN TECHNOLOGY CENTER

Low-Carbon, Low-Cost

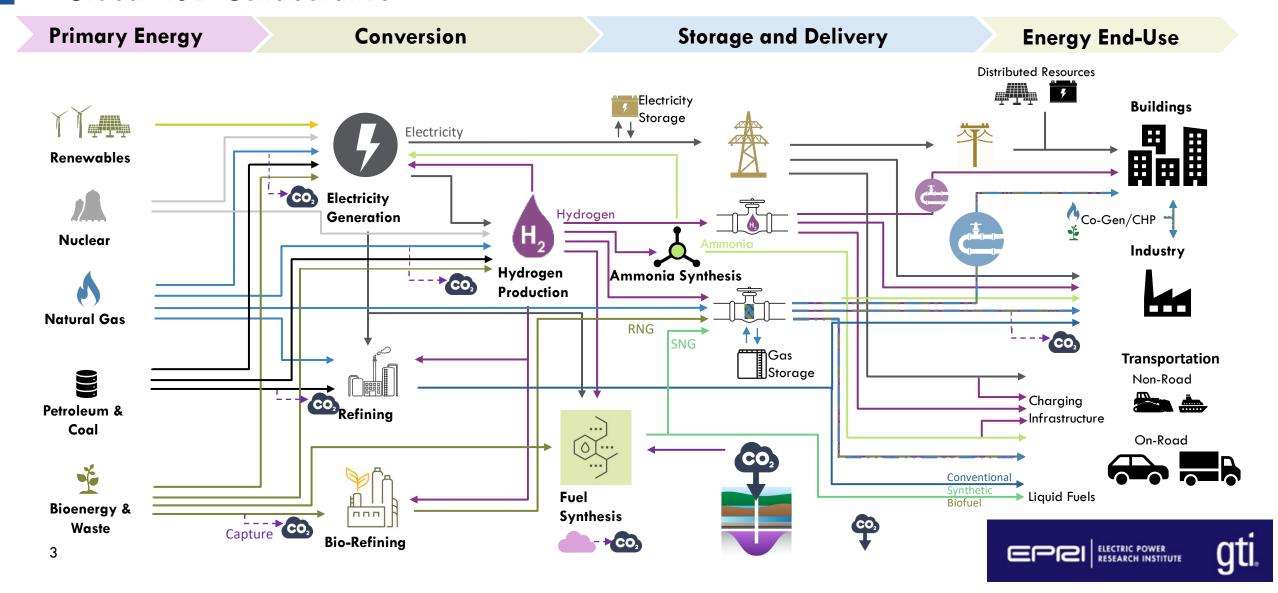
Hydrogen Energy Systems

offers integrated hydrogen testing and demonstration facilities across the entire value chain—leveraging deep expertise to bring real solutions to the market.



LOW-CARBON RESOURCES INITIATIVE

Global R&D Collaborative



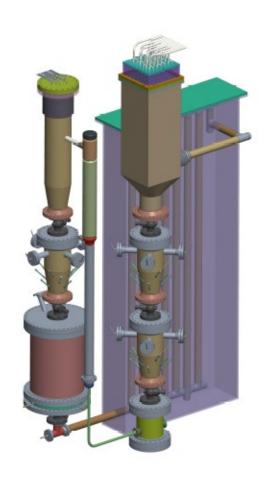
HYDROGEN GENERATOR

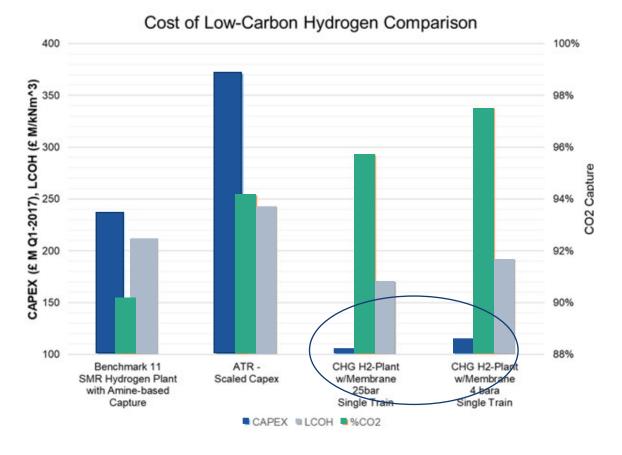
Clean Hydrogen Production



Lowest cost path for blue H_2 production and low carbon H_2 -to-Power

- ~50% CAPEX reduction
 vs. conventional steam
 methane reforming with
 90% carbon capture
- 20-30% reduction in levelized cost of H₂

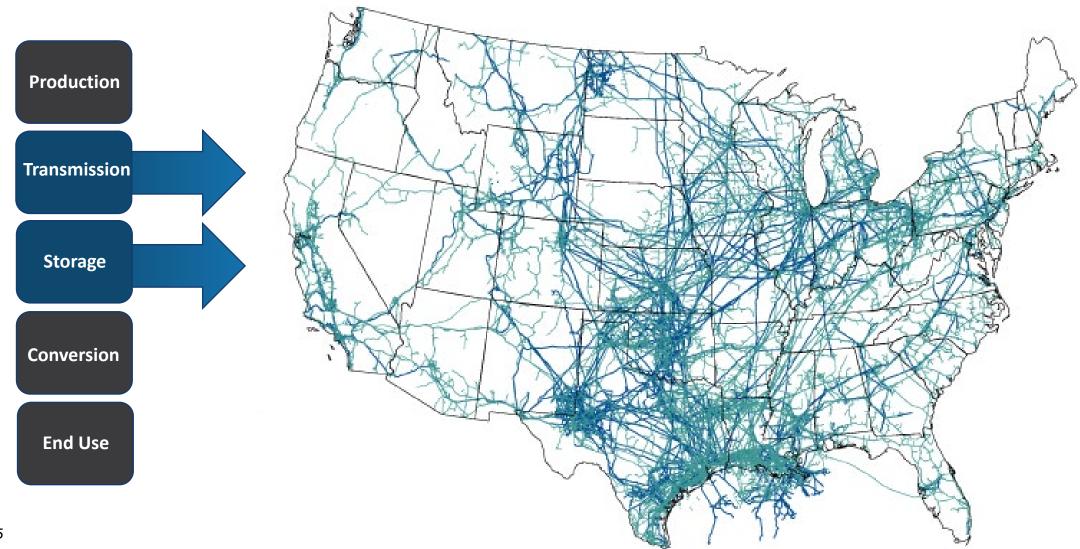






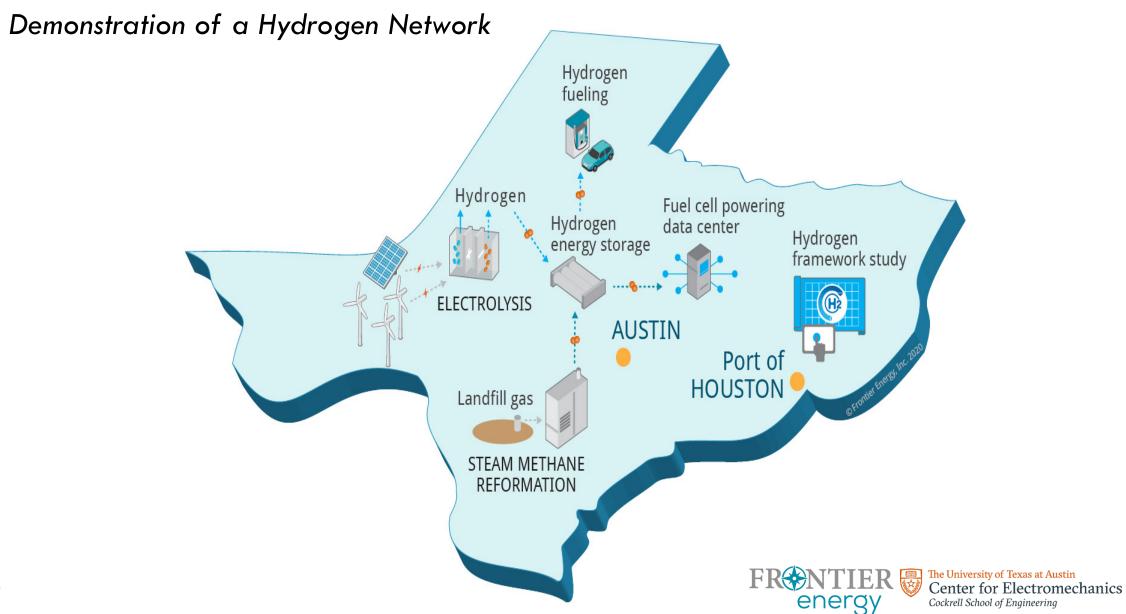
INFRASTRUCTURE PROVIDES UNPARALLELED DELIVERABILITY

Enabling Energy Transitions





H2@SCALE



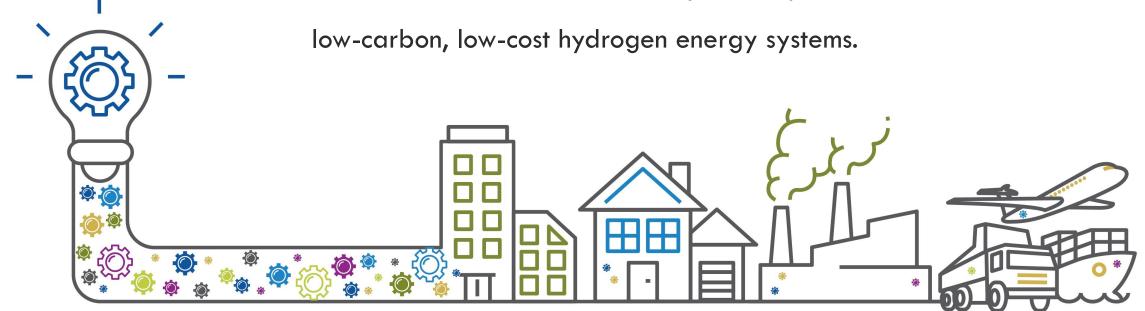


WHAT'S NEEDED?

The Path To A Low-Carbon Future

We need collaboration, disruptive innovation at scale,

intention, and investment to fully develop these







GTI envisions a carbon-managed future in which integrated energy systems leverage low-carbon fuels, gases, and infrastructure to achieve economy wide decarbonization.