

Challenges to Commercializing Carbon Capture and Storage

 UNIVERSITY OF HOUSTON

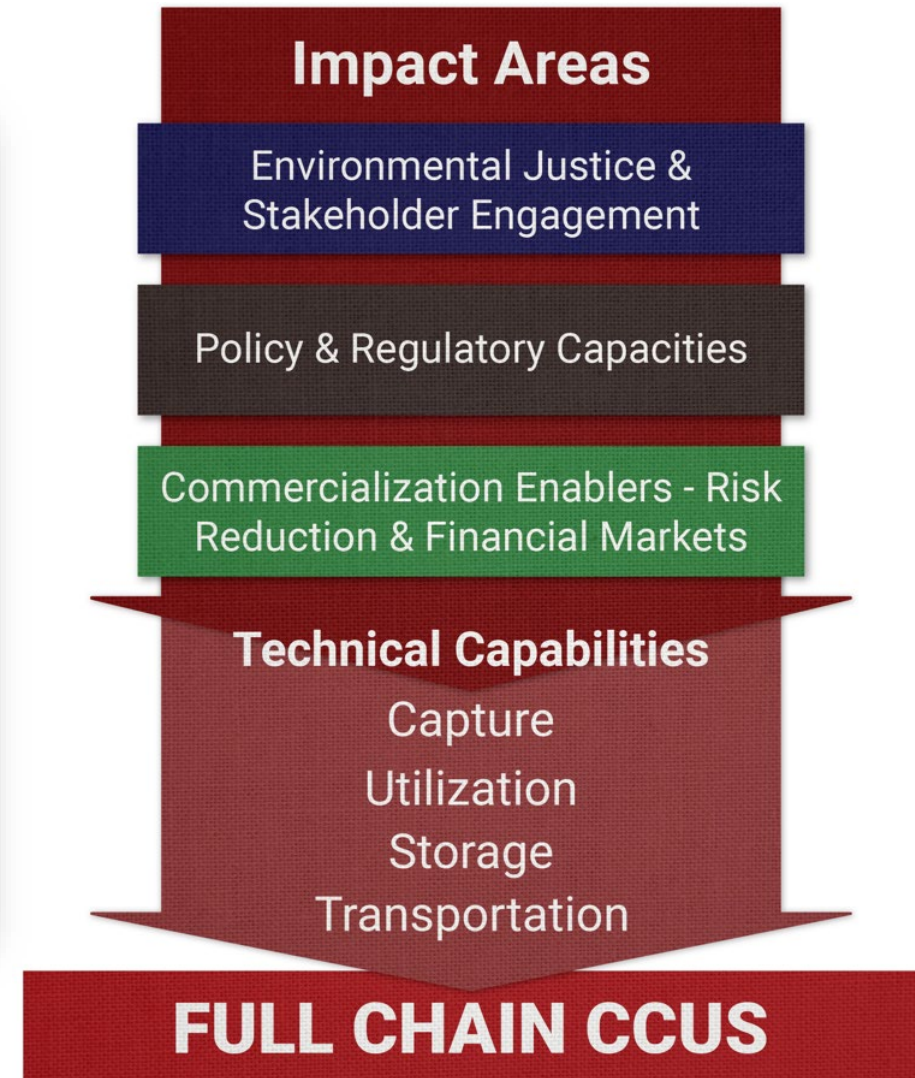
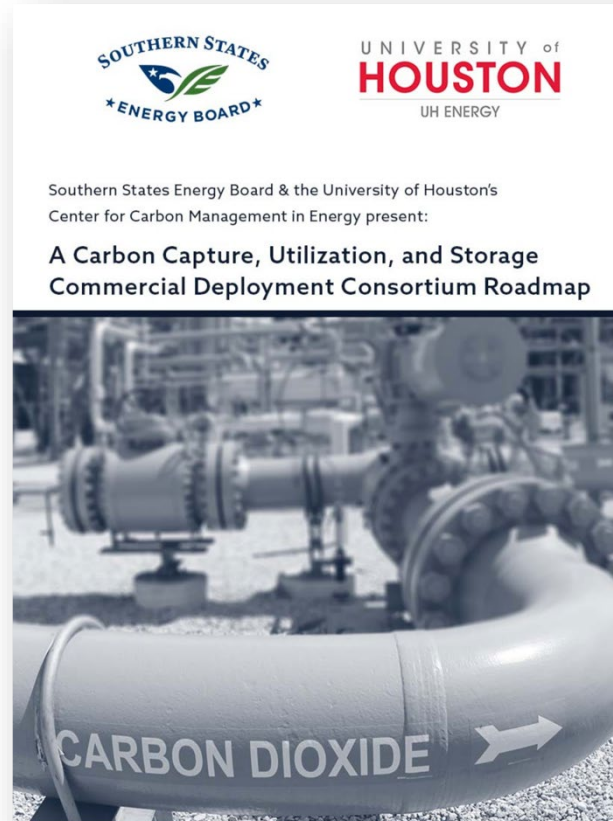
CENTER FOR CARBON MANAGEMENT IN ENERGY



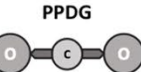
Carbon Management for Global Sustainability

SSEB & UH Partnership

- Accelerates the commercial deployment of CO₂ reduction technologies and supports facility design and business development
 - SSEB-University of Houston CCUS Commercialization Consortium
 - the development of a roadmap, and
 - targeted stakeholder engagement for specific commercial facilities.



CCUS Commercialization Consortium Partners



Transcending Boundaries

CCUS Commercialization Consortium

- Participants
 - 63 companies and organizations, including integrated oil and gas companies, electric utilities, technology development companies, universities, NGOs, among others.
- Phase 1 Report submitted on 3/31/23
- In 2022-2023, 200+ instances of energy industry direct contacts and virtual meetings with large emitters (influx of interest from hard-to-abate sectors)
- 65+ occasions, provided direct technical assistance over weeks and months to industry seeking a path to decarbonization
- Accelerating the commercial deployment of CO₂ reduction technologies and supporting facility design and business development
- 14 of the top-100 CO₂ emitting companies within the U.S., with aggregate emissions in excess of 350 million metric tons per annum (13% of annual U.S. point source emissions)

