

# Who We Are

## MISSION

Houston CCS Alliance was formed to advance one of the most significant carbon capture and storage (CCS) opportunities in the world. The companies that are a part of this effort believe now is the time for ambitious collaboration among industry, non-governmental organizations, academia, and local communities to significantly reduce carbon dioxide (CO<sub>2</sub>) and other greenhouse gas emissions, while meeting America's growing energy and industrial needs.

Our mission is to reduce industrial CO<sub>2</sub> emissions in the Houston area, one of the nation's largest concentrated sources of CO<sub>2</sub>, and make it the model for an emerging, lower-emission world that supports jobs, economic growth, and prosperity.

## MEMBERS

Houston CCS Alliance is a coordinated effort among some of the world's most innovative energy, petrochemical, and power generation companies to advance the development of CCS in the greater Houston industrial area.

These companies have been a part of Houston for decades, employing thousands, supporting families with good careers, and investing in the well-being of the local communities where they safely operate.



## WHY HOUSTON

We believe Houston is uniquely positioned to be a global CCS leader. Analysis of U.S. Department of Energy estimates shows that the U.S. Gulf Coast alone can safely store about 500 billion metric tons of CO<sub>2</sub>, which is equivalent to more than 130 years of total U.S. industrial and power generation emissions. In addition to its geographic advantage, Houston has a large industrial presence and is home to one of the largest ports in the country. It has an established, advanced energy supply chain and network of pipelines that also contribute to it being an ideal location for CCS projects.

Houston CCS has the potential to create thousands of jobs while capturing and storing approximately 50 million metric tons of CO<sub>2</sub> per year by 2030, and 100 million metric tons per year by 2040.

Houston CCS Alliance is committed to making a positive impact on local communities. As part of this, we pride ourselves on working collaboratively with:



communities and their leaders



local businesses



educational institutions



business organizations

## OBJECTIVES

We can have a positive, lasting impact by reducing industrial CO<sub>2</sub> emissions and creating economic opportunities right here in the Houston area, while advancing a lower-emission energy future for generations to come. **We aim to:**

- ✓ Educate people about the opportunity to create one of the world's largest CCS opportunities, right here in the Houston area
- ✓ Promote economic development and carbon neutrality in the Houston Ship Channel and surrounding industrial areas
- ✓ Support and sustain existing jobs and create thousands of immediate and long-term economic opportunities for workers, industries and communities
- ✓ Partner at all levels of government to establish transparent regulatory and legal frameworks to facilitate development and deployment of CCS and other low-carbon technologies
- ✓ Protect the environment and improve communities across the Houston Ship Channel and the surrounding area
- ✓ Help the city of Houston reach its carbon-neutrality goals

*Houston CCS Alliance is a coordinated effort among some of the world's most innovative energy, petrochemical, and power generation companies to advance the development of CCS in the greater Houston industrial area and support the southeast Texas community.*

Learn more at [houstonccs.com](https://houstonccs.com)

