An integrated carbon capture and storage solution for end-to-end decarbonization

ExxonMobil owns and operates the world's first and largest carbon capture and storage (CCS) system[1]. With 1,300 miles of CO_2 pipeline and secure storage sites, the established infrastructure enables end-to-end CCS—capturing, transporting and permanently storing CO_2—helping hard-to-abate industries lower emissions.

~9 MTA
of CO_2 committed for transport and storage under contract with third-party customers

#1
U.S. acreage position for onshore and offshore CO_2 storage emissions

70%
of ExxonMobil CCS CO_2 pipelines located in the U.S. Gulf Coast

40+
years of CCS experience

What We Offer

- Integrated CCS for capture, transport and permanent storage
- Access to advantaged CO_2 pipeline infrastructure and secure storage sites
- Expertise developing and operating large-scale, complex projects
- Technical and regulatory expertise to support project development and deployment

CCS Benefits

- Proven solution in hard-to-abate sectors where pathways to decarbonization may be limited
- Enables continued use of existing infrastructure while lowering carbon intensity
- Reduced emissions through the capture and permanent storage of CO_2 safely and reliably

Applications

CCS supports emissions reduction across heavy industry where alternatives are limited.

Power generation
Lower emissions from existing and new facilities through post-combustion carbon capture

Fertilizers manufacturing
Reduce emissions from ammonia and urea production without changing the process

Upstream exploration & production
Integrate CCS into natural gas processing and support enhanced oil recovery operations

Cement & steel
Capture carbon from manufacturing process emissions

Industrial gas production
Produce low-carbon hydrogen products used across multiple sectors

Refining and chemicals
Enable lower-carbon products through CO_2 capture at production sites

A proven CCS system, built for scale

ExxonMobil™ Carbon Capture & Storage is an integrated CO_2 transport and storage network system across the U.S. Gulf Coast, where one-third of U.S. industrial emissions are generated, and 70% of ExxonMobil's CCS CO_2 pipelines are strategically located. The operational infrastructure delivers a practical, scalable pathway to permanent CO_2 storage for industrial decarbonization today.

World's first large scale end-to-end CCS system

What Sets Us Apart

- Unmatched end-to-end integration across the CCS value chain reduces complexity and simplifies deployment
- Experience operating large-scale energy systems and reliable execution
- A growing network of CCS projects, storage sites, and pipeline enables customers to connect and scale efficiently
- Long-term approach to project delivery enables durable, secure CO_2 storage

Contact your local ExxonMobil representative to learn more about our ExxonMobil™ Carbon Capture & Storage and how we can help lower your carbon footprint, or visit us at lowcarbon.exxonmobil.com

1 - "End-to-end CCS system" entails integration of CO_2 capture, transportation, and storage. Based on contracts starting in 2025, subject to additional investment by ExxonMobil, and receipt of government permitting for carbon capture and storage projects.