

Carbon Capture Solutions

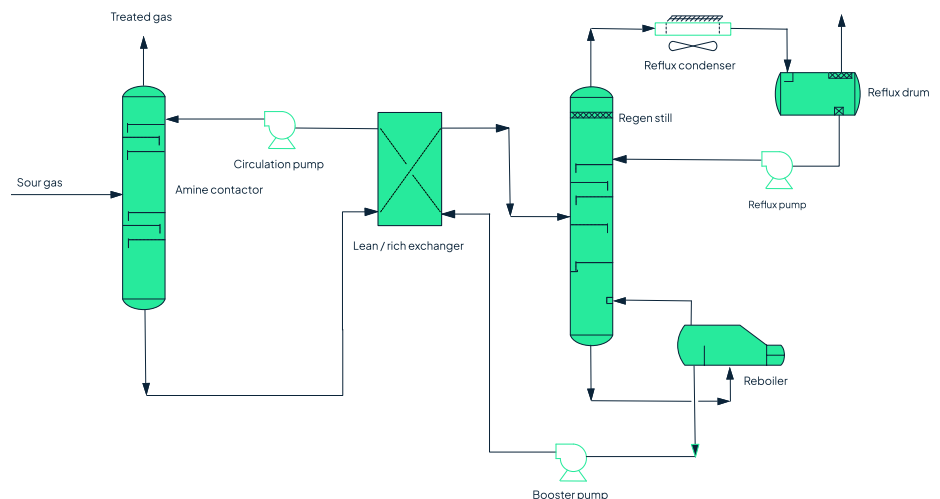
Comprehensive EPC for sustainable practices in energy

- > Capture
- > Treatment
- > Dehydration
- > Transportation + sequestration
- > Liquefaction + utilization
- > Distillation
- > Refrigeration
- > Metering
- > Injection
- > Pipelines

Engineering the future with advanced CCUS

As global emphasis on reducing carbon emissions intensifies, industries increasingly turn to carbon capture, utilization, and storage (CCUS) strategies to diminish the impact of carbon-intensive operations and support regulatory requirements. With our full suite of in-house capabilities in engineering, procurement, construction (EPC), fabrication, and project management for the energy sector, Audubon is well-positioned to integrate and advance CCUS solutions.

Our focus for CCUS projects is on crafting precise, workable plans. We ensure that the envisioned systems are effective, align with regulations, and adhere to the highest performance standards—providing our clients with operational reliability, product optimization, and financial benefit.



Cutting-edge technologies + industry experience for your CO2 objectives

Custom CCUS solutions for complex operations

Whether your business aims to reduce emissions, meet purity specifications, or capitalize on captured product with enhanced oil recovery (EOR), Audubon's carbon team has the tools, knowledge, and experience to achieve your goals. Our dedicated professionals customize solutions to selectively remove CO₂ and separate H₂S, O₂, H₂, NO_x, SO_x, and hydrocarbons from gas streams while prioritizing quality, efficiency, and safety at every project phase.



Specialized engineering + design for offshore CO2 injection platform

Balancing profitability and sustainability, Audubon engineers an offshore platform for shallow-water CO₂ injection and storage wells in the Gulf of Mexico. Designed for unmanned operations, the platform utilizes leading automation and control technologies for reliable, fully remote functions and monitoring—meaning minimized maintenance visits, reduced risk exposure, and boosted operational and production efficiencies.

