Offshore CO2 Injection Platform

Capabilities

- Concept planning
- Project development
- Front-end engineering + design (FEED)
- Detailed engineering + design
- Engineering, procurement, construction management (EPCM)

Benefits

- Meet carbon capture targets
- Achieve reliable CO2 injection operations
- Minimize offshore maintenance
- Reduce health-safety-environmental (HSE) risk

Custom engineering + design for carbon capture in Gulf shallow water

Offshore CO2 injection and storage operations require innovation and critical engineering insight to achieve efficient carbon capture. As a fully integrated project services provider, Audubon Companies offers a custom-designed offshore platform engineered for CO2 injection and storage that balances profitability and sustainability for long-term decarbonization success.

Offshore CO2 platform specifications

- Custom design for any well size + flow rate
- Shallow-water depth up to 100 ft.
- Well depth up to 10,000 ft.
- Hydraulic power recovery turbine
- Backup diesel generator
- CO2 metering + well monitoring
- Honeywell automation + controls
- Pressure-volume-temperature monitoring
- Regulatory compliance: Bureau of Safety and Environmental Enforcement (BSEE), United States Coast Guard (USCG)

audubooncompanies.com
sales@audubooncompanies.com

audubon

Boosting offshore CO2 injection + storage to meet carbon capture targets

Audubon has both the deep engineering knowledge and advanced CO2 and automation technologies to support your carbon capture objectives. With flexibility and agility in our processes, we work with you to design and deliver a solution customized for your particular well size and flow rate. For various annual CO2 production capacities, our offshore CO2 injection and storage platform will boost your operational and production efficiency.

Unmanned offshore platform for remote operations + monitoring

The offshore CO2 injection and storage platform is designed utilizing Honeywell automation and control systems for fully remote operations and monitoring—meaning superior reliability and safety, minimized maintenance visits, and reduced risk exposure. System efficiency and redundancy are built in with a hydraulic power recovery turbine and backup diesel generators.

audubooncompanies.com
sales@audubooncompanies.com

audubon