Louisiana Clean Energy Complex

Securing Louisiana's Energy Future

Air Products' Louisiana Clean Energy Complex will strengthen America's diverse energy production, make significant contributions to Louisiana's economy, and position the state as a critical player and global leader in next-generation energy production.

LOUISIANA
CLEAN ENERGY

Economic Highlights

170
permanent jobs at clean energy complex

$93,000
average salary of permanent jobs created

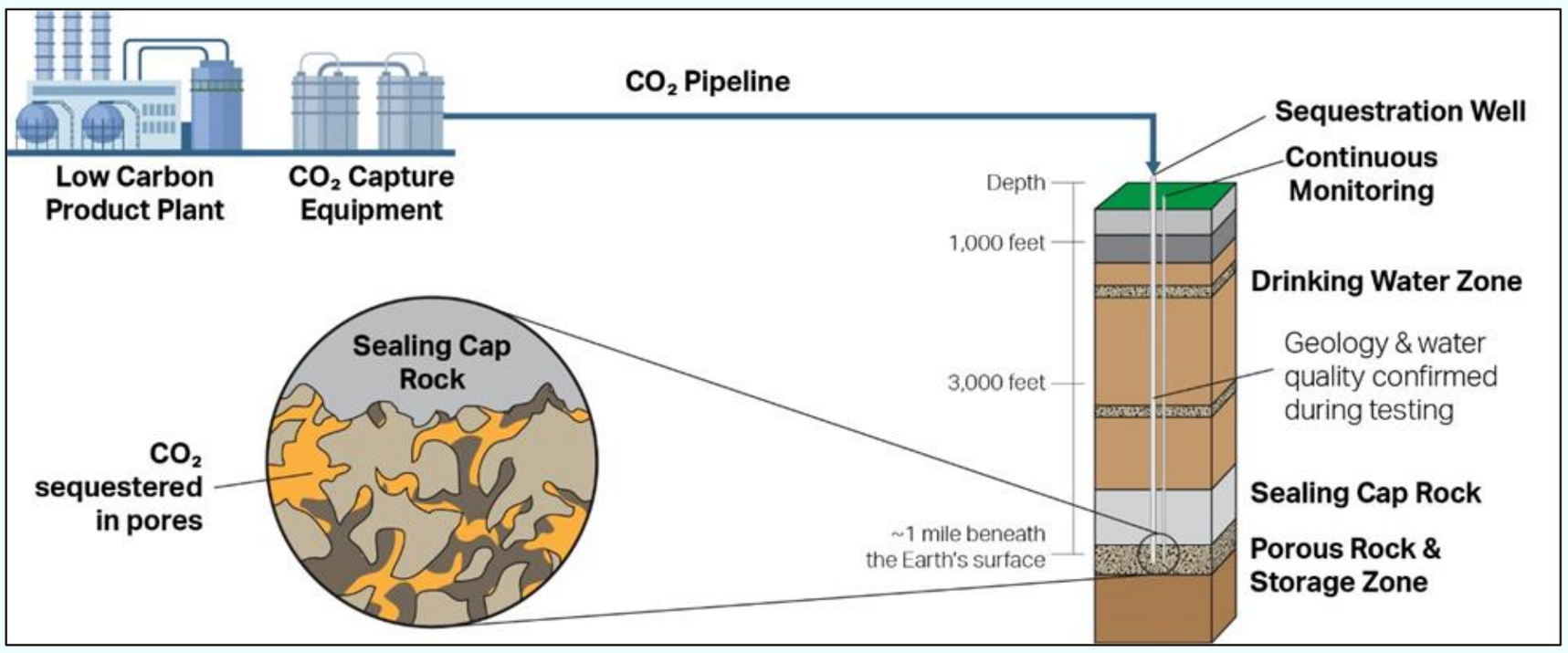
2,000
construction jobs, as well as 400 indirect jobs, over the next three years

Project Overview

Air Products is developing the Louisiana Clean Energy Complex, which will produce 750 million standard cubic feet of clean hydrogen per day, to help cut emissions in key industries. The plant will capture carbon dioxide (CO_2) emissions generated in the manufacturing process and safely and permanently store the CO_2 more than a mile underneath the bottom of Lake Maurepas in an area of porous rock between layers of caprock that act as a seal. This reduces emissions by relying on carbon capture and sequestration technology that has been used safely around the world for **more than 50 years**.

Carbon Capture More Than a Mile Underneath Lake Maurepas

- Air Products will build sequestration wells on Lake Maurepas in Livingston, Tangipahoa, and St. John parishes, drilled about 6,000 to 9,000 feet deep.
- Deep wells would be used for monitoring carbon dioxide around 1 mile below the surface.
- No monitoring wells will be used for permanent sequestration purposes.



Additional Project Components

Ascension Parish Hydrogen Facility

- The facility will produce clean hydrogen from natural gas by taking **95 percent** of carbon dioxide emissions generated during production and safely and permanently storing it more than a mile underneath the bottom of Lake Maurepas.
- The facility will be built south of Gonzales along the Mississippi River.

Pipelines

Three new pipelines will be built to support the Louisiana Clean Energy Complex, including:

- A CO_2 transmission pipeline to transport CO_2 from the main facility to the wells.
- A hydrogen pipeline that will connect to Air Products' existing Gulf Coast pipeline network, the largest hydrogen network in the world.
- A natural gas pipeline to fuel the two primary sequestration well control platforms.

Air Products pledges to restore any temporary disturbances to the local environment as a result of pipeline construction.

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Environmental Benefits of the Project

Net-Zero Ambition

The project will bolster goals to be net-zero by 2050 by meeting new emissions-reduction milestones and protecting and growing local jobs.

Wildlife Habitat

The rock formations below the well platform will become popular for fishing and provide habitats for fish, giving them a place to hide, shelter, and hunt for food.

Environmental Commitments

We pledge to go beyond what is required by state laws and regulations to limit environmental impacts from construction or operations. This includes donating land to Louisiana for preservation and utilizing existing pipeline corridors to minimize construction.

Anticipated Project Timeline

2023
Acquiring necessary permits

2024
Expected pipeline and aboveground facility construction

2027
Expected onstream

2051
Anticipated 25-year facility operation

50+ years
Anticipated monitoring completion

For more information, please visit CleanEnergyLouisiana.com.

Safety Record

- Unsurpassed safety record in the production, storage, handling, and distribution of hydrogen and other gases.
- Earned more safety-related awards than any other industrial gas company.
- Taken a leadership role in supporting the hydrogen fuel community in the safe use of hydrogen.

Independent Monitoring

- Southeastern Louisiana University is conducting independent monitoring of the project to ensure all activities are protective of the lake's environment.
- This is not a regulatory requirement, and we believe it is important to have third-party monitoring to ensure our project does not have a negative effect on the lake.

Our Long History in Louisiana

55+
years in operation

18
operating facilities

330
Louisianans employed