



PROJECT CYPRESS

For a Better Net-Zero Tomorrow

Project Cypress Direct Air Capture Hub Expands Footprint to Create Corridor of Economic Opportunity in Louisiana

COLUMBUS, Ohio (June 24, 2024)—An expansion of the [Project Cypress](#) footprint means a corridor of economic opportunity will develop across the state of Louisiana as one of the [U.S. Department of Energy \(DOE\)](#)'s [Direct Air Capture Hubs](#) will now be developed in both Southwest and Northwest Louisiana.

The team of [Battelle](#) and leading clean technology developers [Climeworks](#) and [Heirloom](#) received the first investment of federal funding, matched by the project team, earlier this year. The federal investment comes from the Bipartisan Infrastructure Law's Regional Direct Air Capture (DAC) Hubs program.

In addition to Project Cypress' siting in Southwest Louisiana, the footprint of the Hub will now expand to Northwest Louisiana. Climeworks and Heirloom have differing technologies for removing legacy carbon dioxide from the air that are not required to be co-located to perform. To realize benefits from the economy of scale and because it already is investing in other parts of the state, Heirloom now will site its portion of the Project Cypress DAC Hub facility in Northwest Louisiana, on land owned by the Port of Caddo-Bossier in Shreveport. This dual investment expands the footprint and job-creation potential of the Project Cypress DAC Hub beyond just Southwest Louisiana

Project Cypress DAC Hub is designed to advance the commercialization of direct air capture and storage, an innovative technology powered by renewable energy that will verifiably remove carbon dioxide from the atmosphere, store it safely underground, and generate advanced manufacturing jobs in the U.S. to further the country's climate goals.



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Heirloom's decision to locate both facilities in Northwest Louisiana brings cost savings and significant operational efficiencies, in addition to expanding the company's ability to create jobs and build meaningful workforce training programs in the region. As envisioned, the Heirloom Project Cypress facility would remove up to 300,000 tonnes of CO₂ per year. The first phase of the project, which is expected to be operational in 2027, will be capable of removing 100,000 tonnes of CO₂ per year. Subsequent construction phases, subject to additional funding, would triple the capture capacity.

In addition to removing CO₂ from the atmosphere, Project Cypress aims to make robust investments in the local community and region creating new job pathways in the design, construction, and operation of the DAC Hub.

The project website can be visited at <https://www.projectcypress.com/>.

About Battelle

Every day, the people of Battelle apply science and technology to solving what matters most. At major technology centers and national laboratories around the world, Battelle conducts research and development, designs and manufactures products, and delivers critical services for government and commercial customers. Headquartered in Columbus, Ohio since its founding in 1929, Battelle serves the national security, health and life sciences, and energy and environmental industries. For more information, visit www.battelle.org.

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About Climeworks



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Climeworks is a global leader in carbon dioxide removal (CDR) as a service via direct air capture (DAC) technology, empowering companies to advance their net zero roadmaps and fight global warming.

Founded by engineers Christoph Gebald and Jan Wurzbacher in 2009, Climeworks is on a journey to climate impact at scale with integrity at its core and a focus on the highest quality, permanent removals.

Climeworks is spearheading the DAC industry globally, with the world's only commercial DAC facility combined with storage installation in operation, modular CO₂ collectors designed for scalability, and facilities running exclusively on clean energy. Their growing customer base counts multinationals such as Microsoft, BCG, UBS, JPMorgan Chase and Swiss Re.

At Orca, Climeworks' DAC facility in Iceland, the CO₂ is permanently removed from the air by capturing and geologically storing it for thousands of years with Climeworks' underground mineralization partner Carbfix. The CDR services delivered from Orca are [verified by independent 3rd party DNV](#).

Remove CO₂ from the air – with [Climeworks](#).

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For inquiries relating to Climeworks, please reach out to media@climeworks.com.

About Heirloom

Heirloom builds low-cost Direct Air Capture technology that will permanently remove CO₂ at a billion-ton scale. Their technology rapidly accelerates the natural ability of minerals to absorb CO₂ from the air from a timespan of years to days. Heirloom has the only operating Direct Air Capture facility in North America, and its customers are the world's biggest buyers of carbon removal including Microsoft, Stripe, Klarna, Shopify and more. Heirloom is funded by Bill Gates' Breakthrough Energy Ventures, Carbon Direct Capital Management,



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Ahren Innovation Capital, Prelude Capital, Lowercarbon Capital and others. For more see www.heirloomcarbon.com

For inquiries relating to Heirloom, please reach out to press@heirloomcarbon.com.

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