



## **Occidental, 1PointFive to Begin Construction of World's Largest Direct Air Capture Plant in the Texas Permian Basin**

- Plant will advance large-scale carbon capture to help Oxy and others reduce emissions and accelerate their respective paths to net zero
- Captured carbon can be safely and securely sequestered in saline formations or used to produce low carbon products

**HOUSTON — August 25, 2022** — Occidental (NYSE: OXY) and its subsidiary 1PointFive today announced they plan to begin detailed engineering and early site construction for their first large-scale Direct Air Capture (DAC) plant in Ector County, Texas, near Oxy's portfolio of acreage and infrastructure that are conducive to safe and secure storage of carbon dioxide.

The first stage of construction, which includes site preparation and road work, is scheduled to begin in the third quarter of 2022 and start-up is expected in late 2024. Upon completion, the first DAC plant will be the world's largest of its kind and would be an important step in advancing Oxy's low-carbon strategy to deliver large-scale carbon management solutions that accelerate a net-zero economy. Once operational, the plant is expected to capture up to 500,000 metric tons of carbon dioxide per year with the capability to scale up to 1 million metric tons per year. 1PointFive has announced a scenario to deploy 70 DAC facilities worldwide by 2035 under current compliance and market scenarios.

The decision to proceed with construction follows the successful completion of a Front-End Engineering and Design (FEED) study and extensive testing and validation at the Carbon Engineering Innovation Centre. 1PointFive partnered with Carbon Engineering, a climate solutions company, to commercialize and deploy DAC technology at scale. 1PointFive has also agreed on substantive terms with Worley for engineering, procurement, and construction (EPC) services, and expects to work toward a definitive agreement for the EPC contract by the end of the year.

1PointFive and Carbon Engineering continue to progress innovation workstreams to improve the DAC technology at the Innovation Centre. The focus is on carbon capture and energy efficiency, as well as operating cost improvements during the life of the plant.

"The construction of Oxy's first DAC plant is an important milestone on the pathway to achieving our net-zero ambitions and helping the world meet the Paris Agreement's climate goals," said Vicki Hollub, President and CEO, Oxy. "We are fortunate to partner with Carbon Engineering and Worley, who share our vision in creating a carbon removal industry that can accelerate the path to net zero."

"Construction of this transformative facility begins our journey toward providing commercial-scale DAC solutions that reduce and remove carbon emissions," said Richard Jackson, President, U.S. Onshore Resources and Carbon Management, Operations, Oxy. "This plant's development is rooted in our carbon management expertise, strong record of delivering major projects and existing infrastructure that supports the commercialization of carbon capture, utilization and storage technologies. This plant could also anchor future low carbon projects and strengthen our portfolio of carbon management solutions."

"Carbon Engineering has been innovating for more than a decade to deliver climate solutions at megaton scale," said Daniel Friedmann, CEO, Carbon Engineering. "Now, with construction starting on

this first, large-scale facility, we are seeing our vision become a reality. In collaboration with our partners at 1PointFive and Oxy, today marks a pivotal moment in the deployment of Carbon Engineering's large-scale Direct Air Capture solutions."

The plant is expected to provide cost-effective solutions that hard-to-decarbonize industries can use in conjunction with their own emissions reduction programs to help achieve net zero. Captured carbon dioxide can be safely sequestered deep underground in saline formations or used in the production of hydrocarbons to enable lower-carbon or net-zero transportation fuels, and in products like chemicals and building materials.

1PointFive has advanced product sales for the plant, including carbon removal credit purchases from Airbus, Shopify and ThermoFisher, and Oxy reached an offtake agreement with SK Trading International for an opportunity to purchase net-zero oil.

Oxy also entered into an agreement with Origis Energy to provide zero-emission solar power for the DAC plant and other projects in the Permian Basin.

The project is expected to employ more than 1,000 people during the construction phase and up to 75 once operational. The Inflation Reduction Act's increased incentives will further accelerate DAC deployment as a solution to help achieve net zero.

### **About Occidental**

[Occidental](#) is an international energy company with assets primarily in the United States, the Middle East and North Africa. We are one of the largest oil producers in the U.S., including a leading producer in the Permian and DJ basins, and offshore Gulf of Mexico. Our midstream and marketing segment provides flow assurance and maximizes the value of our oil and gas. Our chemical subsidiary OxyChem manufactures the building blocks for life-enhancing products. Our Oxy Low Carbon Ventures subsidiary is advancing leading-edge technologies and business solutions that economically grow our business while reducing emissions. We are committed to using our global leadership in carbon management to advance a lower-carbon world. Visit [oxy.com](https://oxy.com) for more information.

### **About 1PointFive**

1PointFive is a Carbon Capture, Utilization and Sequestration (CCUS) platform that is working to help curb global temperature rise to 1.5°C by 2050 through the deployment of decarbonization solutions, including Carbon Engineering's Direct Air Capture (DAC) and AIR TO FUELS™ technologies alongside geologic sequestration hubs. More at [1PointFive.com](https://1pointfive.com).

### **About Carbon Engineering**

Carbon Engineering (CE) is a climate solutions company. CE is focused on the global deployment of large-scale Direct Air Capture (DAC) technology that captures carbon dioxide out of the atmosphere so it can be permanently stored deep underground or used to produce clean, affordable transportation fuels. With its partners, CE is working to deploy large-scale, commercial DAC facilities in multiple markets around the globe. More at [carbonengineering.com](https://carbonengineering.com).

AIR TO FUELS™ is a registered trademark of Carbon Engineering Ltd.

### **Forward-Looking Statements**

This news release contains "forward-looking statements" within the meaning of the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995, including those relating to Occidental's deployment and use of DAC technology as part of its net-zero strategy, which are based on Occidental's current expectations, beliefs, plans, estimates, and forecasts. All statements other than statements of historical fact are forward-looking statements for purposes of federal and state securities laws. Words such as "will," "may," "expect," "plan," or similar expressions that convey the prospective nature of events or outcomes are generally indicative of forward-looking statements. You should not place undue reliance on these forward-looking statements, which speak only as of the date of this news release. Unless legally required, Occidental does not undertake any obligation to

update, modify, or withdraw any forward-looking statements as a result of new information, future events, or otherwise.

These statements are not guarantees of future performance as they involve assumptions that may prove to be incorrect and risks and uncertainties, including those that are beyond Occidental's control. Factors that may cause actual results to differ materially from forward-looking statements include Occidental's ability to access necessary technology, to develop and employ existing or new technology on a commercial scale, to access capital, to collaborate with third parties and customers, and to receive approvals from regulatory bodies, as well as market conditions, geopolitical events, and scientific developments. Additional factors that may affect Occidental's ability to deploy DAC technology can be found in Occidental's public disclosure and its filings with the U.S. Securities and Exchange Commission (SEC), which may be accessed at Occidental's website at [oxy.com](http://oxy.com) or the SEC's website at [sec.gov](http://sec.gov). Information included herein is not necessarily material to an investor in Occidental's securities.

-0-

## Contacts

### Media

Eric Moses

713-497-2017

[eric\\_moses@oxy.com](mailto:eric_moses@oxy.com)

### Investors

Jeff Alvarez

713-215-7864

[jeff\\_alvarez@oxy.com](mailto:jeff_alvarez@oxy.com)