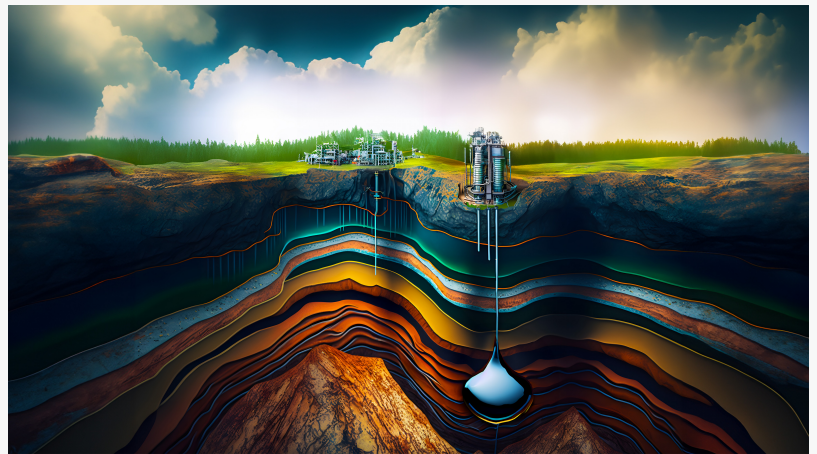


Synergy Clean Energy Partners with Secured Carbon to Monitor and Risk Mitigate CCUS Project

Secured Carbon to install greenhouse gas monitoring sensors to verify Synergy Clean Energy's innovative low-carbon fuel production plant in Montana

BERKELEY, CALIFORNIA, USA, November 1, 2023 /EINPresswire.com/ -- Synergy Clean Energy has partnered with [Secured Carbon](#) to monitor, report and verify (MRV) on Synergy's planned Carbon Capture Utilization and Sequestration (CCUS) project in northern Montana. The project aims to develop a low carbon energy platform to produce oil for aviation and transportation fuels by utilizing CO2 from new zero-emission energy generators.



The project aims to produce low carbon energy and sequester CO2 utilizing innovative methods.

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This novel work is needed to link the science of estimating and mapping GHG emissions and will be of significant interest and utility to the financial sector.”

Thomas Lauvaux, Professor of Atmospheric and Carbon Cycle Sciences

"We are pleased to be working with Secured Carbon to help us meet our climate transition goals," said Synergy Chief Executive Officer Duane King. "Their experience and expertise is invaluable as we work to reduce our carbon emissions."

The CCUS project will capture and inject into the ground CO2 from new natural gas-fired on-demand power plants. The process is expected to result in a net reduction of greenhouse gas emissions.

"This project has the potential to be a game-changer for the energy industry and for the fight against climate

change," said Secured Carbon CEO Tac Leung. "It will also do a lot of good for the economy and increase energy security. We're excited to be working with Synergy to make sure this project is

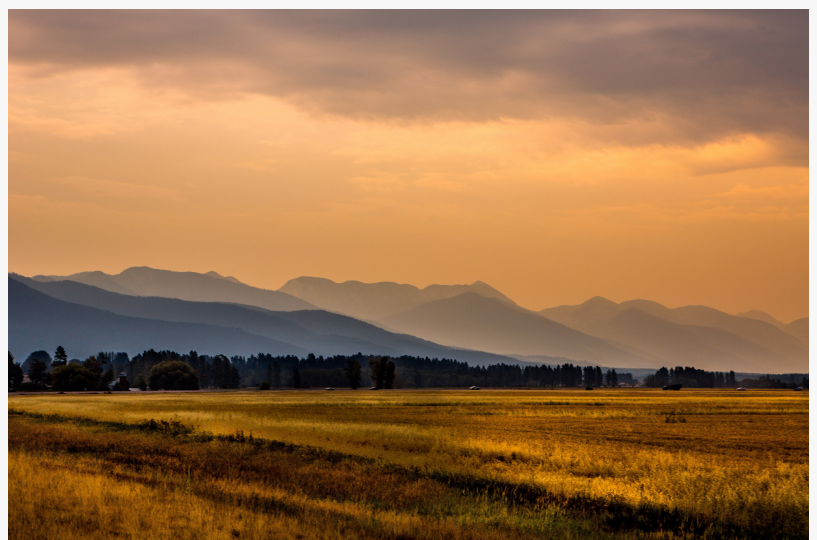
successful."

Unlike other measurement, reporting and verification (MRV) systems which rely on self-reported analysis, flow meters and localized leak detectors to estimate emissions, Secured Carbon's MRV addresses concerns about greenwashing by directly and continuously measuring the impact of a project on the surrounding air. It is based on the ground-breaking low-cost Berkeley Environmental Air Quality CO₂ Network ([BEACO₂N](#)) developed by Ronald Cohen, the chief scientist of Secured Carbon and a professor of Atmospheric Chemistry at UC Berkeley.

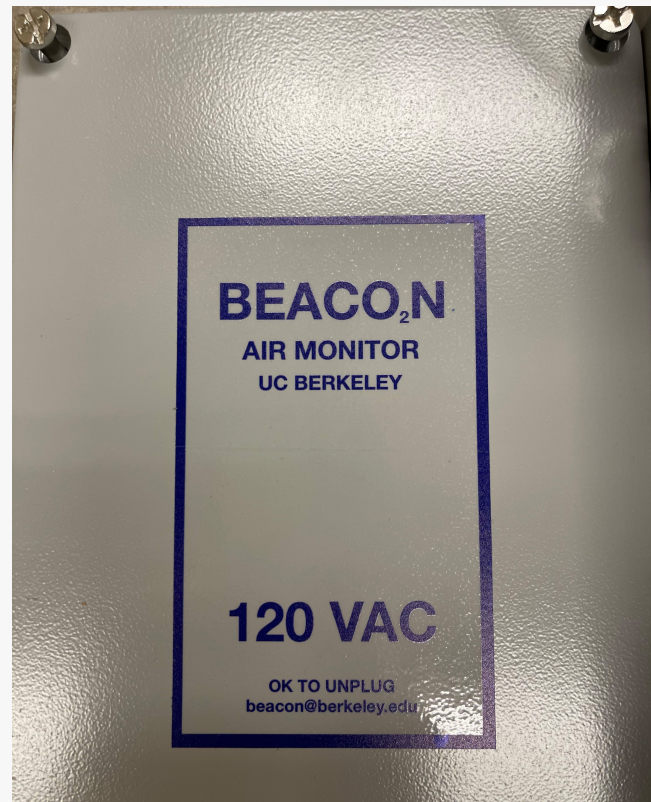
Pursuant to the Inflation Reduction Act's requirements for EPA and IRS MRV standards, Secured Carbon verification and monitoring will support higher accountability and transparency for Synergy's climate transition project.

"This novel work is needed to link the science of estimating and mapping GHG emissions and will be of significant interest and utility to the financial sector," said Thomas Lauvaux, Research Scientist in Atmospheric and Carbon Cycle Sciences and Professor at the University of Reims Champagne-Ardenne. "We look forward to reading the project reports, learning more about the application of this work, and inspecting the resulting data sets."

Synergy's Clean Energy platform is lead by Mr. King, who has extensive experience in the energy market place and is a serial entrepreneur. Lee Hightower, Synergy's President, has developed a flexible and efficient oxyfuel



Synergy is building a Carbon Capture Utilization and Sequestration (CCUS) project in northwestern Montana.



Secured Carbon's atmospheric MRV is designed to address concerns about greenwashing by directly measuring the impact of a project on the surrounding air based on the ground-breaking Berkeley Environmental Air Quality CO₂ Network (BEACO₂N)

combustion prototype genset requiring simple water vapor condensation for effective carbon capture and storage of the emissions.

“Secured Carbon’s MRV will bring the highest level of efficiency and integrity to Synergy’s operations,” said Mr. Hightower.

Secured Carbon is a California benefit corporation whose mission is to continuously monitor and rate projects and localities to give investors confidence that their spending has the desired impact on the climate's bottom line.

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