



FOR IMMEDIATE RELEASE

Robinson Carbon Announces Its First Industrial Scale Biochar Facility

40,000 CORCs per year expected, scaling to 160,000 at full buildout, to be certified by Puro

NEW YORK, September 21, 2026. Robinson Carbon, the carbon products arm of 133-year-old wood products manufacturer Robinson Lumber Company, today announced Red River, its first industrial-scale biochar facility, to be built in Alexandria, Louisiana. The site is scheduled to begin production in the second quarter of 2027, with first CORC issuance expected in the third quarter. In its first phase, the site will convert approximately 100,000 metric tons of wood waste per year into 16,500 tons of biochar, and on completion of its certification process under the Puro Standard, generate approximately 40,000 CO₂ Removal Certificates (CORCs). Robinson Carbon will manufacture biochar to customer specification for a range of markets including horticulture, agriculture, and pollution remediation.

“Four years ago, I toured a biochar facility and watched the same residue stream Robinson has handled for more than a century be converted to permanent carbon removal for the benefit of local communities,” said Hank Marchal, Senior Principal. “There are very few businesses in the world where everyone wins. Sustainable forestry is one, and carbon removal via biochar is another. It is exciting to bring that idea home to Louisiana, and even more exciting to see it take shape at scale.”

Puro.earth will certify Red River under the Puro Standard, the carbon crediting standard and registry it operates. Independent third-party auditors verify removals against the published biochar methodology, and Puro issues the resulting CORCs, each representing one ton of CO₂ removed. The registry shows 35,408 biochar CORCs of 2025 vintage issued to U.S. producers, and 3,461 CORCs of 2026 vintage to date. With its first phase designed to produce 40,000 CORCs per year, Red River is planned for phased expansion to 160,000 CORCs per year at full buildout.

“Demand for verified biochar removals from the United States is well ahead of supply,” said Jan-Willem Bode, President of Puro.earth. “Red River brings a meaningful new volume from an operator with a long manufacturing record behind it, and Puro is glad to be its certification partner as it scales its operations.”

Robinson Carbon has selected Beston Group BST-50S rotary drum pyrolysis reactors for Red River, and will install two units in the first phase. “Once installed, the two BST-50S units will make Red River the largest Beston installation in North America,” said Henry He, CEO of Beston Group. “When we visited the site earlier this year, we saw a partner with real manufacturing discipline. We are honored to support Robinson Carbon through commissioning and beyond as the site expands.”

Robinson Carbon will source Southern Yellow Pine feedstock from large mills in the immediate vicinity of the site, where those mills already aggregate it as a byproduct of continuous manufacturing. Robinson Lumber buys directly from hundreds of sawmills in rural communities across the United States. Feedstock sustainability and chain-of-custody documentation will meet or exceed the requirements of FSC, SFI, and other accepted standards. Paper mill closures and canceled biomass energy projects have left central Louisiana mills with fewer outlets for their residuals. Red River gives that material a permanent use, and a market for residuals supports the working forests and rural communities that produce them.

“Biochar production rewards precision,” said Larry Dodson, Principal Engineer. “Red River’s production data will be captured continuously through digital monitoring, building a complete, verifiable record for independent auditors from the facility’s first day of operation.”

Before committing to industrial scale, Robinson Carbon fielded a BET PRD1000 pilot reactor at Robinson Lumber’s flagship manufacturing site in New Albany, Indiana, to gain hands-on experience with biochar production, feedstock handling, and product specification. Robinson has since moved the reactor to Alexandria, where it will train the crew that runs Red River.

Red River is expected to create 42 new jobs in Alexandria, running around-the-clock operations. CEO Garner Robinson leads the Robinson Carbon team, which includes Hank Marchal (Senior Principal), Brooklyn Legg (Strategy Lead), Fatima Haque (Carbon Science Lead), and Larry Dodson (Principal Engineer). The company is actively hiring in Alexandria.

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PHOTO: pilot reactor on site. Caption: Robinson Carbon’s pilot reactor, relocated to Alexandria, will train the crew that runs Red River. Credit: Robinson Carbon.

About Robinson Carbon

Robinson Carbon is an industrial biochar manufacturer based in New Orleans, Louisiana. The company permanently removes carbon by converting wood manufacturing residues that would otherwise combust or decompose into stable biochar for horticulture, agriculture, and pollution remediation. The company is the carbon products arm of Robinson Lumber Company, a sustainable wood products manufacturer founded in 1893 and led today by the fifth generation of the Robinson family. Robinson Lumber owns and operates manufacturing and concentration yards, buys directly from sawmills in rural communities across the United States and the global south, and serves customers in more than seventy countries. For more information, visit robinsoncarbon.com.

Project Red River is supported in part by a grant from the USDA Forest Service Wood Innovations Program. In accordance with Federal law and U.S. Department of Agriculture policy, this institution is prohibited from discriminating on the basis of race, color, national origin, sex, age or disability. (Not all prohibited bases apply to all programs.) To file a complaint of discrimination: write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 1400 Independence Avenue, SW, Washington, D.C. 20250-9410 or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

About Puro.earth

Puro.earth is the world's leading carbon-crediting platform for durable carbon dioxide removal (CDR). Via the Puro Standard's rigorous carbon credit methodologies, suppliers that remove carbon dioxide from the atmosphere to durable storages for at least 100 years are certified and issue CO2 Removal Certificates (CORCs) into the transparent Puro Registry.

CORCs are then purchased by ambitious corporations such as Microsoft, Shopify, and Zurich Insurance, to help address climate change and neutralise residual carbon emissions. In 2021, Nasdaq acquired a majority stake in Puro.earth, and together they are driving forward the carbon removal industry, enabling new revenue streams to accelerate carbon removal.

Puro.earth is an ICVCM Eligible Carbon Crediting Programme.

For more information, visit puro.earth

About Beston Group

Founded in 2013, Beston focuses primarily on the research, development, and manufacturing of pyrolysis technology and equipment, and provides clients with resource recovery solutions, such as biochar CDR, and waste plastic recycling.

For more information, visit bestongroup.com

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