PyroCCS | LOTUS SINGAPORE | Counteract

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PyroCCS Closes Funding Round from Lotus One Investment and Counteract

Proceeds to enable PyroCCS to accelerate its development of an industrial-scale biocarbon, biofuels, and carbon removal supply chain based on its proprietary technology and a growing base of projects worldwide.

COLOGNE, Germany — 8 September 2026 — PyroCCS GmbH, together with investors Lotus One Investment (Singapore), Counteract (London), and private individuals, today announced the close of PyroCCS's initial external funding round. The equity investment is a strong vote of confidence in the high-volume supply chain PyroCCS is building to serve industrial customers seeking tailored biocarbon, biofuels, durable carbon removal and baseload power. Through its proprietary pyrolysis-based technologies, PyroCCS simultaneously converts low-value biomass into valuable solid, liquid, and gas product streams, enabling biomass owners to capture the full value of their feedstock. Proceeds will fund further development of PyroCCS's technologies, the advancement of key projects across Africa, Asia and the Americas, and the continued qualification of PyroCCS products with new partners.

The opportunity is vast. Over five billion tonnes of low-value biomass are sustainably accessible worldwide each year, a pool that is expanding with autonomous collection technologies. Much of it is left to decompose, used for low-value energy applications, or lost in open fires and increasingly severe wildfires, driving local pollution and an estimated eight gigatonnes of CO_2-equivalent emissions annually via methane and nitrous oxide.

Converted and aggregated, that same biomass can decarbonise steel and metallurgy, refining, shipping and aviation, deliver durable carbon removal, and provide baseload renewable power. Buyers in these markets purchase against tight specifications and in volume. PyroCCS contracts this demand directly and delivers from a growing base of partners and projects built on its Gravity Series™ plants, which turn waste and low-value biomass into specification-grade biocarbon, bio-oil, carbon removal, and baseload power. The Sarva Plant Operating System optimises production and provides full supply chain visibility, with integrated digital monitoring, reporting and verification (dMRV) connecting every plant to carbon standards including Isometric, Puro and Carbon Standards International. PyroCCS supplies forward-contracted, cost-competitive, and reliable products at volume.

On the carbon side, PyroCCS works with several multinational companies. Its high-value bio-oil extraction technology was recently recognised among the winners of the CarbonX 2.0 programme run by Tencent, the technology group behind WeChat. Through the programme, PyroCCS was awarded a carbon removal credit purchase agreement with the company.

PyroCCS contracts with industrial buyers and partners with biomass owners on the ground, from forest managers and wood processors to agricultural growers and processors, to bring new supply online. To these partners, PyroCCS provides technology, contracted offtake, integrated dMRV & operating software, and access to financing, all the elements needed to remove barriers for new biomass projects.

PyroNam, PyroCCS's flagship project in Namibia, converts encroaching bush, which is otherwise degrading more than half of the country's land, into valuable products. This is proving the model at scale while creating substantial employment and economic development. Underpinning this is a clear conviction: biomass projects become investable at scale when they rest on solid, diversified revenue streams rather than a single, volatile income stream. By using its technology to unlock high-volume demand, PyroCCS builds the project economics that open access to capital, from local financial institutions to development finance institutions, infrastructure and credit funds, and commercial banks.

"By generating multiple products from biomass through our easily deployable systems, we offer some of the hardest-to-abate sectors a clear path to cost parity with the fuels and carbon inputs they use today and durable carbon removal at industry-leading prices. At the same time, biomass owners around the world are waking up to the value their biomass holds, but no one is putting the pieces together: the technology, the offtake and the revenue certainty that successful projects require. PyroCCS connects the two sides. Lotus One and Counteract are backing this integrated approach with high conviction, giving us added capital to accelerate on the foundation we have laid over the past years."

Timo Herbrand
Chief Executive Officer, PyroCCS

"Reaching climate targets will be impossible without removing carbon at enormous scale and decarbonising the largest emitting industrial sectors. PyroCCS has among the most credible and deployment-ready pathways to help this happen. What drew us to PyroCCS is that they treat this opportunity as the industrial commodity challenge it is: they are building an integrated biomass and biochar company that brings together the proprietary technologies, the multi-product offtake, and the financing structures needed to widely deploy biochar for carbon removal and as drop-in products for industrial decarbonisation. That diversified and integrative approach is the kind of catalytic, self-sustaining model we back at Counteract."

Andy Bonsall
Co-founder & Partner, Counteract

"We look for businesses where social impact and strong commercial fundamentals reinforce one another across diverse geographies. PyroCCS stands out through its integrated approach to climate impact: combining deployable technology, diversified revenue streams and access to financing to transform underused biomass into valuable products for hard-to-abate industries and durable carbon removal. This creates a credible pathway to scale across markets, and we are pleased to support the fantastic team of founders in their next phase of growth."

Asmita Dwivedi
Investment Partner, Lotus One Investment
Founder & CEO, Apramae AB

— ENDS —

ABOUT PYROCCS

PyroCCS GmbH is a Germany-headquartered company, founded in 2022, that maximises the value of biomass and drives industrial decarbonisation. Through its proprietary Gravity Series pyrolysis systems and Sarva Plant OS, PyroCCS converts waste and low-value biomass into specification-grade biocarbon, bio-oil and carbon removal, alongside baseload power, serving industrial customers in some of the hardest-to-abate sectors. By combining this technology with secured offtake and access to financing, PyroCCS partners with local operators to deliver bankable projects across Africa, the Americas, India, Southeast Asia and Europe. Learn more at www.pyroccs.com.

ABOUT LOTUS ONE INVESTMENT & LOTUS IMPACT INVESTMENTS

Lotus One Investment Pte. Ltd. is the investment vehicle of the Singapore-based Lotus Family Office, a third-generation single-family office established in 2019 with a focus on strategic investments across South Asia and Europe, spanning hospitality, luxury goods, growth capital, listed equities and impact-oriented investments. Its investment in PyroCCS was made through Lotus Impact Investments, the impact-focused initiative within the Lotus ecosystem, for which Apramae AB acts as Venture Partner.

ABOUT COUNTERACT

Counteract is a London-based venture capital fund investing exclusively in carbon dioxide removal (CDR). Viewing removal as unavoidable for net zero — with the world needing to reach 5–10 billion tonnes of CO_2e removed annually by 2050 — Counteract backs a diversified portfolio across all six CDR pathways (oceans, forests, soil, biomass, direct air capture and mineralisation) at pre-seed and seed stage. It invests worldwide against four criteria: catalytic potential toward planetary scale, diverse and additive solutions, self-sustaining business models, and responsible, regenerative pathways.

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