

PYREG launches comprehensive support services to accelerate Biochar Carbon Removal Project Development

Strategic partnerships with industry leaders in digital Monitoring, Reporting, and Verification (dMRV), Carbonfuture, and Mangrove Systems

[DÖRTH, 26th of September 2024] – PYREG, a leading manufacturer of high-tech biochar production equipment, is launching a new consulting and implementation service designed to assist biochar project developers from concept to completion. To this end, PYREG has forged strategic partnerships with industry leaders in digital monitoring, reporting, and verification (dMRV), Carbonfuture, and Mangrove Systems, ensuring that developers can access cutting-edge tools and transparent reporting throughout their project lifecycle. With this new service offering, PYREG solidifies its position at the forefront of the biochar carbon removal industry, offering full support at every stage of project development.

The new suite of services, including tailored engineering studies, expert consultations, project finance structuring, and comprehensive biochar carbon removal (BCR) credit sales and management, is designed to guide developers through the technical and financial complexity of biochar projects. By facilitating the monetization of carbon credits and leveraging an expanding network of specialized investors, PYREG plays a crucial role in securing funding and accelerating the realization of sustainable biochar initiatives.

"PYREG's new services provide biochar project developers with the tools, partnerships, and financial solutions they need to thrive in a rapidly evolving industry," said Jan Cihlar, VP Climate Finance at PYREG. *"Our focus is on making the entire process easier and more effective, from engineering and funding to the sale of carbon credits, while massively enhancing the transparency of the whole supply chain to the credit buyers."*

PYREG's strategic focus on enhancing transparency and digitization is a top priority for strengthening and expanding the BCR market. Through its new strategic partnerships with Carbonfuture and Mangrove Systems, PYREG has developed a system that enables digital tracking of feedstock and biochar from production to end-use application, while integrating live data from more than 200 sensors on PYREG machines into biochar carbon removal protocols. Once implemented, this advancement could set new

standards for high-tech biochar carbon removal and help differentiate between varying qualities of biochar projects.

“We are thrilled that PYREG has selected Carbonfuture as the exclusive dMRV partner for the European BCR projects supported by PYREG. Carbonfuture’s dMRV system (Carbonfuture MRV+) improves accuracy and speeds up certification through the integration of data from monitoring devices, streamlining data collection and reporting processes for CDR suppliers. This makes third-party verification faster and more reliable, ensuring projects meet the highest standards of quality and reliability. Our solution not only builds trust with CDR buyers but also helps projects scale efficiently.”, said Nikolaus Wohlgemuth, Head of CDR Infrastructure and New Pathways at Carbonfuture.

“Mangrove Systems is thrilled to have been selected by PYREG as the exclusive dMRV partner for North American biochar projects supported by PYREG,” said Evan Little, Chief Operating Officer at Mangrove Systems. *“Mangrove Nexus has become the leading digital MRV provider for BCR project developers looking to bring complete traceability across their value chain and provide heightened transparency and audibility behind their project data. By aggregating measurement & monitoring data in Mangrove Nexus, project developers can streamline production reporting for commercialization to registries, accelerate verification and de-risk ongoing certification, and drive scalability in their project operations.”*

About PYREG

PYREG is a leading manufacturer of advanced biochar production equipment dedicated to enabling sustainable carbon removal with cutting-edge technology. All 60 plants with their different applications and capacities have the potential to remove 60,000 tons of CO₂ per year.

PYREG offers end-to-end biochar project development, encompassing technical studies, project structuring and financing, and comprehensive BCR credit advisory and management services. Together with our network of partners, our solution covers the entire project lifecycle, from initial feasibility and financing to facility registration, dMRV, credit insurance, ongoing credit management, and, ultimately, efficient generation and sale of high-quality BCR credits.

For more information on how PYREG can support your biochar project, visit <https://pyreg.com/>.

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About Carbonfuture

Carbonfuture is the Trust Infrastructure for durable carbon removal. At its core is Carbonfuture MRV+, which provides a fully integrated, end-to-end solution for monitoring, reporting, and verification of carbon removal projects. Carbonfuture MRV+ supports the entire carbon removal lifecycle—from initial project support and due diligence to third-party verification and certification—ensuring the highest standards of integrity and transparency. Carbonfuture is the preferred partner for suppliers seeking an efficient path to certification and market access, as well as for buyers looking for de-risked portfolios of high-quality carbon removal credits. We are proud to work with leading climate pioneers such as Microsoft, Swiss Re, and the World Economic Forum’s First Movers Coalition.

For more information, please visit www.carbonfuture.earth

About Mangrove Systems

Mangrove Systems provides the leading digital measurement, reporting, and verification (digital MRV) solution for carbon dioxide removal (CDR) and carbon capture & storage (CCS) projects. Mangrove tracks every molecule of CO₂ that flows through project operations, providing a digital, fully auditable system to support project commercialization & compliance. Mangrove Systems is trusted by many of the largest carbon projects in the world to bring trust, transparency, and integrity to carbon project operations.

For more information on Mangrove Nexus for Biochar, visit <https://www.mangrovesystems.com>