

PYREG becomes the first endorsed technology provider by Puro.earth

German NetZero tech company is the first technology provider to be endorsed by carbon crediting platform and Nasdaq subsidiary Puro.earth.

Dörth / Helsinki 27 July 2023: German mechanical engineering company PYREG GmbH and European market leader in manufacturing facilities for permanent carbon dioxide (CO₂) removal through biochar, becomes the provider to be endorsed by Puro.earth. The Nasdaq subsidiary is the world's leading crediting platform for engineered carbon removal.

With this endorsement, PYREG's BCR (Biochar Carbon Removal) technology becomes the first of all carbon removal technologies to receive "Endorsed Technology Provider" status from Puro.earth. With this recognition, PYREG's carbonisation plants meet the strict technical requirements of the Puro Standard for carbon removal credits, so-called CO₂ Removal Certificates (CORCs). This is not only with regard to the quality of the end product Biochar but in particular with regard to the production process through PYREG's technology, which can comply with all emission limits set worldwide.

PYREG's plants enable the industrial carbonisation of biogenic residues for the permanent removal and binding of CO₂ from the atmosphere in the form of high-quality biochar. The patented and certified carbonisation technology stabilizes CO₂ from the atmosphere to be stored e.g. as a soil improvement substance. PYREG's flagship, the PX1500, can sequester as much CO₂ as 180,000 trees bind in a year. More than 50 plants are now in operation worldwide.

"We are very pleased about the recognition of our technology by Puro.earth as an 'Endorsed Provider', says Jörg zu Dohna, CEO of PYREG. And he emphasises: "Confidence in the carbon removal market and thus in the

financial viability of the technologies will only develop further if BCR technologies meet international industrial and environmental standards in every respect. By raising the quality requirements for carbon removal technologies, Puro.earth is sending a clear message to CDR market participants." Through the Puro Accelerate programme, they have the opportunity to secure funding for their projects and thus make a relevant contribution to the Paris Carbon Removal targets.

"PYREG is a pioneer in the biochar sector. PYREG machines produce high quality biochar that meets the strict approval requirements of the Puro Standard. This endorsement aims to enable biochar producers to monetise and finance their carbon removal activities. Together, we want to advance the scaling of CDR technology as an important contribution to combating climate change," says Antti Vihavainen, co-founder and CEO of Puro.earth.

For more information on the endorsement, visit:

<https://carbon.puro.earth/blog/partners/pyreg>

About Puro.earth

Puro.earth is the world's leading carbon crediting platform for engineered carbon removal. Our mission is to mobilize the economy to reward carbon net-negative emissions by helping voluntary corporate buyers accelerate carbon dioxide removal at an industrial global scale. In 2021, Nasdaq acquired a majority stake in Puro.earth and together we are driving forward the carbon removal industry, via Puro Standard certified CORCs enabling new revenue streams to accelerate its growth.

About PYREG

PYREG GmbH is an industry leading German manufacturer of machines for carbonizing organic waste (biomass, sewage sludge, etc.) into CO₂-binding biochar while generating renewable energy. The NetZero Tech company and pioneer in the field of Biochar CO₂ removal (BCR) was founded in 2009 as university spin-off and has already won numerous awards.

All PYREG's 50+ plants commissioned worldwide sequester a total of 30,000 tons of CO₂ per year. In 2022, PYREG founded its US subsidiary in Portland (Maine).

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