

NetZero - For climate and people, now.

Price 0 € / CORC



ITEM

Item URL: <https://puro.earth/100183>

Item reference number #100183

DEALER

NetZero

Homepage address: www.netzero.green

Phone: www.netzero.green

Email address: contact@netzero.green

Contact person: Olivier Reinaud

Location: Cameroon

DESCRIPTION

NetZero was founded in 2021 by Axel Reinaud, Aimé Njiakin, Prof. Jean Jouzel, and Olivier Reinaud. Its objective is to bring at scale biochar, one of the few solutions that can durably remove carbon from the atmosphere. By leveraging biochar's co-benefits, NetZero's model simultaneously tackles three pressing challenges in developing countries: climate change, sustainable agriculture, and access to energy.

NetZero has built Africa's first industrial-scale biochar production plant in Nkongsamba, Cameroon. The facility uses coffee husk (a waste product of coffee processing) as a feedstock and operates on a very local and circular model that maximises biochar's co-benefits. NetZero wants to replicate this model in tropical developing countries, taking advantage of the very large amounts of unused crop residues available locally.

NetZero is a Milestone Award winner in Elon Musk's XPRIZE Carbon Removal competition and recipient of the 'Efficient Solution' label from Solar Impulse Foundation. NetZero's objective is to reach an annual removal capacity of 2 million tonnes of CO₂ by 2030, and to continue on an exponential growth trajectory afterwards.

CARBON REMOVAL INFORMATION

Carbon removal method :	Biochar
Capture of CO₂:	Photosynthesis
Stabilization of CO₂:	Pyrolysis
Stabilization of CO₂:	Pyrolysis
Permanence:	Over 100 years
Status of production:	Audited
Unit of product volume:	tonne

NetZero - For climate and people, now.

Price 0 € / CORC

Year of first issuance: 2022

Examples of usage:

Biochar is used by local farmers as a soil amendment to reduce the use of synthetic fertilisers while improving crop yields.

Co-benefits:

On top of carbon sequestration, biochar is a powerful soil amendment that notably improves crop productivity — especially in tropical soils, where productivity is raised by +25% on average (Jeffrey et al., 2017). This translates into increased income for farmers, with a strong positive social impact.

Economic acceleration impact:

CORCs make the project viable, provide funds for the scale-up of NetZero's model, and allow to subsidise the selling price of biochar to make it affordable for local farmers.

AUDIT INFORMATION

Audit statement :

https://static.puro.earth/live/uploads/tinymce/Suppliers/NetZero/20221021_NetZero-_001_Nkongsamba_Final_Audit_Statement_vF.0.pdf

Facility ID:

643002406801000664

Independently verified by:

EnergyLink Services Pty Ltd