

Certificate of Procurement

Sparda-Bank Hamburg has successfully offset 5 tonnes of greenhouse emissions with the purchase of certified carbon credits.

5
tCO2e

Project Details

Bioenergie Grauel



Registry



Project ID

GCSP1198

Methodology

C-Sink Biochar

Country

Germany

Validated by



Category

Biochar

Retirement details

Retirer

Senken

Beneficiary

Sparda-Bank Hamburg eG

About

This high-integrity carbon removal project converts regional wood residues into electricity, heat, gas, and biochar using a Syncraft reverse power plant. It is designed under the Global Biochar C-Sink Standard (GBCS 3.1), validated by CERES-CERT, and registered in the Global C-Sink Registry as Project ID GCSP1198. Over its first five years, the plant is expected to process approximately 14,750 tonnes of dry feedstock and produce around 3,000 tonnes of EBC-grade biochar, establishing an estimated 9,350 tCO2 of carbon-sink potential, of which about 7,012 tCO2 is permanent and about 2,338 tCO2 is temporary under the PAC and SPC categories. The project locks carbon in stable biochar incorporated into soils and materials and supplies renewable heat and power to the local area.

Bioenergie Grauel is located in Mayen, Rhineland-Palatinate, Germany (50.3149664, 7.2473707). Feedstock is sourced from regional FSC or PEFC certified residual wood. Biochar production follows European Biochar Certificate requirements and the operator holds an active EBC producer certificate. The project is highly replicable and can be scaled to other wood-residue regions in Germany.

