Operational

Novocarbo Baltic...

Biochar

On demand

In stock

0

Certified

Durability

CORC 100+

Production facility country

Germany

Request info from supplier

Description

At Novocarbo, we just launched (10/2023) the first large-scale carbon removal project in Germany.

In the pursuit of climate neutrality, we have successfully established a culture of (1) actively removing atmospheric CO2, (2) sequestering it into biochar to prevent any further contribution to global warming and (3) putting this valuable carbon to novel use: By converting high volumes of biogenic residues into carbon dioxide removals (CDR) on an industrial scale, we facilitate healthy soils and blue-green infrastructure concepts as well as the transition to a circular economy.

Once incorporated into soil the contained carbon is removed from the natural cycle for centuries: A stable CO2 sink and the sole, long-term and environmentally beneficial CDR – capable of reaching commercial scale – is on the verge of becoming a reality.

Parallel to existing capacities, a new carbon removal park of Novocarbo started production in Q4 2022 in the northern part of Germany, which generates about 3,700 CORCS annually, with potential for further expansion.

Alongside biochar sourced from sustainable organic material, significant heat quantities are generated, hence the municipal grid is fed with clean and sustainable energy. The facility serves as our third production site and will support our central sustainable substrate production. This plant will further enable us to expand our intensive R&D endeavours and allow for a broader approach to collaborative projects.

Co-benefits

Environmental Benefits:
Our manufacturing process is state of the art. Once activated, the autothermal process runs largely on its own and requires just marginal additional energy input, long-term sourced from renewable energies. This will result in a CO2-negative production process and the excess energy is fed into the grid.

Our process ensures the highest product quality and integrity through compliance with internationally accepted norms such as the