

Factsheet,
February 2025

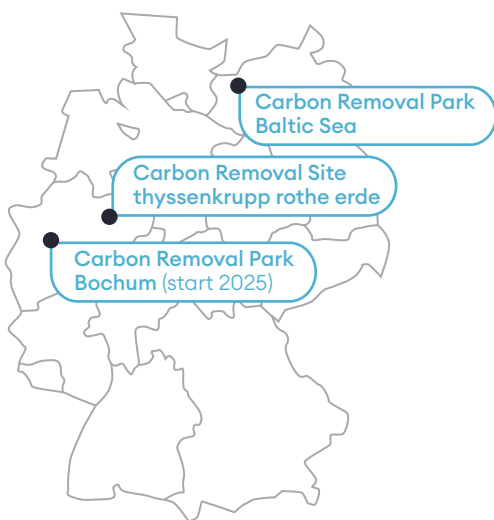
Company

Founded: 2017

Headquarters: Hamburg

Employees: >35

Production sites:



Managing Directors:



CEO
Caspar von Ziegner



COO
Marie de Lauzon

Do you have any questions?

We are happy to help:

info@novocarbo.com

* Example: Output of Carbon Removal Park Bochum

Business model

Novocarbo is accelerating the economy's transition to net zero with a special product concept: biochar. We take carbon from the atmosphere, put it to use in sustainable products, and generate renewable energy.

With our Carbon Removal Parks we aim to capture 1 gigatonne of CO₂ from the atmosphere by 2050.

Technology & production

We use state-of-the-art **pyrolysis technology** to process plant residues into biochar. In the process, the carbon in the biomass is bound and permanently stored in the biochar.

The pyrolysis process also produces **regenerative, climate-neutral surplus energy**. We establish "heat-as-a-service" partnerships with local companies or municipal utilities with each new Carbon Removal Park.

In addition, we trade **carbon removal certificates**. They can be generated for the amount of carbon safely removed, once the biochar is added to a permanent carbon sink (e.g., in soil or concrete).

