

Factsheet, December 2025

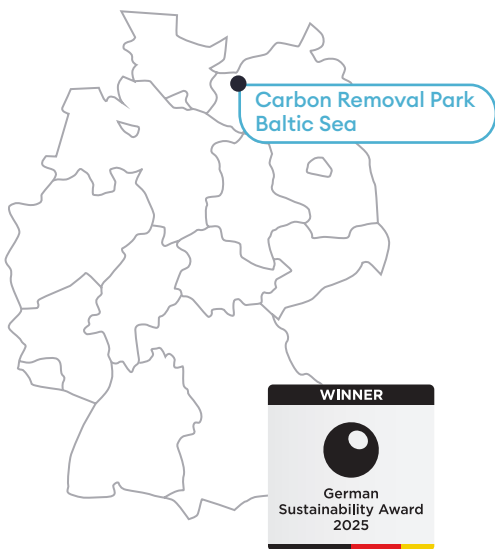
Company

Founded: 2017

Headquarters: Hamburg

Employees: ~20

Production site:



Managing Director:



CEO
Dr. Karl R. Kolmsee

“Building on Novocarbo's leadership in the BCR industry, we are now expanding our infrastructure, overcoming boundaries, and turning ambitions into concrete results.”

Do you have any questions?

We are happy to help:

info@novocarbo.com

* Our Carbon Removal Parks are scalable and customized to individual needs

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 and our trading activities 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 "energy-as-a-service" partnerships with local companies or municipalities 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 asphalt).

