

Factsheet, January 2023

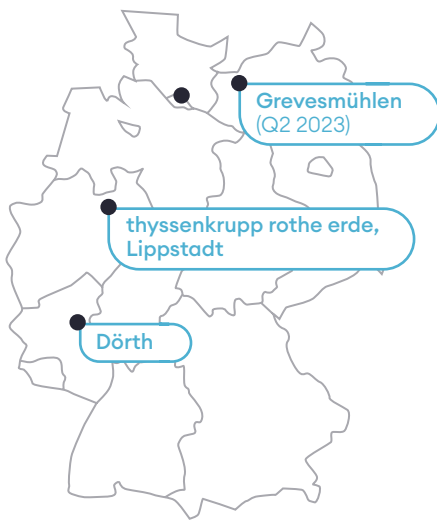
Company

Founded: 2017

Headquarters: Hamburg

Employees: 23

Production Sites:



Management:



CEO
Caspar von Ziegner



CFO
Sven Wissebach



CCO
Venna von Lepel

Do you have any questions?
We are happy to help:
info@novocarbo.com

Business Model

Novocarbo is driving decarbonization and the expansion of renewable energy with a special product concept: we build and operate carbon removal parks that will enable us to remove up to 30,000 t of CO₂ from the atmosphere annually by 2025.

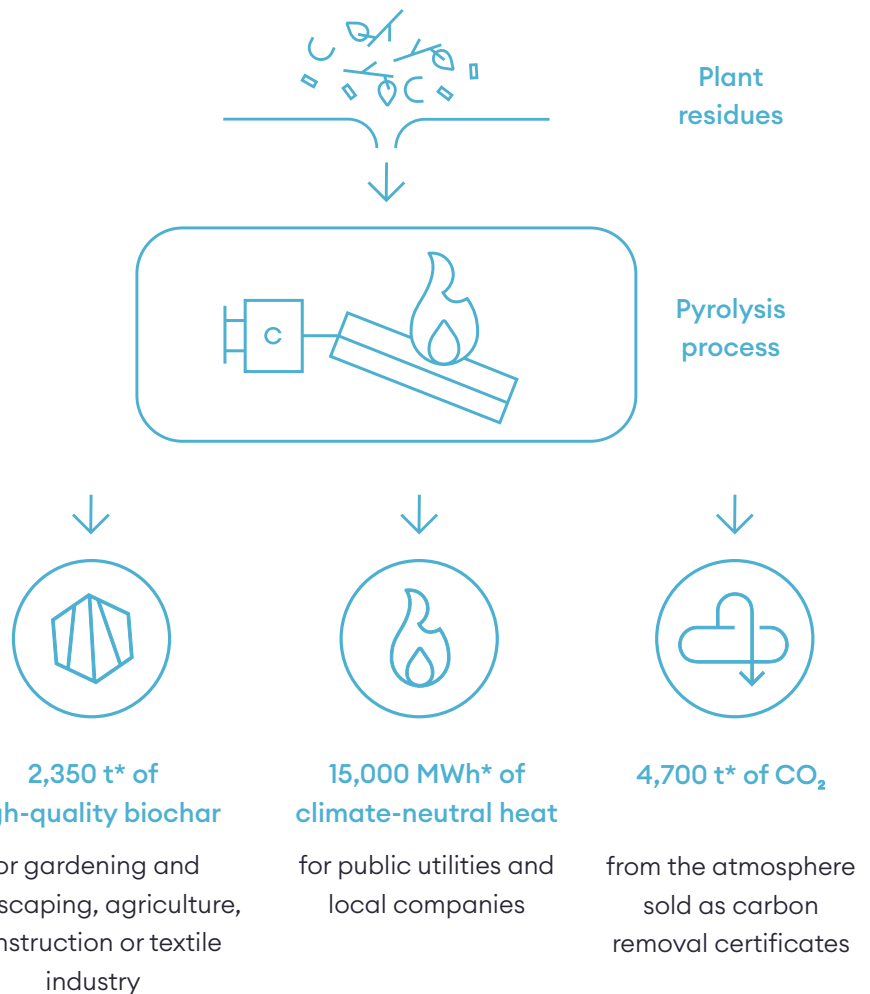
Our goal is to remove 1 million t of CO₂ from the atmosphere until 2030.

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**. If the biochar is added to a permanent carbon sink (e.g., in soil or concrete), a certificate can be generated for the amount of carbon safely removed.



* Production volume in 2023