

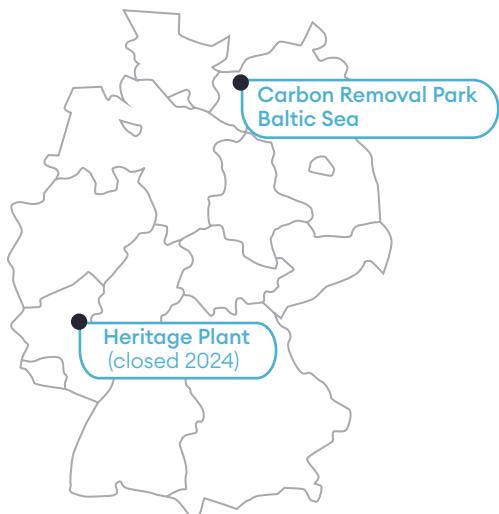
Energy-as-a-Service

Your benefits:

- No investment costs
- Independence of the energy market
- No CO₂ compensation costs arise in the long term
- No maintenance and servicing effort
- Stable price in the long term

→ Your all-in-one solution for heat decarbonization

Our production sites:



Do you have any questions?

We are happy to help:

sitedev@novocarbo.com



Robert Große-Ahler
Chief Project Officer

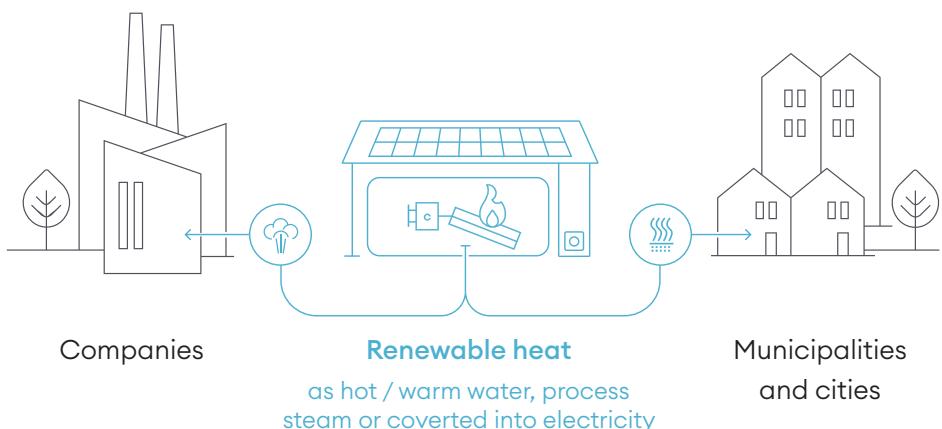
Visit our website
for more insights:



Independent of fossil energy with renewable heat

With Novocarbo's Energy-as-a-Service solution, you can achieve the heat and electricity transition quickly and risk-free.

We build and operate Carbon Removal Parks worldwide, combining circular economy with green energy generation. With modern pyrolysis technology, we process plant residues into biochar. The carbon contained in the biomass is thus captured and permanently stored in the biochar. As a result, we aim to capture 1 gigatonne of CO₂ from the atmosphere by 2050.



Technology

The pyrolysis process generates renewable surplus energy, which we offer to companies or municipal utilities in form of Energy-as-a-Service partnerships.

Our Carbon Removal Parks are modular concepts and have an annual heat production capacity of at least 18,000 MWh. We provide the heat as hot water, warm water, or process steam, or convert it into power.

Here's how it works:



We design a customized heat and electricity concept tailored to your needs.

You choose an Energy-as-a-Service partnership with us.

We build a Carbon Removal Park and implement the energy solution on site.

We operate the pyrolysis plant and supply heat and possibly electricity directly into your system.

You benefit from renewable energy.