

## Bussme Biochar - Sweden

Price 150 € / CORC



# BUSSME BIOCHAR

### ITEM

Item URL: <https://puro.earth/100034>

Item reference number #100034

### DEALER

Bussme Biochar AB

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Location: Bäckgatan 4, 233 31, Sweden

### DESCRIPTION

We at Bussme keep circular economy at the heart of our business, our district heating network as the bloodstream and our biochar as the muscles in carbon removal.

We are designing, building and operating biomass based district heating plants in Southern Sweden. Our district heating systems enable buildings, companies and municipalities to convert from fossil oil and gas to carbon-neutral heating.

The level of carbon in our biochar typically ranges between 85-90% indicating the quality of our pyrolysis units and the biochar itself.

We strongly believe in biochar as a product with its physical features but also as carbon sink. And we think it is one of the most accessible ways of defying climate change. For this reason we have set a target to produce 10 000 m3 of biochar during 2022. This will be done by commissioning two new plants in 2021.

### CARBON REMOVAL INFORMATION

<b>Carbon removal method :</b>	Biochar
<b>Capture of CO2:</b>	Photosynthesis
<b>Stabilization of CO2:</b>	Pyrolysis
<b>Stabilization of CO2:</b>	Pyrolysis
<b>Permanence:</b>	Over 1000 years
<b>Status of production:</b>	Audited
<b>Unit of product volume:</b>	tonne
<b>Embodied carbon in product:</b>	2,774
<b>Year of first issuance:</b>	2021
<b>Examples of usage:</b>	Soil improvement Feed additive Water treatment Biogas additive

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**Co-benefits:**

Studies indicate higher crop yields when adding biochar to the soil.

**Economic acceleration  
impact:**

The extra income from Puro.earth allows us to deploy more biochar-district heating facilities in Sweden.

**Posted on :**

14/06/2021

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**AUDIT INFORMATION**

**Audit statement :**

[https://static.puro.earth/live/uploads/tinymce/Suppliers/Bussme\\_Biochar/Certificate\\_Bussme\\_2022\\_PURO\\_Verific](https://static.puro.earth/live/uploads/tinymce/Suppliers/Bussme_Biochar/Certificate_Bussme_2022_PURO_Verific)

**Facility ID:**

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**Independently verified by:**

DNV