

## Market for Carbon, Charcoal activated Coal Valorization of by-products from small scale gasification

### 1 General

This Annex is mentioned to give an impression what market, market player or market fields could be involved for the different potential C containing by-products, produced by the small-scale wood gasifier CHP units. These lists are not complete. The mentioned companies chosen are by chance and not with any preferences. This information's are public in the www and shall give an idea for the most promising market fields.

- a. Soli improvement
- b. Charcoal, BBQ-coal
- c. Activated coal
- d. Animal Food
- e. Medical Coal

Due to specification and standards the carbon market is a very closed, hidden and a special market. As higher the value of the products is, as more it is difficult to get information, specification and values of the different producer and costumer. It is a typical thrust and person-to-person business. The information collected are examples. We also can observe as higher the price as more locked up information are! Similarity are to observe to the diamond market! Notice that diamond also is pure carbon physically seen.

Table shows existing market fields

Carbon utilization	Production by	Coming from	Raw material	General expretions	Brand names
<b>Filter absorber</b>	gasification pyrolyze	biomass	wood	Activated carbon	Donaucarbon Silcarbon
<b>Agriculture Gardening Soil improvement</b>	gasification pyrolyze lignite grinded	biomass «Biochar»  fossil		(Pflanzkohle) <b>BIOCHAR*</b>	Verora Egos
<b>BBQ</b>	gasification pyrolyze lignite grinded and pressed		wood  fossil coal	BBQ coal charcoal	
<b>Metal production</b>	gasification pyrolyze lignite grinded	biomass fossil	Wood Coal lignite	Lignite Carbon	
<b>Energy</b>	gasification lignite	fossil biomass	biomass all type of carbon Lignite	Biomass Coal	
<b>Animal food</b>	pyrolyze	biomass			
<b>Medical human</b>	pyrolyze	biomass			

## 2 Soil Improvement

Examples of suppliers for charcoal products for the soil improvement:



**EGoS**

Pflanzkohle All-in-one | Pflanzkohle Premium Plus500 | Pflanzkohle Premium Plus300  
 Gesteinsmehle | Futterkohle | Terra Preta | Pflanzkohle Landwirtschaft

Suche... Go Startseite Ihr Warenkorb keine Produkte

**Pflanzkohle24.de**  
 Das Verkaufportal der EGoS Gruppe

EGoS GmbH  
 Weseler Weg 5  
 46244 Bottrop  
 +49 (0) 2045 - 46 98 46  
 +49 (0) 178 - 37 71 407  
 +49 (0) 2045 - 46 98 47  
 office@egosgrou.de  
 www.egosgrou.de

**EGoS produziert Futterkohle, Pflanzkohle und Terra Preta**

Angebote

 <p>Schweine-Futterkohle PremiumPlus 100 Liter ca. 30Kg              UVP 159,00 EUR              Nur 149,00 EUR              1,49 EUR pro Liter</p>	 <p>Rinder-Futterkohle PremiumPlus 100 Liter ca. 30Kg              UVP 159,00 EUR              Nur 149,00 EUR              1,49 EUR pro Liter</p>	 <p>Pferde Futterkohle bioaktiv 100 Liter ca. 30 KG              UVP 169,00 EUR              Nur 155,00 EUR              1,55 EUR pro Liter</p>	 <p>Geflügel Futter- und Einstreu Pflanzkohle 100 Liter              UVP 159,00 EUR              Nur 149,00 EUR              1,49 EUR pro</p>	 <p>Rebbau Pflanzkohle Weinberg 2000 Liter              UVP 489,00 EUR              Nur 479,00 EUR              0,24 EUR pro Liter</p>
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<https://www.pflanzkohle24.de/>



<http://www.verora.ch/page/de/verora-pflanzkohle>

## Terra Preta in folgenden Varianten



### Riedlingsdorfer Schwarzerde

Entwickelt nach dem Vorbild der Terra Preta - der fruchtbarsten Erde der Welt! Bei richtiger Behandlung wird ewige Fruchtbarkeit garantiert!

ZUM PRODUKT →



### Bodenaktivator

Der biologische Dünger für den Garten - bei Langzeitanwendung kreieren sie ihre eigene Schwarzerde (Terra Preta). Nur 3 Liter pro Quadratmeter sind notwendig - einfach nur oberflächlich einarbeiten.

ZUM PRODUKT →



### Pflanzenkohle

Stabiler Kohlenstoff zur Aufwertung von Kompost und Stallmist sowie zur Herstellung der eigenen Terra Preta.

ZUM PRODUKT →



<https://www.charline.at/de/terra-pret/>

## 3 Charcoal, BBQ-Coal

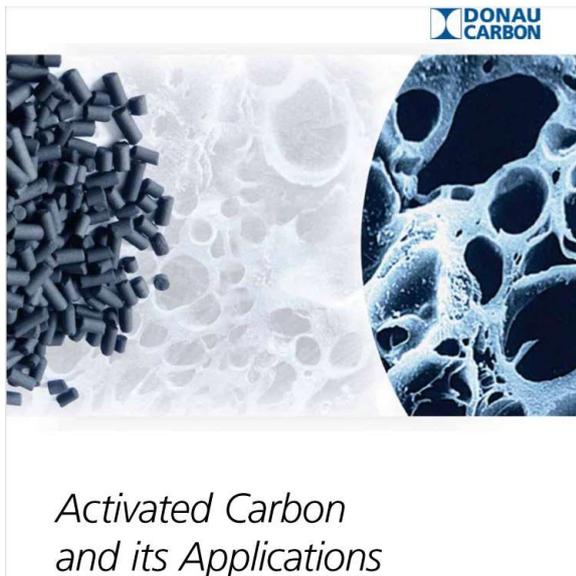
www.  
BBQ-  
Kohle.com

Unser Produkt

Besondere Merkmale unserer Briketts:

- nachhaltig durch Aufforstung
- reines Naturprodukt
- außerordentlich lange Brenndauer (4 – 5 Stunden)
- perfekt für Smoker
- sehr geringe Rauch- und Ascheentwicklung
- wiederverwendbar
- abblöschbar
- nach DIN 1860-2 zertifiziert

## 4 Activated Coal / Activated Carbon



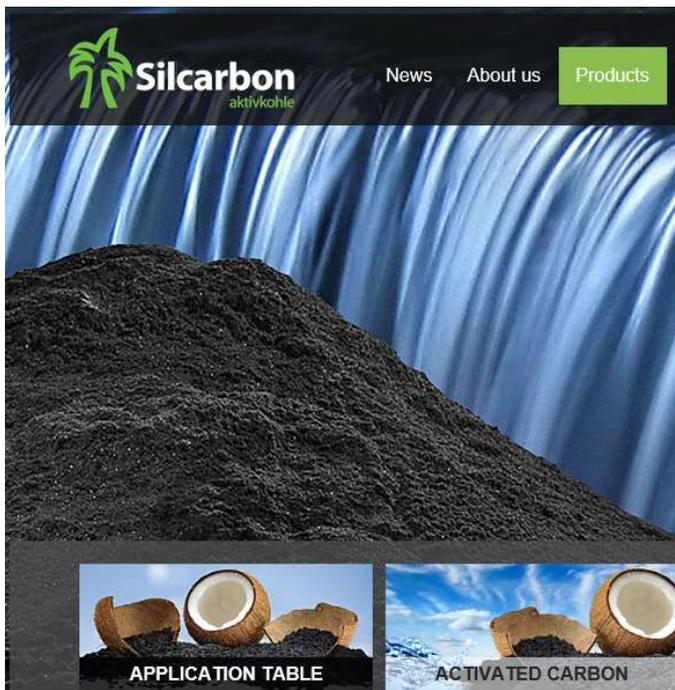
<https://donau-carbon.com/>

A nice overview documentation of activated carbon find in English:

<https://donau-carbon.com/getattachment/76f78828-2139-496f-9b80-6b6b9bdc6acc/aktivkohle.aspx>

in German:

<https://donau-carbon.com/getattachment/943783b7-783d-45ef-98de-392817d477da/aktivkohle.aspx>



<http://www.silcarbon.eu/englisch/products/application-table-/index.html>

## 5 Animal Food Additives



<https://www.charline.at/de/futterkohle/>

Carbon Terra®

The company
The Schottdorf-Meiler
Biochar

Application	
Animal Husbandry	
Soil Improvement	
Terra Preta	
Biogas	
Waste Water Treatment	
Industrial Applications	
Application	
Quality	

### Applications

Mankind has been using **biochar** for a variety of purposes for many thousand years. To get to know more about the different fields of application, please click here:

- [Soil Improvement](#)
- [Terra Preta](#)
- [Biogas](#)
- [Waste Water Treatment](#)
- [Industrial Applications](#)

**Order request**  
Please select the product and enter the desired quantity

Biochar	price	quantity
30 l	24,95 €	<input type="text"/>
10 x 30 l	229,00 €	<input type="text"/>
70 l	49,95 €	<input type="text"/>
20 x 70 l	900,00 €	<input type="text"/>
your custom-made size in kg	upon request	<input type="text"/> kg

**Your special question**

**Optional information**

Where do you want to use our products?

- Liquid Manure Treatment
- Stall Bedding
- Soil Improvement
- Biogas
- Waste Water Treatment
- Industrial Applications

send order

<https://www.carbon-terra.eu/en/biochar/application>

## 6 Medical Coal



Activated charcoal is a potent natural treatment used to trap toxins and chemicals in the body, allowing them to be flushed out so the body doesn't reabsorb them. It's made from a variety of sources, but when used for natural healing, it's important to select activated charcoal made from coconut shells or other natural sources.

<https://draxe.com/activated-charcoal-uses/>

## 7 Biochar

Biochar is the reason for many misunderstandings. Behind this expression does not mean quality, nor standard, nor technology, nor a specified way of production. It simply mean char out of biomass in the consequent way seen biochar can also be millions of years old biomass also fossil coal.

It is the advertisement that stimulate the idea especially in the German speaking region it is something clean, nice healthy positive etc.

Never less there are many activities of researchers, organization and associations see the Links:

<http://biochar-science.net/>

<http://charnet.ch/idee/>

<http://www.european-biochar.org/de/home>

<https://biochar-international.org/>

<http://www.ithaka-journal.net/newsletter?lang=en>