



DRINKING WATER

# WE MAKE MORE OF WATER.



Drinking water for the drinking water supply  
and the food and beverage industry



**CarboTech**  
The activated carbon people

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# AREAS OF APPLICATION FOR ACTIVATED CARBON

More and more sources of drinking water are contaminated. Especially intensive agricultural use in rural areas is responsible for pollutants in drinking water. Bank filtrate and reservoirs are also affected. Activated carbon is frequently used in the food industry as well. In the production of fruit juice, sugar syrup, wine, spirits, mineral water and for breweries and the production of carbonated beverages, unwanted colourings, flavour combinations, turbidity, or CO<sub>2</sub> must be removed.

Drinking water suppliers, as well as the food and beverage industry, rely on activated carbon from CarboTech. The CarboTech Group is one of the leading European full-service providers of powdered, granulated, and extruded activated carbons. We operate integrated production facilities for the production, processing and packaging of customised activated carbons, activated cokes and carbon molecular sieves.



An underwater photograph with a clear blue background. On the right side, there is a vertical column of water containing many bubbles of various sizes, some of which are larger and more prominent. Light rays are visible filtering down from the top, creating a sense of depth and clarity. The overall composition is clean and refreshing.

YOUR **EXPERT**  
FOR PURIFIED  
DRINKING WATER



### **A wealth of experience and full service from a single source**

We bundle our experience from production, application and process engineering. We have conventional requirements as well as innovative services in mind, making us the ideal partner for your individual project. Particularly our expertise as a full-service provider with our comprehensive 360° service in this area makes us unique.

Thanks to our own fleet of vehicles and our own service team, we are particularly flexible when it comes to logistics for arrival and departure, as well as project handling on site. Especially by use of our multi-chamber vehicle, a complete exchange is possible at the same appointment - which means less effort and costs for you.

# ECONOMIC EFFICIENCY

The use of our special activated carbon products enables permanently reliable and cost-effective solutions.



## Quality and safety

For drinking water filters, CarboTech offers types of activated carbon with a distinct mesoporous structure. These can achieve a sufficiently high adsorption ratio. They also meet the strict standards of the drinking water regulations (DIN EN 12915 and DIN EN 12903) and are mechanically stable enough to be used in the sensitive environment of drinking water production.

# SUSTAINABILITY

CarboTech offers sustainable solutions for the drinking water sector as well as the food and beverage industry. In addition to our well-known standard products, we offer our customers an alternative product based on coconut shells. Because it is renewable, coconut charcoal is a sustainable raw material with excellent cleaning properties. Waterworks in particular are increasingly switching to coconut charcoals in order to be more sustainable.



## Reactivation as sustainability factor

As we consistently work in the interest of our customers, our primary goal is to continuously improve operational performance and to reduce our carbon footprint. Therefore, we do not rely on disposal for loaded activated carbons, but rather on our in-house reactivation. This way, the coals are returned to the circular economy and can be used effectively several times.

## Let us advise you!







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