

## Description

Bordet is a French industrial SME that offers innovative solutions for the climate transition. Its products include bio-oils, activated carbon and Carboépure® biochars, thus contributing to decarbonization and environmental preservation.

The Bordet Group produces high quality biochar, characterized by its purity and homogeneity. Its very high carbon content (greater than 90%) makes it possible to increase the potential storage of carbon in the soil or materials (concrete, cement). The purity of Bordet biochar is also remarkable for its low content of PAHs, heavy metals and ash, allowing its use in demanding markets such as animal nutrition and agriculture. In addition, Bordet biochar has the advantage of having a very high specific surface area, thus increasing its water absorption capacity and its filtering power. Its is recognized by the most demanding certifications, such as EBC (AgroOrganic class), AB (Organic Agriculture) and Puro.Earth.

The production of high-quality biochar represents a significant step forward in the fight against climate change and the transition to a more sustainable economy. Building on its heritage of 160 years of experience and innovation, Bordet is establishing itself as a key player in industrial decarbonization, thus helping to shape a greener future for future generations.



## Co-benefits

Bordet biochar is produced by pyrolysis of non-recycled sawmill waste. This High Environmental Performance production process makes it possible to produce a biochar with unique characteristics (porosity, specific surface area, offering an effective solution for carbon sequestration.

The project also integrates a circular approach, with the recovery of sawmill waste less than 150 km from the production site and self-sufficient energy production thanks to cogeneration and closed-loop transformation.

## Sustainable development goals

