

Europe Activated Carbon Market Size study, by Type (Powdered, Granular, Others) by Application (Water Treatment, Air & Gas Purification, Food & Beverage, Pharmaceutical & Healthcare Treatment, Others) and Country Forecasts 2022-2032

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Abstracts

Europe Activated Carbon Market is valued at approximately USD 1.04 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 6.26% over the forecast period 2024-2032. Activated carbon, frequently known as activated charcoal, is used in a variety of industrial applications, including gas and air cleansing, which requires reusable recovery. Growing environmental concerns and awareness have resulted in strict emission limitations. This, in turn, has prompted various manufacturers to invest in advanced technologies and concepts for using the product in applications such as cleaning and air treatment. It is increasingly being used for water treatment, including drinking water, groundwater, and wastewater. Also, there was a rising interest in bio-based activated carbon derived from renewable sources such as coconut shells, wood, and agricultural waste. Bio-based activated carbon offered environmental benefits and appealed to consumers looking for sustainable alternatives. Thus, this trend is anticipated to support the growth of Activated Carbon Market in Europe.

Moreover, increasingly stringent environmental regulations in Europe, particularly concerning air and water pollution, are propelling the demand for activated carbon. Activated carbon is widely used in environmental remediation processes to remove pollutants and contaminants from air and water streams. Also, the growing need for clean water for industrial processes, municipal use, and wastewater treatment is a significant driver of the activated carbon market. Activated carbon is highly effective in removing impurities, organic contaminants, and toxins from water, making it essential in water treatment processes. Additionally, increasing awareness among consumers and

industries about the importance of environmental sustainability and the need for clean air and water is driving the adoption of activated carbon-based solutions. This heightened awareness is leading to the implementation of activated carbon technologies across various sectors. However, the scarcity of raw materials and availability of substitute are expected to hinder the Europe Activated Carbon Market growth during the forecast period 2024-2032.

The key countries considered for the Europe Activated Carbon market study includes UK, Germany, France, Italy, Spain, and Rest of Europe. In 2023, Germany was the largest market in terms of revenue. Germany has stringent environmental regulations, especially concerning air and water quality. Activated carbon is extensively used in air and water purification processes to meet these regulations, driving its demand in the country. Also, with growing concerns over water pollution and the need for clean drinking water, activated carbon finds widespread use in water treatment processes. It effectively removes impurities, odors, and contaminants from water, making it suitable for consumption. The emphasis on clean water drives the demand for activated carbon in Germany. Whereas, the United Kingdom is expected to grow with the highest CAGR during the forecast period 2024-2032.

Major market players included in this report are:

Donau Carbon GmbH

Carbotech AC GmbH

Silcarbon Aktivkohle GmbH

Company 4

Company 5

Company 6

Company 7

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

By Type

Powdered

Granular

Others

By Application

Water Treatment
Air & Gas Purification
Food & Beverage
Pharmaceutical & Healthcare Treatment
Others
By Region:
Europe
UK
Germany
France
Spain
Italy
ROE

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and Country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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