

Activated Carbon Market An Analysis of Size, Business Growth and Upcoming Trends Forecast 2025-2030

Liquid Phase accounted for nearly 60% of the market in 2020, driven by high demand in wastewater treatment

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According to a recent report published by Allied Market Research titled "[Activated Carbon Market](#) by Product Type, Application, and End-use Industry: Global Opportunity Analysis and Industry Forecast, 2020–2030", the global activated carbon market was valued at \$3.2 billion in 2020 and is projected to reach \$5.8 billion by 2030, growing at a CAGR of 6.3% from 2021 to 2030.



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Key Growth Drivers:

- Rising automobile ownership and associated emissions control regulations
- Increased awareness of health risks linked to contaminated drinking water
- Stricter environmental and manufacturing standards

These factors are fueling demand for activated carbon in water purification, air treatment, and emission control applications.

Market Challenges:

- Volatility in raw material prices, particularly coconut shells
- Environmental concerns related to production and disposal

Despite these challenges, the market presents lucrative opportunities, especially with growing demand for mercury control technologies in industrial air purification.

Segment Insights:-

By Application:

- Liquid Phase accounted for nearly 60% of the market in 2020, driven by high demand in wastewater treatment, food & beverage processing, and portable water purification.
- Gaseous Phase is expected to witness the highest CAGR of 6.8%, supported by adaptability to fluctuations in air pollutant loads.

By End-use Industry:

- Water Treatment led the market, making up over 40% of the total share, fueled by global water scarcity and rising industrial effluents.
- Automotive is projected to grow at the fastest CAGR of 7.7%, driven by emission control requirements and growing vehicle ownership.

Regional Analysis:

Asia-Pacific emerged as the dominant region in 2020, capturing nearly 40% of the global market. The region is also anticipated to grow at the highest CAGR of 7.5% through 2030, supported by rapid industrialization and strong demand from countries like China and India.

Key Market Players:

- Cabot Corporation
- Calgon Carbon Corporation
- Jacobi Carbons AB
- Carbon Activated Corp.
- CLARINEX Group
- Kureha Corporation
- Carbon Resources LLC
- ADA-ES, Inc.
- Siemens Water Technologies Corp.
- Carbo Tech AC GmbH

These companies are focusing on product innovation, sustainability, and strategic partnerships to strengthen their global footprint.

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<https://www.alliedmarketresearch.com/activated-carbon-market/purchase-options>

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