Water and Wastewater Treatment Technologies: Global Markets

Market Research Report | 2025-06-11 | 184 pages | BCC Research

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Report description:

Description

Report Scope
This report provides a detailed market analysis of the water and wastewater treatment technologies and global markets to reflect the latest trends and data. The report's market study is for the period from 2024 through 2030. The base year of the analysis is 2024, with 2025 through 2030 serving as the forecast period. The revenue calculated in this report is in $ millions. This report is an in-depth analysis of the water and wastewater treatment technologies industry in a qualitative and quantitative manner. The market is segmented by:
- By offerings: Technologies and chemicals.
- By process: Primary, secondary, tertiary and advance.
- By end user: Municipal and industrial.
Report Includes
- 81 data tables and 58 additional tables
- Analyses of the trends in the global markets for water and wastewater treatment technologies, with revenue data from 2024, estimates for 2025, and projected CAGRs through 2029
- Estimates of the size and revenue prospects for the global market, along with a market share analysis by business offering, treatment process, end user and region
- Facts and figures pertaining to the market dynamics, advances in treatment technologies, regulations, and the impacts of macroeconomic variables
- Insights derived from the Porter's Five Forces model, as well as global supply chain and PESTLE analyses
- A look at the stringent regulatory norms and updates imposed by governments for the discharge and disposal of wastewaters and their treatment processes
- Identification of companies best positioned to meet the demand for demand/supply of wastewater treatment equipment, chemicals and services due to their proprietary technologies, mergers and acquisitions, strategic alliances and/or other

demographic shifts in the industry
- An analysis of patents, and emerging trends and developments in patent activity
- Overview of sustainability trends and ESG developments, with emphasis on consumer attitudes, and the ESG scores and practices of leading companies
- Analysis of the industry structure, including companies' market shares and rankings, strategic alliances, M&A activity and a venture funding outlook
- Company profiles, including Veolia Group, Ecolab, Xylem, DuPont de Nemours Inc., and Kemira

Executive Summary

Summary:

The global market for water and wastewater treatment technologies is expected to grow from $350.7 billion in 2025 and is projected to reach $591.2 billion by the end of 2030, at a compound annual growth rate (CAGR) of 11.0% during the forecast period of 2025 to 2030.

Technological Advances and Applications

Water treatment methods are changing in pursuit of the rising global demand for treated water. Advances in water treatment technologies revolve around sustainability and cost-efficient methods. Water and wastewater treatment tends toward nano-based filtration materials, integration of AI and smart monitoring systems to track downtime and real-time quality water monitoring. Integration of renewables in water and wastewater treatment plants provides a dual benefit in terms of energy efficiency and managing the challenge of the energy-intensive nature of treatment plants.

Market Dynamics and Growth Factors

The global water and wastewater treatment technologies market was valued at $321 billion in 2024 and is projected to grow at a compound annual growth rate (CAGR) of 11% to reach $591.2 billion by the end of 2030. The major drivers of this market include the decline in freshwater resources and stringent regulations in North America and European regions regarding water management and the maintenance of water quality. Factors restraining the market growth are emerging contaminants, lack of social acceptance of treated water and wastewater treatment plants' energy-intensive nature.

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AQUATECH
BASF
DUPONT
ECOLAB
EGESIS
KEMIRA
KOVALUS SEPARATION SOLUTIONS
KURARAY CO. LTD.
PENTAIR
PRAYON
THERMAX LTD.
VEOLIA
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