

Water and Waste Water Treatment Equipment Market | Latest Trends, Growth, & Industry Analysis 2025 | DataM Intelligence

The Global Water and Waste Water Treatment Equipment Market is expected to reach at a CAGR of 6.7% during the forecast period 2024 to 2031.

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The Water & Wastewater Treatment Equipment Market is growing rapidly, driven by increasing water scarcity, stringent regulations, and rising demand for clean water solutions globally.

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DataM Intelligence

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/EINPresswire.com/ -- Market Overview:

[Water and Waste Water Treatment Equipment Market](#) encompasses a range of technologies designed to remove contaminants from water, ensuring its safety for consumption and discharge. This equipment is pivotal in addressing the challenges posed by industrialization, urbanization, and climate change, which have exacerbated water pollution and scarcity issues worldwide.

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Market Drivers and Opportunities:

The market is growing for several reasons:

Urbanization and Industrialization: Rapid urban development and industrial activities are increasing the demand for effective water treatment solutions to manage the growing volumes of wastewater.

Stringent Environmental Regulations: Governments globally are implementing stricter regulations to ensure water quality, compelling industries to adopt advanced treatment technologies.

Technological Advancements:
Innovations such as membrane filtration, UV disinfection, and advanced oxidation processes are enhancing treatment efficiency and expanding the application scope of water and wastewater treatment equipment across various sectors.

Market Segmentation:

By Application

Industrial

Municipal.

By Product

Membrane separation

Disinfection

Biological

Sludge dewatering

Others.

By Region

North America

Europe

South America

Asia Pacific

Middle East

Africa.

Regional Market Insights:

North America: The U.S. water and wastewater treatment market is on track for steady growth, expected to reach around USD 206.64 billion by 2032 up from USD 113.76 billion in 2023. This growth, at a CAGR of 6.9%, is fueled by rising industrial activity and tighter environmental regulations aimed at improving water quality and sustainability.

Asia-Pacific: Due to the fast industrialization and urbanization of nations like China and India, this region has the biggest market share. Significant investments are also being made in the construction of water infrastructure in the area.

Europe: European countries are focusing on sustainable water management practices, leading to



the adoption of advanced treatment technologies and equipment.

Key Market Players:

The leading companies in the water and wastewater treatment equipment industry are:

3M Purification, Inc.
Xylem Inc.
Kemira OYJ
DowDuPont
Evoqua Water Technologies LLC
SUEZ SA
Degremont Technologies
Mitsubishi Chemical Corporation
Veolia Environment SA
Ecolab, Inc.

Recent Developments:

United States:

In 2025, U.S. companies have been accelerating investments in next-generation membrane filtration systems such as reverse osmosis (RO) and nanofiltration to handle rising industrial water reuse needs. The EPA's stricter discharge regulations have prompted food, chemical, and power industries to adopt compact, high-efficiency filtration units with smart monitoring capabilities to enhance operational sustainability and reduce waste.

The Bipartisan Infrastructure Law, signed in late 2021, continues to influence the U.S. market. Between 2023 and 2024, billions in federal funding have been allocated for upgrading outdated municipal water treatment plants. Equipment upgrades have focused on energy-efficient aerators, UV disinfection systems, and advanced sludge management solutions to support clean water goals and meet PFAS (forever chemicals) removal targets.

Japan:

In 2024, Japan saw a considerable increase in the use of IoT-based sensors and AI analytics for municipal wastewater treatment. These devices continuously analyze water quality and estimate equipment maintenance schedules. The effort is part of Japan's strategy to improve operations in its aging water infrastructure while reducing worker dependency in an aging workforce.

In early 2025, leading Japanese firms collaborated with Southeast Asian partners to co-develop decentralized, solar-powered water purification units. These compact systems are designed to support rural communities with limited access to grid power. The units integrate membrane bioreactor (MBR) and photocatalytic disinfection technologies, reflecting Japan's drive toward sustainable and exportable water treatment innovations.

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Conclusion:

The water and wastewater treatment equipment market is expanding rapidly, driven by the need for sustainable water management solutions, technical breakthroughs, and severe environmental laws. Companies that innovate and adapt to these shifting dynamics are well-positioned to capitalize on expanding market opportunities.

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