

Water and Wastewater Treatment Technologies Market projected to experience a robust CAGR of 6.70%

The global water and wastewater treatment technologies market is anticipated to grow at a CAGR of 6.70% during the forecast period.



NOIDA, UTTAR PRADESH, INDIA, November 11, 2024 /EINPresswire.com/ -- According to a new study published by Knowledge Sourcing Intelligence, the [water and wastewater treatment technologies market](#) is projected to grow at a CAGR of 6.70% between 2025 and 2030.

Water and wastewater treatment technologies are fundamental for guaranteeing the safety and usability of water for different purposes. Water treatment expels pollutants like microbes, parasites, chemicals, and minerals from crude water sources utilizing physical, chemical, and biological forms. Wastewater treatment deals with wastewater from homes, businesses, and agriculture, pointing to expel toxins like organic matter, supplements, and pathogens. The multi-stage approach ordinarily includes essential, secondary, and in some cases tertiary stages to ensure public well-being and the environment from waterborne infections and contamination.

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Intelligence*

The worldwide water and wastewater treatment technology industry is developing due to the growing requirement for clean water, rising urbanization, water shortage, stricter environmental controls, and the focus on environmental security. Innovative progressions in [membrane filtration](#), desalination, and advanced oxidation processes are improving effectiveness and adequacy in expelling contaminants. Smart water administration frameworks utilizing [sensors](#) and data analytics are improving the observation and control of treatment forms. New technologies are empowering the recuperation of profitable assets like nutrients and clean water from wastewater. Other development drivers incorporate aging infrastructure, expanding focus on water security, and the requirement for updates and replacements in existing treatment plants.

The market is growing with the launch of advanced products and progression in technological innovation, for example, in May 2023, Lummus Technology finalized an agreement with Siemens Energy to acquire their water and wastewater treatment technologies, including intellectual property, trade secrets, R&D properties, and copyrights. These technological innovations address the oil and gas industry's water and wastewater needs through carbon adsorption, hydrothermal processes, and biological treatment.

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Based on the type, the global water and wastewater treatment technologies market is divided into filtration, advanced oxidation processes, desalination, biological treatment, disinfection, and others. The filtration section is anticipated to hold a major market due to its versatility in water and wastewater treatment. Progressions in membrane filtration technologies, especially microfiltration and ultrafiltration, are anticipated to drive expansion. Advanced oxidation processes (AOPs) are driven by concerns about rising contaminants and micropollutants. Desalination innovations technologies are pivotal for clean water, driven by mechanical progressions in decreasing energy utilization and costs. Biological treatment, a built-up and cost-effective strategy, is anticipated to preserve its significance.

Based on the end-user industry, the worldwide water and wastewater treatment technologies market is categorized into municipal water and wastewater treatment and industrial water and wastewater treatment. The worldwide water and wastewater treatment technologies industry is anticipated to develop essentially, with municipal divisions contributing to the expansion. Municipal water and wastewater treatment is anticipated to be relentless but slower due to strict directions and rising populations in developing nations. Industrial water and wastewater treatment is anticipated to rise due to increasing environmental regulations and the adoption of progressed treatment innovative technologies. Industrial water reuse and resource recovery from wastewater are also picking up speed.

Based on Geography, North America is expected to have a major share of the worldwide market of water and wastewater treatment technologies in the midst of the anticipated period. North America's aging water and wastewater treatment foundation requires critical investments in modern advances. The region's strict environmental directions, public awareness of water quality, and technological development are driving market expansion in the region. Upgrading treatment plants to meet these measures will fuel the growth in the market. Fast-growing urbanization and industrialization are moreover driving requirements for clean water and viable wastewater treatment, making North America a center for R&D in water treatment advances.

As a part of the report, the major players operating in the global water and wastewater treatment technologies market that have been covered are Aquatech International LLC, Veolia Water Technologies, Evoqua Water Technologies LLC, SUEZ Group, DuPont, Ecolab, WOG Group,

Hydromo, Fluence Corporation, and Kurita Water Industries Ltd.

The market analytics report segments the global water and wastewater treatment technologies market on the following basis:

- By Type
 - o Filtration
 - o Advanced Oxidation Processes
 - o Desalination
 - o Biological Treatment
 - o Disinfection
 - o Others
- By End-User Industry
 - o Municipal Water and Wastewater Treatment
 - o Industrial Water and Wastewater Treatment
- By Geography
 - o North America
 - United States
 - Canada
 - Mexico
 - o South America
 - Brazil
 - Argentina
 - Rest of South America
 - o Europe
 - United Kingdom
 - Germany
 - France
 - Italy
 - Spain
 - Rest of Europe
 - o Middle East and Africa

- Saudi Arabia
- United Arab Emirates
- Rest of Middle East and Africa

o Asia-Pacific

- China
- India
- Japan
- South Korea
- Taiwan
- Thailand
- Indonesia
- Rest of Asia-Pacific

Companies Profiled:

- Aquatech International LLC
- Veolia Water Technologies
- Evoqua Water Technologies LLC
- SUEZ Group
- DuPont
- Ecolab
- WOG Group
- Hydromo
- Fluence Corporation
- Kurita Water Industries Ltd.

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