

The Worldwide Wastewater Treatment Market is Expected to Reach \$462.49 Billion by 2030 – Astute Analytica

CHICAGO, UNITED STATES, October 10, 2022

/EINPresswire.com/ -- The [global wastewater treatment market](#) is expected to grow to US\$ 462.49 Bn by 2030 by growing at a compound annual growth rate (CAGR) of 7.4% during the study period, i.e., 2022-2030. The market holds the opportunity of US\$ 200 Bn during the study period.

The global wastewater treatment market growth is sustained by the growing environmental initiatives by government bodies aimed at low waste generation, combined with the strict rules for the illegal discharge of wastewater. For instance, the Environmental Protection Agency of the United States controls the treatment of wastewater under the Clean Water Act (CWA).

Additionally, China's Water Pollution Prevention and Control law (WPPCL) focuses on key areas such as the inclusion of the river chief system, agricultural water pollution control, stronger enforcement, and drinking water safety protection.

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Global Wastewater Treatment Market by Offerings

Based on offerings, technologies account for the largest share due to the growing incorporation of technologies to boost the productivity of the task. Moreover, the cumulative share of the services and treatment chemicals segment is ~35%. Trending technological innovations like membrane filtration systems, Automatic Variable Filtration (AVF), UV irradiation, etc., are gaining significant traction. However, the services segment will record growth at a CAGR of 8.3%.

Global Wastewater Treatment, by Application

On the basis of the application, the municipal segment holds a 62% market share, which is the largest, and is expected to maintain the same growth by registering the highest growth rate of 7.7%.



Global Wastewater Treatment Market by Region

North America is maintaining dominance in the global wastewater treatment market in 2021, with a significant share of 38.5%. The growth of this regional wastewater treatment market is attributable to the rising implementation of stringent regulations aimed at environmental safety. Moreover, governments are extending huge support in the wastewater treatment market. For instance, EPA funded nearly US\$ 3.9 million to Colorado's Water Research Foundation in order to sustain national water reuse efforts.

Furthermore, the Asia-Pacific wastewater treatment will be the fastest-growing market, registering a CAGR of 8.6% during the analysis period. Asia-Pacific is home to 61% of the world's population, and the countries in the region are highly focused on increasing domestic manufacturing. Therefore, industrial activities significantly pollute the environment, which will raise the need for wastewater treatment. The United Nations Institute for Water, Environment, and Health reports that China holds the largest water storage infrastructure, which is around 23,841 dams. This reflects the opportunities for the wastewater treatment market in Asia-Pacific.

Wastewater Treatment Market: COVID-19 Impact Analysis

The global wastewater treatment market's growth graph took a downturn due to the lower industrial demand. Water utilities recorded a sharp loss in revenue due to a considerable decrease in industrial and commercial activities as a result of the lockdowns and travel restrictions. Global Water Leaders Group reports that COVID-19 resulted in a decline in industrial water usage by 27%. Therefore, it hampered the growth of the market during the analysis period.

Browse Detailed Summary of Research Report: <https://www.astuteanalytica.com/industry-report/wastewater-treatment-market>

Global Wastewater Treatment Market: Competitors in the Market

Key industry players involved in the global wastewater treatment market are making huge investments and making other strategic moves by partnering with competitors. For instance, Suez Environnement S.A. inked a pact with LANXESS, a specialty chemical company, in 2020 in order to purchase the Reverse Osmosis (RO) Membrane portfolio. The technology will help firms meet the unmet needs of the users and combat challenges related to water treatment challenges.

Some of the key players dealing in the wastewater treatment market are BASF SE, Xylem, Inc., Kurita Water Industries Ltd., Orenco Systems, Inc., 3M Corp, DuPont de Nemours, Inc., Blue Eden CleanTech Solutions Inc., Suez Environnement S.A., Trojan Technologies Inc., Kemira Oyj, Evoqua Water Technologies Corporation, 3M Company, Inc., Pentair plc, United Utilities Group P.L.C., Kingspan Water & Energy, Elgressy Engineering Services Ltd., The Dow Chemical Company, Bio-Microbics, Inc., Aquatech International Corporation, ASIO, spol. s r.o., Scinor Water America,

L.L.C., Outotec Oyj, Calgon Carbon Corporation, and other prominent players. Meanwhile, BASF SE, the Dow Chemical Company, DuPont de Nemours Inc. will register a cumulative share of 62.7%.

Market Segmentation

The report includes analysis based on the following segments – Offerings, Applications, and Region.

By Offerings

Services

- o Designing & Engineering Consult
- o Building & Installation Services
- o Operation & Process Control
- o Maintenance Service
- o Others

Technologies

- o Membrane Separation
- o Reverse Osmosis (R.O.) Membranes
- o Ultrafiltration (U.F.) Membranes
- o Micro-Filtration (M.F.) Membrane
- o Nano-Filtration (N.F.) Membrane
- o Others

Activated Sludge

Clarification

Sludge Thickening and Dewatering

Chlorination

Industrial Demineralization

Sludge Drying

Membrane Bioreactor (MBR)

Sludge Digestion

Electrochemical Water Treatment (EEC/ EEO)

Others

Treatment Chemicals

- o Coagulants & Flocculants
- o Disinfectants and General Biocidal Products
- o Scale and Corrosion Inhibitors
- o Antifoam Chemicals
- o Ph Conditioners
- o Others

By Application

Municipal

Industrial

- o Manufacturing

- o Pharmaceuticals and Chemicals
- o Power
- o Energy
- o Pulp and Paper
- o Mining
- o Petrochemical
- o Semiconductors
- o Others

By Region

North America

The U.S.

Canada

Mexico

Europe

The UK

Germany

France

Italy

Spain

Poland

Russia

Rest of Europe

Asia Pacific

China

India

Japan

South Korea

Australia & New Zealand

ASEAN

Rest of Asia Pacific

Middle East & Africa (MEA)

UAE

Saudi Arabia

South Africa

Rest of MEA

South America

Brazil

Argentina

Rest of South America

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