Water and Wastewater Treatment Equipment Market Research Report - Global Forecast to 2023

Description:

Global Water and wastewater treatment equipment market Information by Treatment Type (Membrane Separation, Disinfection, Sludge treatment and Others), By Application (Municipal and Industrial) And Region - Forecast To 2023

Market Synopsis

The demand for water and wastewater treatment equipment is growing significantly, over the years. Various industries such as food & beverages, chemicals, pharmaceuticals, pulp & paper, power, metal & mining, semiconductors, textiles, and oil & gas, call for the usage of clean water and therefore drive the growth of the market during the forecast period. The other factors contributing growth in the market are stringent government emission regulations and increasing urbanization. The global water and wastewater treatment equipment market is expected to experience opportunities during the forecast period, owing to factors such as increasing scope for operations & maintenance, and growth in emerging economies. The growing population, technological developments, rapid urbanization, and growth in infrastructure have augmented the growth of these equipment in the emerging markets.

The global water and wastewater treatment equipment market size is projected to grow from USD 51.25 Billion in 2016 to USD 73.25 Billion in 2023 at a CAGR of 5.33% during the forecast period.

Amongst all technology type, the membrane separation segment is expected to grow with the highest CAGR. In waste water treatment, it is possible to remove the particles, colloids, and macromolecules with the help of membrane separation products, so that waste-water can be disinfected. The membrane separation equipment utilizes economically viable and environment-friendly treatment technologies. These membranes are prepared either from synthetic organic polymers or from inorganic materials such as ceramics and metals.

Amongst all applications, the municipal accounted for the largest market share during the forecast period. Municipalities are faced with growing populations, decrease in available fresh water supplies, and more stringent regulations. Of late, a number of cities, across the globe, are adopting drinking water treatment solutions, to help optimize resources and provide high-purity water to their residents. Rapid growth in global population in the urban areas, is leading to an increase in the demand of high quality water for drinking and for daily household usage.

Amongst all regions, Asia-Pacific region is expected to grow with the highest CAGR and accounts for the largest market share of 33.50% in 2016. In the Asia-Pacific region, developing countries such as China and India are the biggest consumers of water due to population growth and rapid industrialization. The disposal of wastewater from the industries, is driving the need for rapid adoption of water and wastewater treatment equipment. In the countries of Japan and South Korea, strict rules and regulations have been imposed by the government, which are further contributing to the growth of the market during the forecast period.
The water and wastewater treatment equipment are being extensively used for obtaining clean water, which can be used for all kinds of municipal and industrial activities. Wastewater is treated by using the treatment equipment for the removal of the harmful chemicals, in order to avoid contamination of water resources. Of late, there is an increase in the usage of the effective water and wastewater treatment equipment, owing to the increasing global water stress coupled with industrial wastewater disposal in aquatic ecosystems, which has further led to a boost in the water reclamation requirements.

The key players of global water and wastewater treatment equipment market include GE Water & Process Technologies (U.S.), Aquatech International Corporation (U.S.), Veolia Water Technologies (France), WPL Limited (U.K.), Fluence Corporation Limited (U.S.), Napier Reid Ltd. (Canada), Calgon Carbon Corporation (U.S.), Xylem Inc. (U.S.), Kemira Oyj (Finland) and Corix Water System (Canada).

The report for Global Water and Wastewater Treatment Equipment Market of Market Research Future comprises of extensive primary research along with the detailed analysis of qualitative as well as quantitative aspects by various industry experts, key opinion leaders to gain the deeper insight of the market and industry performance. The report gives the clear picture of current market scenario which includes historical and projected market size in terms of value and volume, technological advancement, macro economical and governing factors in the market. The report provides details information and strategies of the top key players in the industry. The report also gives a broad study of the different market segments and regions.
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