

Water Recycle and Reuse Market by Equipment (Filtration, Machinery, Tanks, Pipes and Drains), Capacity (100,001 L), End Use (Industrial, Commercial, Residential), & Region - Global Forecast to 2028

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Abstracts

The water recycle and reuse market is projected to reach USD 27.0 billion in 2028 at a CAGR of 10.8% during the forecast period. The increasing use of brine concentration technology in processing different chemicals drives the market. In addition, the mining industry produces a huge amount of wastewater that needs proper treatment before disposal to reduce the environmental impact. Brine concentration technology is used to treat wastewater and extract any valuable metals and dissolved solids from the wastewater, thus reducing the waste generated.

“Machinery by equipments accounts for the second-largest market share in 2022”

Machinery plays a crucial role in water recycling processes, facilitating the movement, treatment, and management of water. The Machinery serve the purpose of circulating, recirculating, pumping, and conveyance of feed water, brine water, distillates, condensates, and desalinated water. Pumps, Motors, Evaporators, Blowers and aerators, these are some of the key machinery and equipment commonly used in water recycling processes. Companies such as Veolia Water Technologies and IDE Technologies are using this technology, increasing market demand.

“1,00,000 above is expected to be the second-fastest growing Capacity type for water recycle and reuse market during the forecast period, in terms of value.”

A water treatment plant with a capacity exceeding 100,000 above liters serves critical

purposes in meeting the water demands of large-scale applications. Furthermore, these high-capacity water treatment plants find extensive use in industrial sectors that require significant volumes of water for their operations. Large-scale agricultural irrigation is another application that benefits from water treatment plants with capacities above 100,000 liters. These are the driving factors for the growing demand.

“Based on region, Asia Pacific was the largest market for water reuse and recycle in 2022, in terms of value.”

Water scarcity is a significant challenge faced by many countries in the Asia-Pacific region. With a growing population and expanding urban areas, the demand for freshwater resources is increasing rapidly. This has led to the recognition of the importance of water recycling and reuse as a viable solution to conserve water resources. By treating and reusing wastewater, countries in the region can alleviate the strain on freshwater sources and ensure a sustainable water supply.

In the process of determining and verifying the market size for several segments and subsegments identified through secondary research, extensive primary interviews were conducted. A breakdown of the profiles of the primary interviewees are as follows:

By Company Type: Tier 1 - 40%, Tier 2 - 30%, and Tier 3 - 30%

By Designation: C-Level - 20%, Director Level - 10%, and Others - 70%

By Region: Asia Pacific - 30%, North America - 30%, Middle East & Africa - 20%, Europe -10%, and South America-10%

The key players in this market Veolia Water Technologies(France), SUEZ Water Technologies & Solutions (France), Evoqua Water Technologies(US), Fluence Corporation Limited (US), Dow Chemical Company (US), Hitachi Ltd. (Japan), Kubota Corporation (Japan), Siemens Energy (Germany), Alfa Laval (Sweden), Melbourne Water (Australia).

Research Coverage

This report segments the market for water recycle and reuse market on the basis of equipments, Capacity, end use industry, and region. It provides estimations for the overall value of the market across various regions. A detailed analysis of key industry

players has been conducted to provide insights into their business overviews, products & services, key strategies, new product launches, expansions, and mergers & acquisition associated with the market for water recycle and reuse market.

Key benefits of buying this report

This research report is focused on various levels of analysis — industry analysis (industry trends), market ranking analysis of top players, and company profiles, which together provide an overall view on the competitive landscape; emerging and high-growth segments of the water recycle and reuse market; high-growth regions; and market drivers, restraints, opportunities, and challenges.

The report provides insights on the following pointers:

Market Penetration: Comprehensive information on water recycle and reuse market offered by top players in the global water recycle and reuse market.

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product launches in the water recycle and reuse market.

Market Development: Comprehensive information about lucrative emerging markets — the report analyzes the markets for the water recycle and reuse market across regions.

Market Diversification: Exhaustive information about new products, untapped regions, and recent developments in the global water recycle and reuse market.

Competitive Assessment: In-depth assessment of market shares, strategies, products, and manufacturing capabilities of leading players in the water recycle and reuse market.

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