

Membrane Bioreactor Market Size, Share, Revenue, Trends And Drivers For 2024-2033

Membrane Bioreactor Global Market Report 2024 – Market Size, Trends, And Forecast 2024-2033

LONDON, GREATER LONDON, UK,
September 13, 2024 /
EINPresswire.com/ -- The [membrane bioreactor market](#) has experienced

robust growth in recent years, expanding from \$3.82 billion in 2023 to

\$4.27 billion in 2024 at a compound annual growth rate (CAGR) of 11.7%. The growth in the historic period can be attributed to increased water scarcity and growing demand for water reuse, population growth and urbanization leading to increased wastewater generation, focus on energy efficiency and reduced chemical usage in treatment plants, need for compact and space-

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efficient wastewater treatment solutions, government initiatives and funding for advanced water treatment technologies.

Strong Future Growth Anticipated

The membrane bioreactor market is projected to continue its strong growth, reaching \$6.68 billion in 2028 at a compound annual growth rate (CAGR) of 11.8%. The growth in the forecast period can be attributed to adoption of membrane bioreactors for industrial wastewater

treatment, integration of artificial intelligence (AI) and automation in mbr systems, demand for advanced nutrient removal and resource recovery processes, expansion of mbr technology in desalination and water purification, emphasis on decentralized wastewater treatment systems.

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Growth Driver Of The Membrane Bioreactor Market

The rising prevalence of water pollution is significantly contributing to the growth of the

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membrane bioreactor market. Water pollution occurs when toxic substances, often chemical products or microorganisms, are discharged into a stream, river, lake, or ocean. Such occurrences of water pollution arise from the scarcity of pure and drinkable water. Due to the sheer rise in water pollution, these membrane bioreactors serve as a viable alternative for water treatment via microfiltration or ultrafiltration.

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Major Players And Market Trends

Key players in the membrane bioreactor market include Suez SA, Kubota Corporation, Evoqua Water Technologies LLC, Mitsubishi Chemical Corporation, Toray Industries Inc.

Major companies operating in the membrane bioreactor market are launching advanced wastewater treatment solutions such as the Evac MBR Mid-range to address water and waste management needs. The Evac Membrane Bioreactor (MBR) Mid-range is an advanced wastewater treatment plant designed for diverse vessel types.

Segments:

- 1) By Membrane Type: Hollow Fiber, Flat Sheet, Multi-tubular
- 2) By System Configuration Type: Submerged, External/Side stream
- 3) By Application Type: Municipal Wastewater Treatment, Industrial Wastewater Treatment

Geographical Insights: Asia-Pacific Leading The Market

Asia-Pacific was the largest region in the membrane bioreactor market in 2023, and it is expected to be the fastest-growing region in the forecast period. The regions covered in the membrane bioreactor market report include Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East and Africa.

Membrane Bioreactor Market Definition

The membrane bioreactor refers to wastewater treatment processes that combine processes such as microfiltration or ultrafiltration. The membrane bioreactor combines biological treatment processes with membrane filtration to achieve advanced organic and suspended solids separation. It is the first step in a water biological process in which microbes degrade pollutants before filtering by a series of submerged membranes.

[Membrane Bioreactor Global Market Report 2024](#) from The Business Research Company covers the following information:

- Market size data for the forecast period: Historical and Future
- Market analysis by region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.
- Market analysis by countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

Trends, opportunities, strategies and so much more.

The Membrane Bioreactor Global Market Report 2024 by The Business Research Company is the most comprehensive report that provides insights on membrane bioreactor market size, membrane bioreactor market drivers and trends, membrane bioreactor market major players, membrane bioreactor competitors' revenues, membrane bioreactor market positioning, and membrane bioreactor market growth across geographies. The membrane bioreactor market report helps you gain in-depth insights into opportunities and strategies. Companies can leverage the data in the report and tap into segments with the highest growth potential.

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Global Market Model – Market Intelligence Database

The Global Market Model, The Business Research Company's flagship product, is a market intelligence platform covering various macroeconomic indicators and metrics across 60 geographies and 27 industries. The Global Market Model covers multi-layered datasets that help its users assess supply-demand gaps.

Contact Information

The Business Research Company

Europe: +44 207 1930 708

Asia: +91 8897263534

Americas: +1 315 623 0293

Oliver Guirdham

The Business Research Company

+44 20 7193 0708

info@tbrc.info

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