

Membrane Bioreactor (MBR) Market - Global Outlook & Forecast 2021-2026

https://marketpublishers.com/r/M2015EFF2946EN.html

Date: October 2021

Pages: 211

Price: US\$ 3,750.00 (Single User License)

ID: M2015EFF2946EN

Abstracts

In-depth Analysis and Data-driven Insights on the Impact of COVID-19 Included in this Global Membrane Bioreactors Market Report

The membrane bioreactors market is expected to reach USD 5.43 billion by 2026, growing at a CAGR of 7.75%.

The following factors are likely to contribute to the growth of the membrane bioreactors market during the forecast period:

Growing Demand for High Quality Effluent

Implementation of Stringent Environmental Regulations Across the Globe

Limited Availability of Clean Water

Rising of Urbanization Directly Drives Membrane Bioreactor Installations

GLOBAL MEMBRANE BIOREACTOR MARKET OUTLOOK

With the rapid development of the economy and the acceleration of urbanization and industrialization, the concern for water pollution has increased. MBR is a highly effective separation procedure, and it is an improvement of the beneficiation of microbes during biological wastewater treatment. Membrane bioreactor (MBR) technology is a fast-growing technology, and it is gradually utilized for industrial and municipal wastewater treatment applications across the world. Over the recent years, the awareness about



appropriate and efficient treatment and discarding of wastewater emissions has been increased remarkably, thereby accelerating the demand for membrane bioreactors across the globe. The rise in environmental concerns towards effective sanitation and wastewater discarding is a lift to the market growth.

SNIPPETS

The key factor driving membrane bioreactors market growth is the implementation of stringent regulations on industries and power plants regarding discharges in water bodies.

The gravity-based system dominated by the membrane bioreactors market is expected to witness an absolute growth of 58.06% in terms of revenue respectively by the end of 2026.

The municipal wastewater treatment segment in the membrane bioreactor (MBR) market is expected to witness an absolute growth of 52.28% in the upcoming years.

GLOBAL MEMBRANE BIOREACTOR MARKET SEGMENTATION

This research report includes a detailed segmentation by

Membrane Type

System Configuration

Application

Type of System

Geography

MARKET SEGMENTS & SHARES

Hollow fiber is estimated to be the most swiftly developing segment during the forecast period. The global hollow fiber membrane bioreactors industry is



expected to reach USD 2.23 billion by 2026.

The municipal wastewater treatment sector is estimated to be the largest sector by applying the membrane bioreactors industry.

Market S	Segmentation by Membrane Type
F	Hollow Fiber
F	Flat Sheet
N	Multi Tubular
Market S	Segmentation by System Configuration
5	Submerged
8	Sidestream
Market S	Segmentation by Application
N	Municipal
lı	ndustrial
Market S	Segmentation by Type of System
(Gravity Based
F	Pressure Driven

GEOGRAPHIC ANALYSIS

In 2020, the APAC region was the largest market for membrane bioreactors and



accounted for 38.62% of the global market share. The Asia-Pacific membrane bioreactors industry is witnessing substantial growth due to soaring demand from India and China. The increasing adoption of technically advanced products by the population APAC is accelerating the growth of the industry.

Market Segmentation by Geography

APAC			
	China		
	India		
	Japan		
	South Korea		
	Australia		
North A	America		
	US		
	Canada		
Europe)		
	Germany		
	UK		
	France		
	Italy		
	Russia		
Latin America			



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Mexico

Middle East & Africa

GCC

South Africa

COMPETITIVE LANDSCAPE

Most major vendors are adopting innovative technologies to retain their position membrane bioreactor (MBR) market. The competition is expected to intensify due to increasing product/service extensions, technological innovations, and the rising frequency of mergers and acquisitions. Vendors must develop new technologies and remain abreast with upcoming innovations to have a competitive advantage over other vendors. As international players will increase their footprint in the global MBR market, regional vendors will find it increasingly difficult to compete with players. Evoqua Water Technologies, KUBOTA Corporation, Mitsubishi Chemical Aqua Solutions, SUEZ, and Veolia are the major vendors in the membrane bioreactors industry.

Key Vendors

Evoqua Water Technologies

KUBOTA Corporation

Mitsubishi Chemical Aqua Solutions

SUEZ

Veolia

Other Prominent Vendors

Alfa Laval



Aquatech International

Asahi Kasei
bioprocessH2O
CITIC Envirotech
Culligan
HUBER SE
Koch Separation Solutions
Newterra
Pall Corporation
Parkson Corporation
Pentair
Saur
Siemens
Toray Industries
WEHRLE
Ovivo
Smith & Loveless
Lenntech
DuPont



KEY QUESTIONS ANSWERED:

- 1. How big is the membrane bioreactor market?
- 2. Which region has the highest growth rate in the membrane bioreactor system market?
- 3. What segments are covered in the global membrane bioreactor system market report?
- 4. Who are the prominent players in the membrane bioreactor industry?
- 5. What are the key driving factors for the global MBR market?
- 6. What is the Growth for the India Membrane Bioreactor Market?



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