

Global Moving Bed Bioreactor Market Size study, by Application (Biochemical Oxygen Demand (BOD)/COD Removal, Nitrification/Denitrification, Others) by End User (Municipal Wastewater Treatment, Food & Beverage, Pulp & Paper, Healthcare, Marine, Poultry & Aquaculture, Others) and Regional Forecasts 2021-2027

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Abstracts

Global Moving Bed Bioreactor Market is valued approximately USD XX billion in 2020 and is anticipated to grow with a healthy CAGR of 15 % over the forecast period 2021-2027.

Moving bed bioreactor is an economical solution for wastewater treatment and treatment of biomass. Moving Bed Bioreactor (MBBR) consists of activated sludge collected in recycled plastic materials. These plastic carriers act as a growing place for activated sludge and the organic matter passing through the carriers is decomposed by activated sludge bacteria. The largest driver of Global Moving Bed Bioreactor Market is the rise in pollution of local water bodies around the world. Untreated municipal waste discharge into water bodies can lead to nitrogen and phosphorous contamination. According to World Health Organization's 2019 report, at least 2 billion people use drinking water sources contaminated with faeces. This rising problem has led to increased demand for MBBR systems. Another driving factor is inefficient irrigation in agriculture sector. Around 85% of total water consumption by humans goes to agricultural activities. Extensive use of MBBR is helping to divert treated wastewater towards irrigation. As the agricultural sector expands, the demand of MBBR will also be rising to tackle the irrigation needs.

However, high cost of establishment and lack of awareness about MBBR can impede the growth of market over the forecast period of 2021-27

Nevertheless, increasing investments into development of MBBR systems will make them more effective and economical which is expected to increase the market growth during the forecast period.

Among Asia Pacific, North America, Europe, Latin America and Rest of the World, regional analysis depicts North America as the most significant player across the world in terms of market share owing to the highest water consumption, early exposure to MBBR technology and presence of key manufacturers in the region. At the same time, North America is also anticipated to exhibit the highest growth rate over the forecast period 2021-2027. Factors such as increasing investments into research, government initiatives towards wastewater treatments and adoption of new technology at a rapid rate would create lucrative growth prospects for the Moving Bed Bioreactor Market across North America region.

Major market player included in this report are:

Aquapoint Inc.

Aquatech International LLC

AqWise - Wise Water Technologies Ltd

Applied Water Solutions Inc.

Biowater Technology AS

Evoqua Water Technologies LLC

Genesis Water Technologies

Headworks Inc.

Ovivo

SUEZ

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application:

Biochemical Oxygen Demand (BOD)/COD Removal

Nitrification/Denitrification

Others

By End User:

Municipal Wastewater Treatment

Food & Beverage

Pulp & Paper

Healthcare

Marine

Poultry & Aquaculture

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027

Target Audience of the Global Moving Bed Bioreactor Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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