

Global Environmental Monitoring Market Size study, by Product Type (Sensors, Monitors) by Sampling Method (Continuous Monitoring, Active Monitoring, Passive Monitoring, Intermittent Monitoring), by Component (Particulate Detection, Chemical Detection, Gas Detection, Biological Detection, VOC Detection, Others) by Application (Air Pollution Monitoring, Water Pollution Monitoring, Wastewater Monitoring, Soil Pollution Monitoring, Noise Pollution Monitoring, Surface & Groundwater Monitoring) by End-User (Government Agencies & Smart City Authorities, Enterprise, Commercial users, Residential users, Healthcare & Pharmaceutical, Industrial users, Others) and Regional Forecasts 2022-2028.

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Abstracts

Global Environmental Monitoring Market is valued approximately USD 14.5 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 4.50% over the forecast period 2022-2028. Environmental monitoring devices are extensively employed in a variety of verticals to monitor environmental elements and maintain security and safety, including residential and commercial facilities, corporations, and government facilities. However, long-term or continuous monitoring is required to extract data and create safety alarms. Many of the above stated verticals need long-term monitoring in order to detect dangers caused by environmental changes. Companies reorganizing

their operations and recovering from the COVID-19 impact are driving market growth. Rising public awareness about the health consequences of environmental pollution, as well as increased government emphasis on compliance with pollution monitoring standards, are expected to provide growth opportunities for players in the environmental monitoring market. The Ministry of Environment and Forests is primarily responsible with the execution of policies and initiatives pertaining to the conservation of the country's natural resources, such as lakes and rivers, biodiversity, forests, and wildlife, animal welfare, and pollution prevention and reduction. The 'Policy Statement for Pollution Abatement, 1992' and the 'National Conservation Strategy and the Policy Statement on Environment and Development, 1992' both place an emphasis on pollution prevention/reduction and the development of cleaner technology to minimize industrial pollutants. The National Water Policy of 2002 includes rules for developing, preserving, and managing critical water resources, as well as the need for national viewpoints. However, high costs associated with environmental monitoring products impedes the growth of the market over the forecast period of 2022-2028.

The key regions considered for the Global Environmental Monitoring Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. Asia Pacific emerged as the market leader. North America has the biggest market share in environmental monitoring, followed by Europe. The Asia Pacific market, on the other hand, is expected to develop at the fastest rate over the projected period. This is largely due to increased government financing for the creation of environmental monitoring stations, tough rules that encourage the increased usage of pollution monitoring systems, and technical breakthroughs in the field of environmental sensors.

Major market player included in this report are:

Agilent Technologies

Danaher

Thermo Fisher Scientific

Shimadzu Corporation

PerkinElmer

3M

Emerson Electric Co.

bioMérieux S.A.

Honeywell International Inc

Merck KGaA

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 Product Type

Sensors

Monitors

By Sampling Method

Continuous Monitoring

Active Monitoring

Passive Monitoring

Intermittent Monitoring

By Component:

Particulate Detection

Chemical Detection

Gas Detection

Biological Detection

VOC Detection

Others

By Application:

Air Pollution Monitoring

Water Pollution Monitoring

Wastewater Monitoring

Soil Pollution Monitoring

Noise Pollution Monitoring

Surface & Groundwater Monitoring

By End-User:

Government Agencies & Smart City Authorities

Enterprise

Commercial users

Residential users

Healthcare & Pharmaceutical

Industrial users

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, 2020
Base year – 2021
Forecast period – 2022 to 2028

Target Audience of the Global Environmental Monitoring 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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