

Marine Mining Market Size, Share & Trends Analysis Report By Activity (Exploration, Environmental Studies), By Resource (Polymetallic Nodules, Seafloor Massive Sulfides, Cobalt-Rich Crusts), By Region, And Segment Forecasts, 2026 - 2033

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Abstracts

The global marine mining market size was valued at USD 4.1 billion in 2025 and is projected to grow from USD 4.3 billion in 2026 to USD 6.4 billion by 2033, at a CAGR of 5.7% from 2026 to 2033. Middle East & Africa dominated the market, accounting for the largest revenue share of 38.3% in 2025. The market comprises economic activities related to the exploration, assessment, extraction, and development of mineral resources located on the seabed, including polymetallic nodules, seafloor massive sulfides, and cobalt-rich crusts.

The marine mining industry's growth is primarily driven by the rising global demand for critical minerals required for electric vehicles, renewable energy systems, energy storage technologies, and advanced electronics. As the quality of terrestrial mineral deposits declines and governments seek to diversify critical mineral supply chains, seabed resources such as polymetallic nodules, seafloor massive sulfides, and cobalt-rich crusts are emerging as attractive alternative sources of nickel, cobalt, copper, manganese, and rare earth elements.

Advancements in deep-sea mining technologies, including remotely operated vehicles, autonomous underwater vehicles, subsea excavation systems, offshore production equipment, and real-time environmental monitoring solutions, are improving the technical feasibility and operational efficiency of marine mining projects. At the same time, increasing investments from mining companies, offshore engineering firms, marine technology providers, and private investors are accelerating exploration activities, pilot

mining projects, and the development of commercial-scale extraction systems.

Global Marine Mining Market Report Segmentation

This report forecasts revenue growth at the global, regional & country levels and provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the global marine mining market report based on activity, resource, and region:

Activity Outlook (Revenue, USD Million, 2021 - 2033)

Exploration

Environmental Studies

Mining Equipment Development

Others

Resource Outlook (Revenue, USD Million, 2021 - 2033)

Polymetallic Nodules

Seafloor Massive Sulfides

Cobalt-Rich Crusts

Regional Outlook (Revenue, USD Million, 2021 - 2033)

North America

U.S.

Canada

Mexico

Europe

Finland

Sweden

Poland

Russia

Asia Pacific

China

India

Indonesia

Australia

Latin America

Brazil

Chile

Peru

Middle East & Africa

Namibia

South Africa

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