

Global Marine Methanol Fuel Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Marine Methanol Fuel market size was valued at US\$ 1007 million in 2025 and is forecast to a readjusted size of US\$ 5676 million by 2032 with a CAGR of 27.9% during review period.

In 2025, global Marine Methanol Fuel production reached approximately 1.09 million tons , with an average global market price of around US\$900 per ton.

Marine methanol fuel refers to methanol-based liquid fuel used in ship main engines, auxiliary engines, boilers, or dual-fuel marine engines. Its chemical formula is CH_3OH , and it remains liquid at ambient conditions, making it relatively convenient for storage, transportation, and bunkering. Compared with conventional heavy fuel oil, low-sulfur fuel oil, and marine diesel oil, methanol can significantly reduce sulfur oxide and particulate emissions, while nitrogen oxide emissions are also easier to control. Therefore, it is regarded as an important alternative fuel for maritime decarbonization. Marine methanol can be produced from fossil feedstocks such as natural gas and coal, or from low-carbon and renewable routes such as biomass, municipal waste, renewable hydrogen, and captured carbon dioxide. With the growth of methanol dual-fuel vessel orders, port bunkering infrastructure, and international emission-reduction regulations, marine methanol fuel is moving from pilot use toward commercial adoption. ISO 6583:2024 has been established as the general requirements and specification standard for methanol as a marine fuel, classifying marine methanol into MMA, MMB, and MMC grades.

The upstream supply chain of marine methanol fuel includes natural gas, coal, biomass, municipal solid waste, industrial off-gas, renewable electricity, green hydrogen, captured

carbon dioxide, catalysts, methanol synthesis units, storage tanks, fuel additives, and hazardous-chemical transportation equipment. Feedstock source and carbon intensity determine the fuel's emission-reduction value and cost level. Representative feedstock and methanol suppliers include Methanex, OCI Global, Proman, BASF, Mitsubishi Gas Chemical, Celanese, China BlueChemical, Yankuang Energy, Baofeng Energy, China Coal Energy, and China Energy Investment. The midstream segment covers methanol production, low-carbon or green methanol synthesis, storage and logistics, port bunkering, marine fuel trading, quality testing, and fuel supply services. Representative companies include Methanex, OCI HyFuels, Proman. Downstream applications mainly include container ships, tankers, chemical tankers, bulk carriers, ro-ro vessels, harbor vessels, offshore vessels, and ocean-going fleets. Representative users include Maersk, CMA CGM, COSCO Shipping, X-Press Feeders, Stena Line, MOL, NYK, Hapag-Lloyd, and Wallenius Wilhelmsen. As ports such as Singapore, Rotterdam, Shanghai, and Ningbo-Zhoushan develop methanol bunkering capability, the marine methanol fuel value chain is evolving toward closer coordination among fuel producers, ports, shipowners, and shipping operators. Singapore has already completed bio-methanol bunkering and aims to build capacity to supply over one million tonnes of low-carbon methanol annually by 2030.

The marine methanol fuel market is currently transitioning from demonstration use to commercial expansion, supported by increasing methanol dual-fuel vessel orders and the development of port bunkering infrastructure. Key market trends include a shift from conventional methanol toward low-carbon methanol, bio-methanol, and green methanol, along with the gradual improvement of bunkering networks, fuel certification systems, and long-term procurement contracts. Growth is driven by shipping decarbonization pressure, IMO and regional environmental regulations, shipowners' demand for low-carbon fuels, the convenience of liquid storage and transportation at ambient conditions, and the maturity of methanol engine technology. Major challenges include limited green methanol supply, higher prices than conventional marine fuels, evolving low-carbon certification systems, uneven port bunkering availability, and strict toxicity and safety-management requirements. Overall, marine methanol fuel will remain concentrated in pilot projects and key shipping routes in the short term, while long-term growth is expected to accelerate as green methanol capacity expands and ship-fuel infrastructure becomes more mature.

This report is a detailed and comprehensive analysis for global Marine Methanol Fuel market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that

contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Marine Methanol Fuel market size and forecasts, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Marine Methanol Fuel market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Marine Methanol Fuel market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Marine Methanol Fuel market shares of main players, shipments in revenue (\$ Million), sales quantity (Kilotons), and ASP (US\$/Ton), 2021-2026

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries

- To assess the growth potential for Marine Methanol Fuel

- To forecast future growth in each product and end-use market

- To assess competitive factors affecting the marketplace

This report profiles key players in the global Marine Methanol Fuel market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Honeywell, OCI Global, Gevo, Topsoe, ExxonMobil, CAC Synfuel, HIF Global, Enerkem, Methanex, Proman, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Marine Methanol Fuel market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Fossil Methanol

Natural Gas-based Methanol

Coal-based Methanol

Bio-methanol

Renewable Methanol

E-methanol

Others

Market segment by Methanol Content

≥96%

≥99%

≥99.85%

Market segment by Application

Container Ships

Oil Tankers

Bulk Carriers

Ro-Ro Ships

Others

Major players covered

Honeywell

OCI Global

Gevo

Topsoe

ExxonMobil

CAC Synfuel

HIF Global

Enerkem

Methanex

Proman

Metafuels

S?dra

Liquid Wind

Towngas

China Blue Chemical

Longi

Spic Green Energy

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Marine Methanol Fuel product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Marine Methanol Fuel, with price, sales quantity, revenue, and global market share of Marine Methanol Fuel from 2021 to 2026.

Chapter 3, the Marine Methanol Fuel competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Marine Methanol Fuel breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales

quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Marine Methanol Fuel market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Marine Methanol Fuel.

Chapter 14 and 15, to describe Marine Methanol Fuel sales channel, distributors, customers, research findings and conclusion.

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1.4.3 ?99%

1.4.4 ?99.85%

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