

Train Biofuel Market to Reach USD 17.3 Billion by 2035, Growing at a 6.5% CAGR States Fact.MR

Analysis of Train Biofuel Market Covering 30+ Countries Including Analysis of US, Canada, UK, Germany, France, Nordics, GCC countries, Japan, Korea and many

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/EINPresswire.com/ -- The global [Train Biofuel Market](#) was valued at USD 8.7 billion in 2024 and expand at a CAGR of 6.5% to end up at USD 17.3 billion by 2035. The train biofuel market has great growth potential, mainly due to increased environmental awareness and regulatory pressure for sustainable transportation solutions. This is a critical transition in railway operations, where innovative technology is being combined with practical sustainability measures. Advanced biofuel processing techniques and improved production efficiency contribute to market expansion, while growing infrastructure support facilitates wider adoption.

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Biofuels can also have the economic advantage of decreasing importation from other countries for oil and fostering local agriculture. However, there are concerns regarding the sustainability of biofuels because they compete with food production and lead to deforestation in various areas. In North America, railway-based biofuels were mainly primarily marketed in the United States and Canada, fueled by high demand in renewable sources and a government push to cut carbon emissions. It would continue to use biofuels in the railways industry in coming years, as in the United States, this sector was one of the renewable fuel standard programs that required transportation to use minimum volumes of renewable fuels. There is a potential for the emerging markets to rise with increased interest and investment but the sector continues to be a strength in the developed regions.



Key Takeaways from Market Study

Global Train Biofuel Market will grow at a CAGR of 6.5% reaching USD 17.3 billion by the end of 2035

North America will expand at a CAGR of 6.7% from 2025 to 2035, captured 32.7% of the market shares in 2025 and offering an absolute opportunity of USD 2.7 billion during the forecast period

East Asia account for 26.4% of market share in 2025, generating an absolute dollar opportunity of USD 2.2 billion between 2025 and 2035

Between 2025 and 2035, Biodiesel fuel type is expected to produce an absolute dollar opportunity USD 3.7 billion during the forecast period

With 3% of market share, the Locomotives application holds the valuation of USD 7.3 billion in 2025

"The train biofuel market is expected to grow at a significant rate as railway operators embrace sustainable practices, driving innovation in fuel processing and distribution while enhancing operational efficiency and environmental performance", says a Fact.MR analyst.

Market Development

The train biofuel market is expected to grow strategically through infrastructure expansion, technology advancement, and supply chain optimization. Some of the key developments include enhanced production capabilities, improved distribution networks, and stronger integration with existing railway systems.

The market growth for Train Biofuel is being driven by leading companies such as Archer Daniels Midland Company, BP plc, Cargill, Incorporated, Chevron Corporation, Eastman Chemical Company, Enerkem, Groupe Renault, Honeywell International Inc., PetroChina Company Limited, Renewable Energy Group, Inc., SG Preston Company, Solazyme, Inc., Syngenta AG, TotalEnergies, Valero Energy Corporation and other market players are propelling the market growth. Major attention was paid to the deals and expansions. As an instance-

In September 2023, TotalEnergies Initiated a large-scale railway biofuel pilot program in collaboration with major European railway operators, demonstrating the viability of biofuel solutions in daily operations.

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More Valuable Insights on Offer

Fact.MR, in its new offering, presents an unbiased analysis of the global Train Biofuel Market, presenting historical data for 2020 to 2024 and forecast statistics for 2025 to 2035.

The study reveals essential insights based on by fuel type (Biodiesel, Bioethanol, Biogas) by application (Locomotives, Rolling stock, Infrastructure Development, Logistics Services) by production technology (Conventional Processing, Advanced Processing, Hybrid Processing) and across major seven regions of the world.

Key Companies Profiled-

Cargill; Neste Oil; Chevron Corporation; GoodFuels; ExxonMobil; BP plc; UPM; TotalEnergies; Uniper Energy; World Energy; Dansuk Industrial; Emami Group; Gevo; Cepsa

Industry News-

In September 2022, Wärtsilä, Meriaura, and Green NorthH2 Energy collaborated to build a new cargo vessel that would be powered by green ammonia. The vessel is projected to be completed by 2024 and is estimated to start operations in 2026.

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The global revenue from the [sales of biofuels](#) in 2021 was US\$ 140.43 Billion. The industry is likely to expand at a CAGR of 4.8% during 2022 to 2032.

The global [marine biofuel market](#) size is calculated at a value of US\$ 3.94 billion for 2024 and is projected to end up at US\$ 7.99 billion by 2034. Worldwide demand for marine biofuel is forecasted to rise at 7.3% CAGR between 2024 and 2034.

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Meta Description

Transforming the transportation sector with sustainable energy, the train biofuel market is driven by increasing demand for eco-friendly alternatives and government policies promoting green initiatives, says Fact.MR

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