

# Global E-Fuel Market Size study & Forecast, by Fuel Type (E Diesel, E Gasoline, Ethanol, Hydrogen), by State (Liquid, Gas) by Application (Portable, Stationary, Transportation, Others) and Regional Analysis, 2023-2030

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## Abstracts

Global E-Fuel Market is valued approximately at USD xxx billion in 2022 and is anticipated to grow with a healthy growth rate of more than xxx % over the forecast period 2023-2030. The E-fuel refers to a type of fuel that is produced using renewable energy sources, such as wind or solar power, and carbon capture technologies. It is a clean and sustainable alternative to conventional fossil fuels, aimed at reducing carbon emissions in the transportation sector. The E-Fuel market is expanding because of factors such as increasing number of freight transportation and increasing demand of renewable energy sources. Furthermore, rising demand for renewable energy sources is supporting the growth of the e-fuel market, as it offers a viable solution for reducing carbon emissions in various sectors, including transportation. E-fuels provide an alternative to conventional fossil fuels and contribute to the transition towards a more sustainable and low-carbon economy.

The increasing number of freight transportation activities presents a significant influence on the e-fuel market as it increases the demand for sustainable and low-carbon fuel alternatives. E-fuels can help reduce carbon emissions and address environmental concerns associated with conventional fossil fuels in the freight transportation sector. According to Statista in 2021, United Parcel Service emerged as the top global freight transportation company, generating around USD 72.6 billion in freight revenue. FedEx Corp. closely followed in second place, with USD 70 billion in freight revenue. In addition, rising government initiatives regarding E-Fuel consumption and increasing demand of hydrogen-powered electric vehicles would create a lucrative growth

opportunity. However, a lack of awareness among individuals about the e-fuel and high cost of E-Fuel stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global E-Fuel Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominates the market during the forecast period owing to the, increasing focus on reducing carbon emissions and the growing demand for sustainable transportation solutions in the region. Europe is expected to be the fastest growing region during the forecast period owing to factors such as increasing R&D investment in the production of clean fuels such as ethanol and the implementation of government initiatives to reduce CO2 emissions in vehicles.

Major market player included in this report are:

Archer Daniels Midland Co.  
Audi AG  
Ballard Power Systems Inc.  
Carbon Recycling International  
Ceres Power Holding Plc  
Sarvodyam Clean Fuel Private Limited  
Climeworks AG  
E-fuel corp.  
Energie Dienst Holding AG  
FuelCell Energy Inc.

Recent Developments in the Market:

In April 2021, Daimler Truck AG and Volvo Group announced their joint venture, cellcentric, which aimed to promote the use of hydrogen-based fuel cell technology in long-haul trucks worldwide. They had called for a coordinated EU hydrogen policy scheme to accelerate the development and adoption of this clean energy solution.

In April 2021, AMEC has upgraded SerEnergy's fuel cell, known as the SereneU, in 2021. This latest version showcases improved features, such as an extended lifespan and minimal servicing and maintenance requirements.

Global E-Fuel Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape,

Growth factors, and Trends

Segments Covered – Fuel Type, State, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

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 years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential 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 Fuel Type:

E Diesel

E Gasoline

Ethanol

Hydrogen

By State:

Liquid

Gas

By Application:

Portable

Stationary

Transportation

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

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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