

Algae Biofuel Market is anticipated to reach US\$11.152 billion by 2029 at a CAGR of 9.08%

The algae biofuel market is anticipated to grow at a CAGR of 9.08% from US\$6.066 billion in 2022 to US\$11.152 billion by 2029.



NOIDA, UTTAR PARDESH, INDIA, May 14, 2024

/EINPresswire.com/ -- According to a new study

published by Knowledge Sourcing Intelligence, the [algae biofuel market](#) is projected to grow at a CAGR of 9.08% between 2022 and 2029 to reach US\$11.152 billion by 2029.

Algae biofuel is also called algal fuel sustainable energy source that uses algae for its rich oil contents. Algae being an ocean-living thing has the capacity to quickly reproduce and create a significant amount of oil. Furthermore, these algae are responsible and play a vital role in captivating carbon dioxide and liberate oxygen into the environment. This clean energy option is considered nature-friendly as it has less amount of effect on clean water reserves, enhances large yields compared to other biomass sources, and this algae can be grown utilizing undrinkable water sources.

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*Knowledge Sourcing
Intelligence*

Algae is capable of serving vegetable oil that can be converted into biofuel through the process of esterization. Additionally, algae can be refined to create various biofuels in the market, such as ethanol and [biodiesel](#). Algae biofuels imitate third-generation biofuels that can be used as a fuel option for various applications. The withdrawal of oil from algae biofuels implicates the breakdown of their cellular composition.

Growing concerns about sustainability have become increasingly prevalent in recent days are the primary driving force behind the algae [biofuel market](#) growth. The increasing recognition among the public about climate change and the importance for sustainable sources of energy is fueling the demand for nature-friendly options for biofuels. Algae biofuels presents the best substitute as they are nature-friendly and have the potential to be produced in a sustainable manner.

The algae biofuel is basically an aquatic living thing found in the aquatic region the nature of algae consists of rapid production that efficiently transforms sunlight into energy. Algae biofuels

are carbon-reduced and can be grown in waste or undrinkable water sources making them a sustainable substitute to conventional fuels.

Numerous product launches and collaborations are taking place in the market thereby, increasing the algae biofuel market growth.

- In October 2023: Be8 famous company in the biodiesel industry introduced an innovative product called “Be8 BeVant” making a significant impact in the biofuel revolution for diesel engines. This innovative biofuel originated from bi-distilled methyl ester and can be used either separately or with the combination of conventional diesel.

Access sample report or view details: <https://www.knowledge-sourcing.com/report/algae-biofuel-market>

The algae biofuel market, based on type is segmented into four categories namely jet fuel, bioethanol, methane, and biodiesel. Biodiesel is expected to account for the major share of the algae biofuel market. As biodiesel is presently the best option for diesel-engine vehicles in the market.

The algae biofuel market, based on application is segmented into three categories namely transportation, aerospace, and others. Transportation is expected to account for the major share of the algae biofuel market. Transportation is one of the application that is being used most fuel in the present day and biofuel's features in reducing carbon footprints.

Based on geography, the algae biofuel market is expanding significantly in the North American region due to various reasons. In countries like The United States, Canada, and Mexico there is a growing demand for algae biofuel market in various industries, including transportation, oil and gas, and aerospace.

The demand is being driven by these nations due to strict government rules regarding climate variations which often demand clean energy alternatives and government support in conducting research and development and providing incentives to promote sustainable energy in the region drives the algae biofuel market in the future.

The research includes several key players from the algae biofuel market, such as Algenol, Viridos, Alfa Laval (Thermal Solutions Manufacturing), Seambiotic, and AlgaEnergy.

The market analytics report segments the algae biofuel market as follows:

- By Type
 - o Jet fuel
 - o Bioethanol
 - o Methane

- o Biodiesel
 - By Application
- o Transportation
- o Aerospace
- o Others
- By Geography
- o North America
 - USA
 - Canada
 - Mexico
- o South America
 - Brazil
 - Argentina
 - Others
- o Europe
 - United Kingdom
 - Germany
 - France
 - Spain
 - Others
- o Middle East and Africa
 - Saudi Arabia
 - UAE
 - Israel
 - Others
- o Asia Pacific
 - China
 - Japan
 - India
 - South Korea

- Taiwan
- Thailand
- Indonesia
- Others

Companies Profiled:

- Algenol
- Viridos
- Alfa Laval (Thermal Solutions Manufacturing)
- Symbiotic
- AlgaEnergy

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