Renewable Aviation Fuel Market Forecast Report with Segment Analysis and Strategic Industry Insights

The Business Research Company's Renewable Aviation Fuel Market Forecast Report with Segment Analysis and Strategic Industry Insights

LONDON, GREATER LONDON, UNITED KINGDOM, September 29, 2026 /EINPresswire.com/ -- "The renewable aviation fuel sector is rapidly evolving as the aviation industry seeks greener alternatives to traditional fuels. With growing environmental concerns and technological advancements, this market is set for remarkable expansion in the near future. Let’s explore the current market size, driving forces behind growth, regional trends, and key factors shaping the renewable aviation fuel landscape.

> Expected to grow to $11.83 billion in 2030 at a compound annual growth rate (CAGR) of 35.9%”
>
> *The Business Research Company*

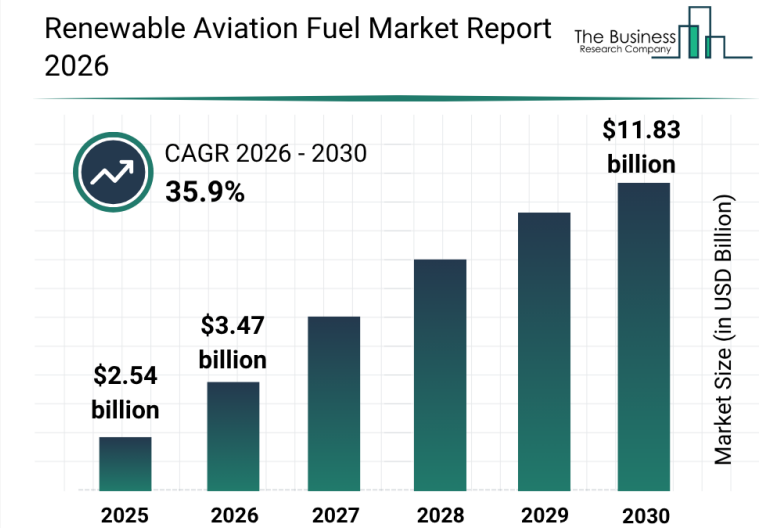
Market Size and Growth Outlook for the Renewable Aviation Fuel Market

The renewable aviation fuel market has witnessed significant expansion in recent years and is projected to continue this momentum. It is forecast to increase from $2.54 billion in 2025 to $3.47 billion in 2026, achieving a compound annual growth rate (CAGR) of 36.3%. This rapid growth during the historical period is mainly due to rising consumption of aviation fuel, heightened concerns about greenhouse gas emissions, stronger governmental backing for low-carbon fuels, increased biofuel production capacity, and greater use of waste-based feedstocks.

Download a free sample of the renewable aviation fuel market report: https://www.thebusinessresearchcompany.com/sample_request?id=37931036&type=smp&name=Renewable%20Aviation%20Fuel%20Market%20Report%202026&utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Sep_PR

Looking ahead, the renewable aviation fuel market is expected to surge dramatically, reaching $11.83 billion by 2030 with a CAGR of 35.9%. This expansion is driven by a growing need for

sustainable aviation fuels, rising investments in renewable fuel production facilities, broader adoption of advanced fuel blending technologies, ongoing commercial aviation decarbonization efforts, and advancements in hydrogen-based aviation fuels. Key trends shaping this forecast include the development of innovative sustainable aviation fuel pathways, increased use of waste-derived renewable feedstocks, scaling up of commercial renewable fuel production plants, more investment in blending infrastructure, and a focus on creating high-energy-density renewable fuels.



Renewable Aviation Fuel Market Overview

Understanding Renewable Aviation Fuel and Its Benefits
Renewable aviation fuel is a sustainable alternative to conventional jet fuel, produced from renewable sources such as biomass, waste oils, agricultural waste, and other non-fossil materials. This type of fuel aims to lower greenhouse gas emissions without compromising compatibility with existing aircraft engines and aviation infrastructure, offering an environmentally friendly option that supports the aviation industry's move toward decarbonization.

View the full renewable aviation fuel market report:
https://www.thebusinessresearchcompany.com/report/renewable-aviation-fuel-market-global-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Sep_PR

Key Factors Propelling Growth in the Renewable Aviation Fuel Market
One major force driving the renewable aviation fuel market is the increase in crude oil prices. Crude oil prices reflect the cost at which crude oil is traded globally per barrel, and recent geopolitical tensions have disrupted supply chains, creating uncertainty in oil-producing areas and raising fears over potential shortages. Renewable aviation fuels help reduce reliance on crude oil-based jet fuels, easing demand pressures and contributing to more stable global crude oil prices. For example, data from the US Energy Information Administration shows Brent crude oil prices rising from an average of $78 per barrel in December 2023 to $89 per barrel in April 2024. This upward trend in crude oil prices supports market growth for renewable aviation fuels.

Regional Insights and Market Dynamics in Renewable Aviation Fuel
In 2025, North America held the largest share of the renewable aviation fuel market. Looking

forward, the Asia-Pacific region is predicted to experience the fastest growth during the forecast period. The comprehensive market report covers key regions including Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a broad view of global market developments and opportunities.

New additions to our 2026 reports:

• Market attractiveness scoring and analysis
• Total addressable market (TAM) analysis
• Company scoring matrix graphics and tables
• Excel-based forecasting dashboards
• Market hotspots infographics
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• Updated graphics and tables

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