

Zero-Emission Aircraft Market Growing at 20.7% CAGR to Hit USD 191.97 Billion by 2040 | Growth and Company Profiles

The global zero-emission aircraft market is expected to be valued at \$29.24 billion in 2030, and reach \$191.97 billion in 2040, registering a CAGR of 20.7%.

WILMINGTON, DE, UNITED STATES, December 16, 2024 /EINPresswire.com/ -- Allied Market Research published a report, titled, "[Zero-Emission Aircraft Market](#)" by Source (Hydrogen, Electric, and Solar), Range (Short-Haul, Medium-Haul, and Long-Haul), Application (Passenger [Aircraft](#) and Cargo Aircraft) and Type (Turboprop Rear Bulkhead, Turbofan System, and Blended Wing Body): Global Opportunity Analysis and Industry Forecast, 2030-2040." According to the report, the global [zero-emission aircraft](#) industry is estimated at \$29.24 billion in 2030, and is anticipated to hit \$191.97 billion by 2040, registering a CAGR of 20.7% from 2030 to 2040.



The overall zero-emission aircraft market opportunity is determined by understanding profitable trends to gain a stronger foothold.

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Drivers, restraints, and opportunities-

Surge in air passenger traffic and reduced GHG emissions across the globe drive the growth of the global zero-emission aircraft market. On the other hand, technological challenges and high costs associated with solar, electric, and hydrogen-powered aircrafts restrain the growth to some extent. However, proactive government initiatives toward zero-emission powered aircrafts and advancements in zero-emission aircraft technologies are expected to create multiple opportunities in the industry.

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The hydrogen segment to dominate by 2040-

Based on systems, the hydrogen segment is expected to account for nearly 94% of the global zero-emission aircraft market share in 2030, and is expected to lead the trail by the end of 2040. This is attributed to its high suitability as the aviation fuel. The solar segment, on the other hand,

By application, the cargo aircraft segment is projected to lead the global zero-emission aircraft market, owing to higher CAGR as compared to the passenger aircraft segment.

By type, the turbofan system segment is projected to lead the global zero-emission aircraft market, owing to higher CAGR as compared to the passenger aircraft segment.

By region, Asia-Pacific is anticipated to register the highest CAGR during the forecast period.

Key Benefits For Stakeholders

This study presents analytical depiction of the global zero-emission aircraft market analysis along with current trends and future estimations to depict imminent investment pockets.

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The report presents information related to key drivers, restraints, and opportunities of the global zero-emission aircraft market with a detailed impact analysis.

The current zero-emission aircraft market is quantitatively analyzed from 2030 to 2040 to benchmark the financial competency.

Porter's five forces analysis illustrates the potency of the buyers and suppliers in the industry.

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