

Asia-Pacific Sustainable Aviation Fuel Market: Analysis and Forecast, 2023-2033

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Abstracts

This report will be delivered in 1-5 working days.

Introduction to Asia-Pacific Sustainable Aviation Fuel Market

The Asia-Pacific sustainable aviation fuel market is estimated to reach \$39.23 billion by 2033 from \$0.38 billion in 2023, at a growth rate of 58.99% during the forecast period 2023-2033. Growth in the sector is propelled by state-of-the-art technology and collaborations, leading to increased production capacity for Sustainable Aviation Fuel (SAF), enhanced efficiency in supply chain management, and lowered costs.

Market Introduction

The Asia-Pacific (APAC) region is witnessing a significant surge in the adoption and interest in Sustainable Aviation Fuel (SAF). This global trend towards cleaner alternatives to traditional aviation fuels aligns with the growing environmental concerns related to climate change and the ecological impact of the aviation industry. SAF, derived from sustainable sources such as biomass, used cooking oil, or hydrogen, offers a viable solution to these challenges. The APAC SAF market is experiencing notable growth, driven by the convergence of cutting-edge technologies and strategic partnerships. These developments are enhancing SAF manufacturing capabilities, streamlining supply chain logistics, and driving down production costs. However, for SAF to achieve its full potential and contribute to a more sustainable future for air travel in the APAC region, critical issues must be addressed. These include scaling up production, ensuring a consistent supply of feedstock, and establishing robust regulatory frameworks to support and incentivize the adoption of SAF.

Market Segmentation:

Segmentation 1: by Application

Commercial Aviation

Business and General Aviation

Military Aviation

Unmanned Aerial Vehicle (UAV)

Segmentation 2: by Fuel Type

Hydrogen Fuel

Biofuel

Power-to-Liquid Fuel

Gas-to-Liquid Fuel

Segmentation 3: by Manufacturing Technology

Fischer-Tropsch Synthetic Paraffinic Kerosene (FT-SPK)

Hydroprocessed Esters and Fatty Acids-Synthetic Paraffinic Kerosene (HEFA-SPK)

Alcohol-to-Jet Synthetic Paraffinic Kerosene (ATJ-SPK)

Synthetic ISO-Paraffin from Fermented Hydroprocessed Sugar (HFS-SIP)

Catalytic Hydrothermolysis Jet (CHJ)

Segmentation 4: by Country

Japan

India

China

Rest-of-Asia-Pacific

How can this report add value to an organization?

Product/Innovation Strategy: The product segment helps the reader understand the different types of products available for deployment and their potential. Moreover, the study provides the reader with a detailed understanding of the sustainable aviation fuel market by application (commercial aviation, business and general aviation, military aviation and unmanned aerial vehicle (UAV), product on the basis of fuel type (hydrogen fuel, biofuel, power-to-liquid fuel, and gas-to-liquid fuel), manufacturing technology (fischer-tropsch synthetic paraffinic kerosene (FT-SPK), hydroprocessed esters and fatty acids-synthetic paraffinic kerosene (HEFA-SPK), alcohol-to-jet synthetic paraffinic kerosene (ATJ-SPK), synthetic ISO-paraffin from fermented hydroprocessed sugar (HFS-SIP), and catalytic hydrothermolysis jet (CHJ).

Growth/Marketing Strategy: The sustainable aviation fuel market has seen major development by key players operating in the market, such as business expansion, partnership, collaboration, and joint venture. The favored strategy for the companies has been merger and acquisition to strengthen their position in the sustainable aviation fuel market.

Competitive Strategy: Key players in the APAC sustainable aviation fuel market analyzed and profiled in the study involve major sustainable aviation fuel offering companies providing sustainable aviation fuel and different manufacturing technology. Moreover, a detailed competitive benchmarking of the players operating in the sustainable aviation fuel market has been done to help the reader understand how players stack against each other, presenting a clear market landscape. Additionally, comprehensive competitive strategies such as partnerships, agreements, and collaborations will aid the reader in understanding the untapped revenue pockets in the market.

Contents

Executive Summary

Scope of the Study

1 MARKETS

1.1 Industry Outlook

1.1.1 Sustainable Aviation Fuel Market: Overview

1.1.2 Evolving Emission Control Measures in the Aviation Industry

1.1.3 Emerging Zero Emissions Aircraft Technology

1.1.3.1 Electric Propulsion Systems

1.1.3.2 Hydrogen Fuel Cell Technology

1.1.3.3 Advanced Aerodynamics and Lightweight Materials

1.1.3.4 Urban Air Mobility (UAM) and Electric Vertical Take-Off and Landing (eVTOL)

1.1.4 Current and Future Technological Trends

1.1.4.1 Carbon Capture and Utilization (CCU) Technologies

1.1.4.2 Direct Air Capture (DAC) Technologies

1.1.5 Evolving Aviation Propulsion Technologies: Migration Toward Reduced Emissions

1.1.6 Critical Success Parameters for Sustainable Aviation Fuel Adoption

1.2 Business Dynamics

1.2.1 Business Drivers

1.2.1.1 Increasing Environmental Concerns

1.2.1.2 Volatile Jet Fuel Prices

1.2.1.3 Advances in Conversion Technologies

1.2.2 Business Challenges

1.2.2.1 Infrastructure Development Cost

1.2.2.2 Certification and Sustainability Criteria

1.2.2.3 Inadequate Supply of Feedstock

1.2.3 Business Opportunities

1.2.3.1 SAF Offtake Agreements

1.2.4 Business Strategies

1.2.4.1 Market Developments

1.2.4.2 Partnerships, Collaborations, Agreements, and Contracts

2 REGION

2.1 Sustainable Aviation Fuel Market (by Region)

2.2 Asia-Pacific

2.2.1 Market

2.2.1.1 Key Players in Asia-Pacific

2.2.1.2 Business Drivers

2.2.1.3 Business Challenges

2.2.2 Application

2.2.2.1 Asia-Pacific Sustainable Aviation Fuel Market (by Application)

2.2.3 Product

2.2.3.1 Asia-Pacific Sustainable Aviation Fuel Market (by Fuel Type)

2.2.3.2 Asia-Pacific Sustainable Aviation Fuel Market (by Manufacturing Technology)

2.2.4 Asia-Pacific (by Country)

2.2.4.1 China

2.2.4.1.1 Market

2.2.4.1.1.1 Key Players in China

2.2.4.1.2 Application

2.2.4.1.2.1 China Sustainable Aviation Fuel Market (by Application)

2.2.4.1.3 Product

2.2.4.1.3.1 China Sustainable Aviation Fuel Market (by Fuel Type)

2.2.4.2 India

2.2.4.2.1 Market

2.2.4.2.1.1 Key Players in India

2.2.4.2.2 Application

2.2.4.2.2.1 India Sustainable Aviation Fuel Market (by Application)

2.2.4.2.3 Product

2.2.4.2.3.1 India Sustainable Aviation Fuel Market (by Fuel Type)

2.2.4.3 Japan

2.2.4.3.1 Market

2.2.4.3.1.1 Key Players in Japan

2.2.4.3.2 Application

2.2.4.3.2.1 Japan Sustainable Aviation Fuel Market (by Application)

2.2.4.3.3 Product

2.2.4.3.3.1 Japan Sustainable Aviation Fuel Market (by Fuel Type)

2.2.4.4 Rest-of-Asia-Pacific

2.2.4.4.1 Market

2.2.4.4.1.1 Key Players in Rest-of-Asia-Pacific

2.2.4.4.2 Application

2.2.4.4.2.1 Rest-of-Asia-Pacific Sustainable Aviation Fuel Market (by Application)

2.2.4.4.3 Product

2.2.4.4.3.1 Rest-of-Asia-Pacific Sustainable Aviation Fuel Market (by Fuel Type)

3 MARKETS - COMPETITIVE BENCHMARKING & COMPANY PROFILES

3.1 Competitive Benchmarking

3.2 Company Profiles

4 RESEARCH METHODOLOGY

4.1 Factors for Data Prediction and Modeling

List Of Figures

LIST OF FIGURES

- Figure 1: Asia-Pacific Sustainable Aviation Fuel Market, \$Billion, 2022-2033
- Figure 2: Asia-Pacific Sustainable Aviation Fuel Market, Million Gallon, 2022-2033
- Figure 3: Asia-Pacific Sustainable Aviation Fuel Market (by Application), \$Billion, 2022 and 2033
- Figure 4: Asia-Pacific Sustainable Aviation Fuel Market (by Fuel Type), \$Billion, 2022 and 2033
- Figure 5: Asia-Pacific Sustainable Aviation Fuel Market (by Manufacturing Technology), \$Billion, 2022 and 2033
- Figure 6: Sustainable Aviation Fuel Market (by Region), \$Billion, 2033
- Figure 7: Sustainable Aviation Fuel Market, Business Dynamics
- Figure 8: Jet Fuel Prices, May 2018-March 2023
- Figure 9: Share of Key Business Strategies and Developments, January 2020-June 2023
- Figure 10: Sustainable Aviation Fuel Market, Competitive Benchmarking
- Figure 11: Research Methodology
- Figure 12: Top-Down and Bottom-Up Approach
- Figure 13: Assumptions and Limitations

List Of Tables

LIST OF TABLES

Table 1: Market Developments, January 2020-June 2023

Table 2: Partnerships, Collaborations, Agreements, and Contracts, January 2020-June 2023

Table 3: Sustainable Aviation Fuel Market (by Region), Million Gallon, 2022-2033

Table 4: Sustainable Aviation Fuel Market (by Region), \$Million, 2022-2033

Table 5: Asia-Pacific Sustainable Aviation Fuel Market (by Application), \$Million, 2022-2033

Table 6: Asia-Pacific Sustainable Aviation Fuel Market (by Fuel Type), Million Gallon, 2022-2033

Table 7: Asia-Pacific Sustainable Aviation Fuel Market (by Fuel Type), \$Million, 2022-2033

Table 8: Asia-Pacific Sustainable Aviation Fuel Market (by Manufacturing Technology), \$Million, 2022-2033

Table 9: China Sustainable Aviation Fuel Market (by Application), \$Million, 2022-2033

Table 10: China Sustainable Aviation Fuel Market (by Fuel Type), Million Gallon, 2022-2033

Table 11: China Sustainable Aviation Fuel Market (by Fuel Type), \$Million, 2022-2033

Table 12: India Sustainable Aviation Fuel Market (by Application), \$Million, 2022-2033

Table 13: India Sustainable Aviation Fuel Market (by Fuel Type), Million Gallon, 2022-2033

Table 14: India Sustainable Aviation Fuel Market (by Fuel Type), \$Million, 2022-2033

Table 15: Japan Sustainable Aviation Fuel Market (by Application), \$Million, 2022-2033

Table 16: Japan Sustainable Aviation Fuel Market (by Fuel Type), Million Gallon, 2022-2033

Table 17: Japan Sustainable Aviation Fuel Market (by Fuel Type), \$Million, 2022-2033

Table 18: Rest-of-Asia-Pacific Sustainable Aviation Fuel Market (by Application), \$Million, 2022-2033

Table 19: Rest-of-Asia-Pacific Sustainable Aviation Fuel Market (by Fuel Type), Million Gallon, 2022-2033

Table 20: Rest-of-Asia-Pacific Sustainable Aviation Fuel Market (by Fuel Type), \$Million, 2022-2033

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