

# **Global Hydrotreated Esters and Fatty Acids Sustainable Aviation Fuel (HEFA SAF) Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031**

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## **Abstracts**

According to our (Global Info Research) latest study, the global Hydrotreated Esters and Fatty Acids Sustainable Aviation Fuel (HEFA SAF) market size was valued at US\$ 4132 million in 2024 and is forecast to a readjusted size of USD 18980 million by 2031 with a CAGR of 24.6% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

HEFA is the most important SAF production process at present and in the medium term. The raw materials of HEFA process come from a wide range of sources, from kitchen waste oil, vegetable oil to animal fat, and even algae, which can all become HEFA raw materials: HEFA production process mainly comes from relatively mature petroleum refining technology. Overall, due to the rich raw material sources and mature technology of HEFA route, it is the most competitive route in the short term. At present, the market share of HEFA route product hydrogenated vegetable oil (HVO) in sustainable aviation fuel can reach more than 95%. According to IATA, global SAF production will exceed 600 million liters (500,000 tons) in 2023, double the 300 million liters (250,000 tons) produced in 2022. In 2024, SAF production is expected to triple again to 1.5 million tons.

This report is a detailed and comprehensive analysis for global Hydrotreated Esters and Fatty Acids Sustainable Aviation Fuel (HEFA SAF) market. Both quantitative and

qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### **Key Features:**

Global Hydrotreated Esters and Fatty Acids Sustainable Aviation Fuel (HEFA SAF) market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Hydrotreated Esters and Fatty Acids Sustainable Aviation Fuel (HEFA SAF) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Hydrotreated Esters and Fatty Acids Sustainable Aviation Fuel (HEFA SAF) market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Hydrotreated Esters and Fatty Acids Sustainable Aviation Fuel (HEFA SAF) market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2020-2025

### **The Primary Objectives in This Report Are:**

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Hydrotreated Esters and Fatty Acids Sustainable Aviation Fuel (HEFA SAF)
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Hydrotreated Esters and Fatty Acids Sustainable Aviation Fuel (HEFA SAF) market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Neste, UPM, Total Energies, Cepsa, Repsol, ENI, Preem, Colabitoil, STI, SkyNRG, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## **Market Segmentation**

Hydrotreated Esters and Fatty Acids Sustainable Aviation Fuel (HEFA SAF) market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### **Market segment by Type**

Raw Material Source: Kitchen Waste Oil

Raw Material Source: Vegetable Oil

Raw Material Source: Animal Fat

Raw Material Source: Algae

Others

### **Market segment by Application**

Passenger Aircraft

Cargo Aircraft

Military Aviation

### **Major players covered**

Neste

UPM

Total Energies

Cepsa

Repsol

ENI

Preem

Colabitoil

STI

SkyNRG

World Energy

SINOPEC

Beijing Haixin Energy Technology

Henan Junheng Industrial Group Biotechnology

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Hydrotreated Esters and Fatty Acids Sustainable Aviation Fuel (HEFA SAF) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Hydrotreated Esters and Fatty Acids

Sustainable Aviation Fuel (HEFA SAF), with price, sales quantity, revenue, and global market share of Hydrotreated Esters and Fatty Acids Sustainable Aviation Fuel (HEFA SAF) from 2020 to 2025.

Chapter 3, the Hydrotreated Esters and Fatty Acids Sustainable Aviation Fuel (HEFA SAF) competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Hydrotreated Esters and Fatty Acids Sustainable Aviation Fuel (HEFA SAF) breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Hydrotreated Esters and Fatty Acids Sustainable Aviation Fuel (HEFA SAF) market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Hydrotreated Esters and Fatty Acids Sustainable Aviation Fuel (HEFA SAF).

Chapter 14 and 15, to describe Hydrotreated Esters and Fatty Acids Sustainable Aviation Fuel (HEFA SAF) sales channel, distributors, customers, research findings and conclusion.

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