New Report Forecasts Sustainable Aviation Fuel Market to Exceed $25 Billion, Despite Feedstock Availability Concerns

Global SAF production is expected to reach nearly 10 billion liters by 2030, a significant increase from 600 million liters in 2023, according to cCarbon

SAN FRANCISCO, CALIFORNIA, USA, May 14, 2024 /EINPresswire.com/ -- The sustainable aviation fuel (SAF) market is on track for substantial growth, projected to reach $25 billion by 2030, propelled by regulatory mandates and corporate decarbonization commitments.

> Our report provides a comprehensive view into the strategies, challenges, and opportunities in SAF market's rapid growth and evolution as the industry works to scale this critical technology."
>
> *Arpit Soni*

Global SAF production is expected to reach nearly 10 billion liters by 2030, a significant increase from 600 million liters in 2023, according to the "Global Sustainable Aviation Fuel Outlook 2030" report released by cCarbon.

By 2030, North America is anticipated to lead with 44% of the world's output, followed by Europe with 24% of the global production share. Despite concerns regarding feedstock availability, Used Cooking Oil (UCO) and Tallow are forecasted to account for 40% of total feedstock volume utilized. This is driven by differentiated demand for lower carbon SAF, spurred by policy and market signals.

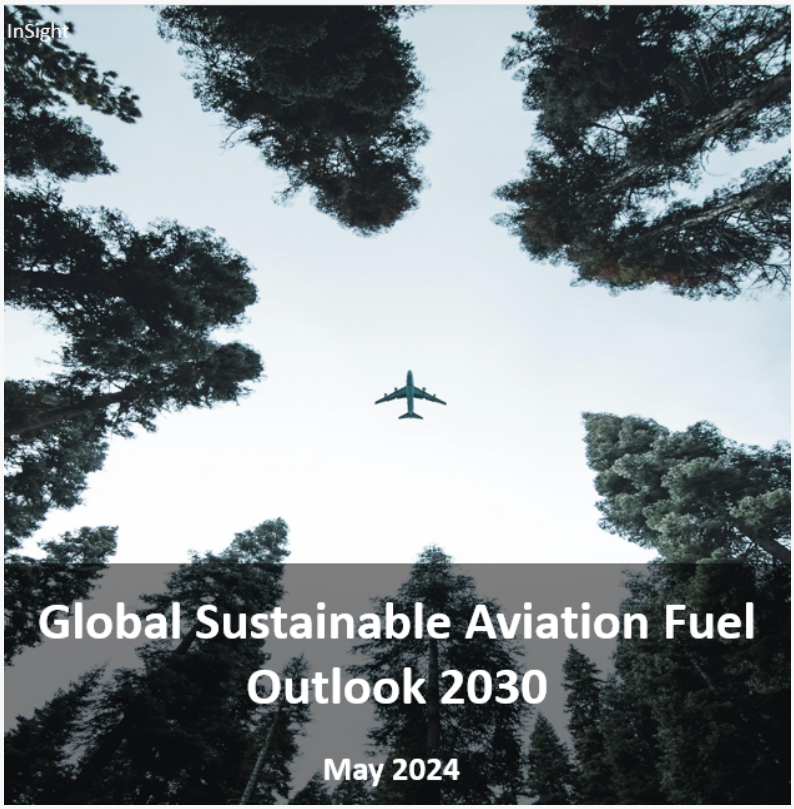
Aviation is responsible for about 2.5% of global carbon emissions. SAF has the potential to reduce lifecycle emissions from aviation by up to 80% compared to conventional jet fuel, making it one of the key solutions to decarbonize the aviation sector. "With the aviation sector under immense pressure to decarbonize, sustainable aviation fuel is emerging as a vital solution," said Arpit Soni, Associate Director for Market Insights and Products at cCarbon.

"Our report provides a comprehensive view into the strategies, challenges, and opportunities in SAF market's rapid growth and evolution as the industry works to scale this critical technology."

This comprehensive study offers detailed insights into the SAF market, including regional market shares, production forecasts by technology pathway and feedstocks, key policies driving

adoption, and profiles of major industry players. It includes a detailed database of over 100 SAF production facilities worldwide, both operational and planned, including plant-level capacity, feedstock, and technology details. Among other highlights, it also includes in-depth profiles of 25 leading SAF producers such as Neste, World Energy, Gevo, Aemetis, and SkyNRG, including operational updates and key announcements.

cCarbon's analysis is grounded in extensive market research, including data collection on SAF facilities worldwide, qualitative and quantitative analyses, stakeholder interviews, regulatory examination, competitive landscape assessment, feedstock evaluation, and technology trend analysis.



SAF Outlook 2030

The Global Sustainable Aviation Fuel Outlook 2030 report is available for purchase or through cCarbon's membership here: https://www.ccarbon.info/insight/global-sustainable-aviation-fuel-outlook-2030-insight-report-may-2024/

About cCarbon

cCarbon, a division of cKinetics, has been providing business intelligence and analytics for global environmental markets since 2012, covering compliance and voluntary carbon markets, sustainable fuels, and other environmental commodities. It specializes in providing reliable in-depth research and tailored solutions for decarbonization, compliance strategies, and climate investments, aiming to be the foundational source of insights that support business decisions in environmental markets.

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