Future of Ethano

Ethanol demand in North America is expected to peak in the next decade, supported by higher gasoline demand and higher blend rates. However long term gasoline transportation demand for the US and Canada are on a downward trend. The biofuel industry is therefore looking at what's next, weather its lowering Carbon Intensity or focusing on net zero carbon through carbon capture and sequestration, looking for new markets such as Alcohol-to-Jet or focusing on second generation feedstocks.

2026

Clean fuel production credit

2027

2028

2029

The Inflation Reduction Act is pro-biofuels, with most incentives taking the form of tax credits 2024



Biodiesel/RD blending credit*

SAF blending credit

2023

\$500 million for installing, retrofitting, or upgrading fuel dispensers, pumps and related equipment and infrastructure needed to sell high blends of biofuels

2025

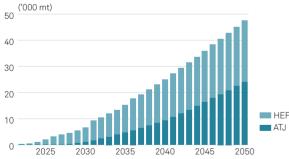
\$46.5 million for low-emission aviation technologies

*New deadlines for longstanding credits (all Dec. 31, 2024)

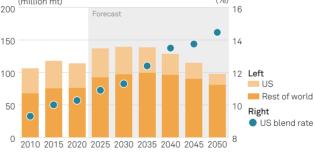
Sustainable Aviation Fuel supply forecast

2022

Alternative fuel mixture credit*





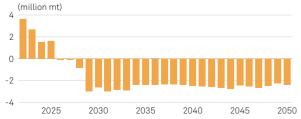


Companies partnering with ethanol plant to capture and transport CO2

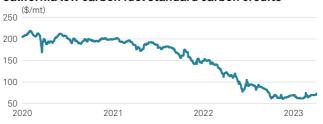
Ethanol plants are investing in lowering the lifecycle CI of ethanol through connection to carbon capture, utilization, and storage pipeline systems



Global ethanol supply-demand forecast



California low carbon fuel standard carbon credits



Source: S&P Global Commodity Insights Analytics, The Inflation Reduction Act of 2022 (SEC. 22003, SEC. 40007)

Commodity Insights

S&P Global

2021

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