

Sustainable Aviation Fuel (SAF)



Sustainable Aviation Fuel (SAF) is obtained from renewable resources (such as vegetable oils, biomass, animal fat and residual gases). The use of SAF decreases the CO₂ aviation emission, a hard-to-abate decarbonizing sector, due to strict requirements to aviation fuels.

Brazil is a country with favorable edaphoclimatic conditions and has a well-established leadership history in biofuels production and use, which makes it a potential SAF supplier.

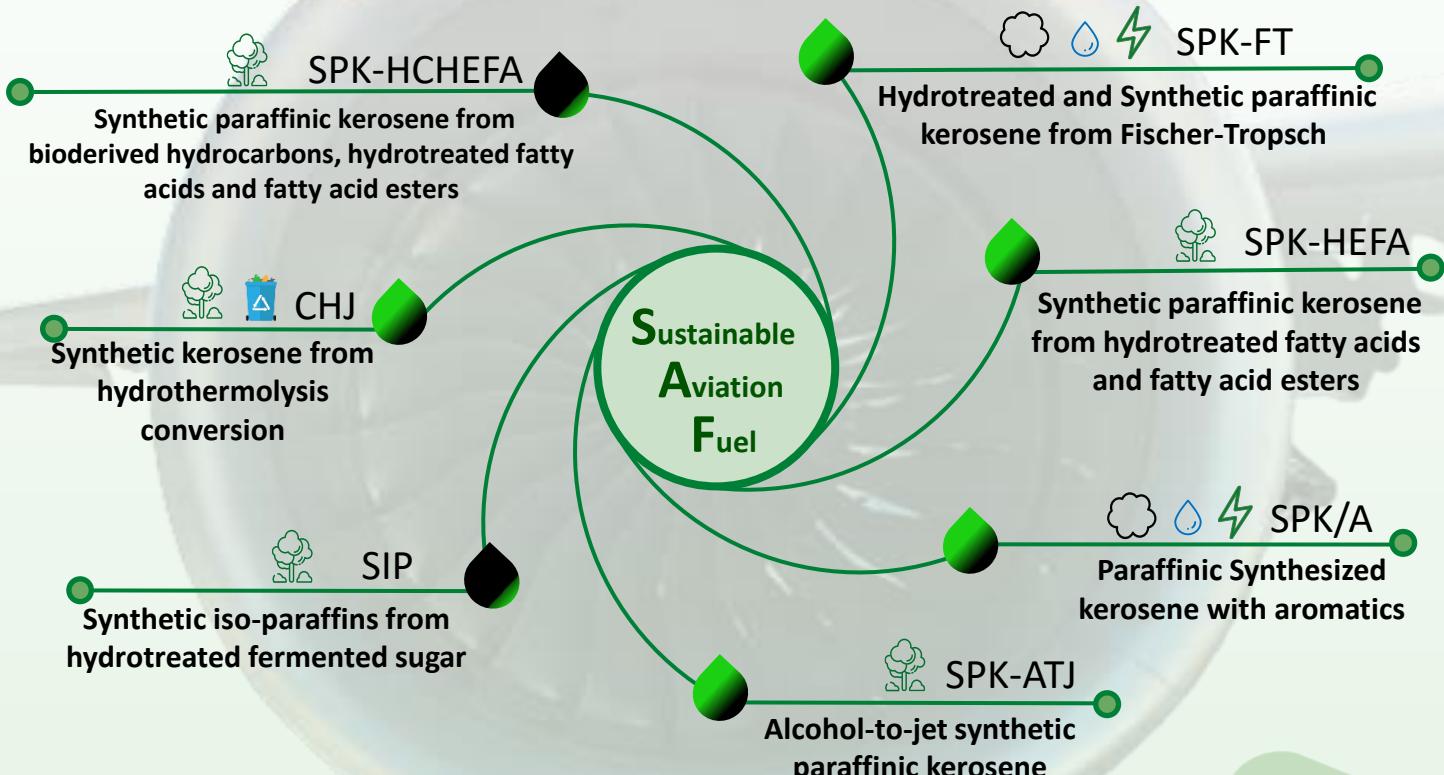
Routes' Process Inputs:



Authorized Production Routes in Brazil (2023)

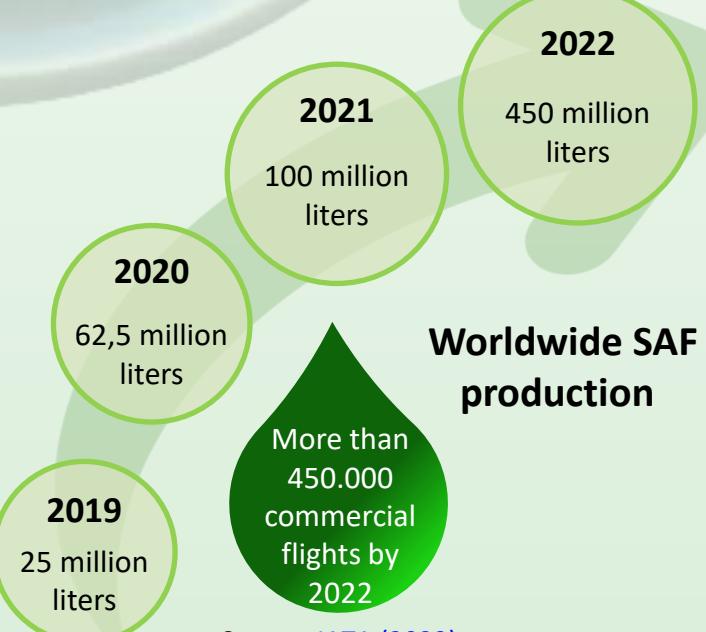
[ANP \(2021\)](#)

Maximum mixture with fossil Jet fuel



Route	Sustainable Inputs
SPK-HEFA	Vegetable oils (new and recycled) and animal fats
SPK-HCHEMA	Municipal solid waste, agriculture and agro-industrial waste
SPK-FT	Sugar or starch crops and lignocellulosic feedstocks
SPK/A	Carbohydrates (sucrose)
SPK-ATJ	Sewage, fertilizer, residues from: food processing, forestry, agricultural and agro-industrial
CHJ	

Source: [ANP \(2021\)](#)



Source: [IATA \(2022\)](#)

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