



Over 10 years'
experience in SAF

TotalEnergies is involved in a number of initiatives to promote the production and use of sustainable aviation fuel (known as SAF), in partnership with major market players.

A solution to decarbonize the airline industry

The development of SAF is part of TotalEnergies' multi-energy strategy to meet the challenge of decarbonizing the air transport industry.



Are you interested?
Contact us through APIFLY
or our website:
aviation.totalenergies.com



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Share capital : €324,158,696
Registered in Nanterre, France: 542 034 921
Please do not litter



TotalEnergies Aviation:

**Choose SAF to help reduce
your CO₂ emissions**





What is SAF produced by TotalEnergies?

SAF is a product based on three elements:

Sustainability

Ensures that the product is developed in compliance with economic, social and environmental criteria on an ongoing basis.

Our production

From alternative raw materials such as waste and residues from the circular economy (used cooking oils, etc.)

Safety in use

SAF meets the same technical standards as its fossil equivalent (ASTM D7566). After blending with JET A-1 in compliance with current standards, the alternative fuel is considered a conventional JET A-1 fuel meeting ASTM D1655 specifications.



SAF is blended with JET A-1 to obtain a drop-in fuel that requires no modification of the engines or infrastructures. At TotalEnergies, SAF is produced through two main ways:

- **HEFA:** SAF is made by hydrotreating esters and fatty acids, listed in the Renewable Energy Directive*. The SAF obtained can reduce CO₂ emissions by up to 90% over the entire lifecycle compared to a fossil equivalent. TotalEnergies' SAF is blended with JET A-1 up to 35%.
- **Co-processing:** which consists of introducing into the units of a traditional refinery eligible* waste oils at the same time as the usual fossil feedstock.

* RED II – Annex IX A&B

Choose TotalEnergies' SAF



Up to 90% reduction of CO₂ emissions compared with its fossil equivalent



Produced from waste and residues from the circular economy



ISCC-EU certified