For more than 10 years

TotalEnergies has been involved in a number of initiatives to promote the production and use of sustainable aviation biofuels in partnership with leading market players. In 2021, TotalEnergies started producing sustainable aviation fuel (SAF) in France.

It is blended with Jet A-1 at a rate of 30% and is a drop-in solution that does not require any changes to engines or infrastructure using 2 main technologies:

- **HEFA**: which makes it possible to obtain SAF by hydrotreating oils from waste and residues (used cooking oils, animal fats). These recycled materials are blended with JET A-1 at an incorporation rate of 30% and allow up to 90% reduction in CO2 emissions*.

- **Co-processing**: which consists of introducing in the units of a traditional refinery a biosourced feedstock in addition to the usual fossil feedstock. At the end of the refining process, Sustainable Aviation Fuel is obtained.

Want to know more about TotalEnergies Aviation and get our offers?

Go to our website at aviation.totalenergies.com to subscribe.

See you soon at one of our TotalEnergies Aviation locations!
Choose TotalEnergies’ SAF for your refueling needs

Up to 90% reduction in CO2 emissions*

Produced from waste and residues from the circular economy

ISCC-EU certified

What is the SAF produced by TotalEnergies?

Our SAF is based on three main factors:

Sustainability, which ensures that the product is developed in accordance with economic, social and environmental criteria on a repeated and continuous basis.

Production, using alternative feedstocks such as waste and residues from the circular economy (used cooking oils, etc.).

Safety, which ensures that our SAF meets the same technical standards as its fossil fuel equivalent (ASTM D7566). After blending with fossil Jet A-1 in compliance with current standards, the fuel is considered a conventional Jet A-1 fuel that complies with ASTM D1655 – DEF STAN 91-091 standards or the AFQRJOS checklist.

*Up to 90% reduction in CO2 emissions compared to conventional Jet A-1 fuel.