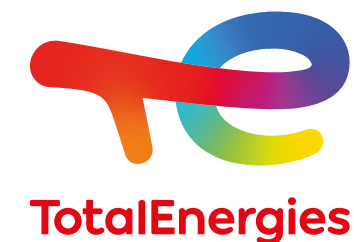
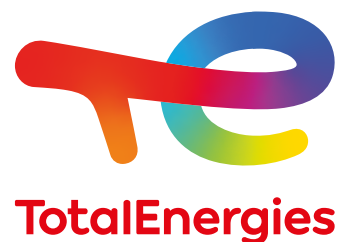


Why fill up
with HVO100
from
TotalEnergies?

HVO100
Sustainability starts
with a sustainable fuel



HVO100
your 100% renewable diesel fuel



*A reduction in CO₂ emissions of at least 60% and up to 90% compared to a standard diesel fuel. Depending on the origin of the raw materials used during production and measured on a well-to-wheel cycle.
TotalEnergies Marketing Services - SAS au capital de 324 158 696€ - 542 034 921 RCS Nanterre. 24 cours Michelet 92800 Puteaux.

HVO100 from TotalEnergies is a biofuel



What is it made from?

HVO100 from TotalEnergies is a biofuel made from plant or residual raw materials or waste. Within the framework of biofuel regulation, European legislation has established strict sustainability criteria, particularly for environmental concerns (carbon footprint, no deforestation, correct use of land). Several certification schemes have been developed in response to these criteria. HVO100 from TotalEnergies fuel is certified sustainable in compliance with the European Union's renewable energy directive (RED).

DID YOU KNOW?

The advantages of HVO100 from TotalEnergies

● Reduces local particle emissions from the engines

By an absence of aromatic compounds

● Meets the requirements of the most stringent post-treatment systems

Due to the low sulphur content

● Enhances engine combustion

Thanks to a high cetane index

● Ensures the engine functions properly (cold properties, lubrication)

Thanks to technical properties in compliance with EN15940 (diesel XTL)

*A reduction in CO₂ emissions of at least 60% and up to 90% compared to a standard diesel fuel. Depending on the origin of the raw materials used during production and measured on a well-to-wheel cycle.

HVO100 from TotalEnergies fuel's environmental performance

In compliance with European regulations, HVO100 from TotalEnergies is a sustainable fuel that reduces CO₂ emissions by at least 60 % and up to 90 %* compared to a standard diesel fuel across the entire well-to-wheel cycle (carbon footprint linked to production and use of the fuel). Considering its chemical composition, HVO100 from TotalEnergies provides:

CO₂

A reduction in CO₂ emissions of at least 60 % and up to 90 %*

PARTICLES

An average reduction of 20 % of the particles from combustion**

NO_x

An average reduction of 29 % of NO_x from combustion**

*A reduction in CO₂ emissions of at least 60% and up to 90% compared to a standard diesel fuel. Depending on the origin of the raw materials used during production and measured on a well-to-wheel cycle. **Tests carried out using HVO100 from TotalEnergies in 2018 and 2019 on different types of vehicle compared to standard diesel fuel (EN590).

How does HVO100 from TotalEnergies help reduce CO₂ emissions?

One of the raw materials used in the production of HVO100 comes from plant material. The CO₂ emitted during combustion has been previously captured from the atmosphere by the plants during their growth. Additionally, HVO100 from TotalEnergies is also produced from waste and residues that provide an alternative solution for using agricultural resources as part of an overall approach to a circular economy.

Can I use HVO100 from TotalEnergies in my vehicle?

YES! Vehicle manufacturers have approved fuels, such as HVO100, that meet the EN15940 standard in the vast majority of the diesel-fuelled engines. Manufacturers of heavy vehicles have approved their entire Euro VI range on this fuel. HVO100 from TotalEnergies therefore meets the technical requirements. It is made exclusively of (iso)paraffins, components present in diesel.

DID YOU KNOW?



Operational benefits of HVO100 from TotalEnergies

IDENTICAL PROCEDURE

HVO100 from TotalEnergies is delivered by the usual TotalEnergies supplier. You fill up entirely by either mixing or alternating with your usual diesel.

DRIVING COMFORT

Similar to your usual diesel fuel.

STORAGE

HVO100 from TotalEnergies is highly stable over time and does not deteriorate much through oxidation. It is stored in and distributed from your tank.