

Airline passengers can reduce up to 80% of their CO2 emissions

Lufthansa Innovation Hub has launched its new Compensaid sustainability platform sustainability, which will make it possible for travellers to offset their individual carbon footprint using Sustainable Aviation Fuel (SAF). This represents passengers an entirely new approach to offsetting CO2 with SAF in a transparent way.



Image source: [Gallo/Getty](#)

CO2neutral, synthetic fuel is one of the most promising alternatives for making the future of aviation climate-neutral. Industry and nationwide deployment have failed so far due to limited quantity and high cost. Compensaid provides a transparent overview of a person's travel history and associated CO2 emissions across all airlines

"Flying benefits our world in many different ways – it connects people, helps bridge cultural divides, intensifies business relations, and enables interactions to take place across long distances. But flying also has negative climate effects, which need to be counteracted – not least from a digital perspective.

Every individual traveller can take action: "With Compensaid, we provide people with a tool that shows them the climate effects of their flights. This impact can be reduced significantly with the help of innovative technologies such as sustainable fuel," explains Gleb Tritus, Managing Director Lufthansa Innovation Hub.

it possible to directly offset one's personal CO2 emissions. Travellers then receive a detailed evaluation of their entire travel history, which not only includes flight distance, time and destinations, but also shows the efficiency of the respective aircraft type, individual fuel consumption, and the associated CO2 emissions.

Travellers have two options for CO2 offsetting: For the first time, they can replace fossil aviation fuels one-to-one with SAF. The platform calculates the market-based surcharge in comparison to fossil kerosene. Travellers willing to pay this surcharge can use it to cover their individual kerosene consumption with the climate-neutral fuel. The Lufthansa Group will continue to pay the basic rate for the kerosene. The SAF purchased as part of the offsetting process will be deployed on Lufthansa flights within a period of six months. This is the first online platform of its kind to provide end customers with a transparent, quick, and effective way to offset their CO2 consumption when flying using CO2neutral fuels.

As an alternative, travellers can also use Compensaid to support a reforestation project in Nicaragua and thus reduce CO2emissions over the long term.

Compensaid's first partner is the Swiss climate protection foundation **myclimate**, a long-standing partner of the Lufthansa Group in the field of voluntary CO2offsetting. The company will also be working with the Corporate Fuel Management of the Lufthansa Group, whose fuel experts purchase the certified alternative fuel globally and supply it to Lufthansa flight operations.

"Sustainable Aviation Fuel is a groundbreaking way to produce sustainable kerosene. We are delighted to support Compensaid, an innovative platform that for the first time enables customers to invest in CO2neutral fuel for their flights," says Thorsten Luft, head of fuel Management at Lufthansa Group.

Travellers can use the first test version of Compensaid, which launched at the beginning of August. In response to expected customer demand, plans are in the works to expand the partner network for offsetting and to extend the service to all means of transport and their CO2emissions.

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