

LUFTHANSA GROUP

#MakeChangeFly

The Lufthansa Group (LHG) is an aviation company with operations worldwide. It is composed of the segments Network Airlines, Eurowings and the Aviation Services. The Network Airlines segment is composed of Austrian Airlines, Brussels Airlines, Lufthansa German Airlines & SWISS, Austrian Airlines and Brussels Airlines. Lufthansa German Airlines also includes regional airlines Lufthansa CityLine and Air Dolomiti as well as Eurowings Discover, the new holiday airline from the Lufthansa Group which started operations in July 2021 and focuses on the touristic segment. Eurowings focuses on short-haul traffic in European point-to-point traffic. Aviation Services particularly includes the Logistics, MRO and Catering segments. The Lufthansa Group also includes the Additional Businesses and Group Functions. This business segment includes in particular Lufthansa AirPlus, Lufthansa Aviation Training and Lufthansa Systems.



COMMITMENT TO CO2 REDUCTION

The Lufthansa Group has set ambitious climate protection goals and aims to halve net CO₂ emissions by 2030 compared to 2019 and achieve a neutral CO₂ balance by 2050.

In order to specify the net targets that have been set up, the Lufthansa Group has joined the Science Based Targets Initiative (SBTi) to bring its CO₂ reduction path in line with the United Nations Paris Climate Agreement. Based on scientific calculations, CO₂ emissions will be continuously reduced with the help of fleet renewal and optimisation, improved operational efficiency and the use of SAF.

Lufthansa Group is the first aviation group in EU that could validate its near-term reduction targets by SBTi.

According to the validation process of the SBTi, LHG aims for a carbon intensity reduction by -30.6% compared to the base year 2019. This measurement aligns the net targets of -50% net reduction by 2030 and carbon neutrality by 2050.

INNOVATION DRIVING SUSTAINABILITY

The Lufthansa Group is the first customer of Power-to-Liquid (PtL) fuel as well as the first customer of Sun-to-Liquid fuel (solar kerosene), both of which are produced in Germany.

Additionally, LHG plans to put over 190 new fuel-efficient aircrafts into service by the end of the decade which will save up to 30% energy in average.

Innovative projects such as AeroShark, a bionic adhesive film applied to surface of the aircraft, are also part of the LHG portfolio. The adhesive film replicates the skin of sharks to optimise the airflow then reduce fuel consumption. It is to be applied to the entire 777F-LCAG + LX777 Fleet to increase fuel efficiency.

PRIORITISING SUSTAINABILITY ACROSS SUPPLY CHAINS

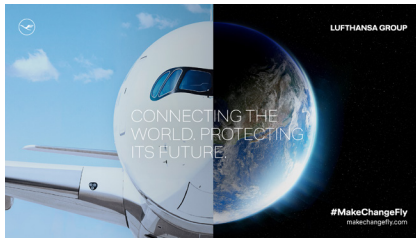
When selecting suppliers, Lufthansa AG and its respective Group companies (Lufthansa Group) concentrate on total costs, quality, environmental awareness and compliance with the requirements of its Supplier Code of Conduct.

In the long term, Lufthansa cooperates only with suppliers who place as much value on sustainability as it does. Lufthansa expects that its suppliers, including their employees, agents and subcontractors, respect and adhere to the standards of the Supplier Code of Conduct when engaging in business with, for or in relation with Lufthansa Group.

To identify the type and level of supplier risks, the procurement units responsible for product groups carry out a risk assessment for the suppliers. The risk assessment is included in the result of Group's risk management. The procurement process also includes supplier screening to identify risks during the onboarding process so that appropriate measures can be taken.

INDUSTRY PARTNERSHIPS

For decades, Lufthansa Group has closely worked together with aircraft and engine manufacturers, and other important industry leaders. This has secured access to the latest technological developments and the deployment of fuel-efficient solutions such



as the A320neo, of which Lufthansa Airlines was the first customer.

In addition to that, Lufthansa Technik AG profits and fosters collaboration with Original Equipment Manufacturers (OEMs) and other industry players to further offer market-leading solutions for airlines worldwide: first-class and reliable service for best in-class maintenance, reparation and overhaul.

SUSTAINABILITY AMBASSADOR

Information and education play a key role for not only brand development but more importantly for employee sustainability communications, knowledge sharing and development.

Hence Lufthansa Group presents multiple offers on sustainability-related knowledge-sharing and education for its employees:

- Easy access to learning and information platform with state-of-the-art knowledge engagements
- LHG-wide educational webcasts
- LHG-wide offers for corporate volunteering and care-giving
- LHG-wide Help Alliance organisation founded by employees to do good in the world

Lufthansa Group has recently introduced a sustainability training programme in order to cultivate 'Sustainability Ambassadors'. This training programme is conducted in collaboration with Mannheim University, focusing on Climate Change, Risk Management, as well as other relevant topics.



Employees across the group in different roles including pilots, flight attendants, finance, procurement have joined the programme to practice and incorporate sustainability into their daily work. This training programme will be repeated annually to raise awareness across the group.

Currently, Lufthansa Group is the biggest SAF buyer in Europe and the group has in-

vested in varied green innovations to scale up SAF production that include Sun-To-Liquid and Power-To-Liquid.

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