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Less is more - Lufthansa Cargo is the first airline to consistently use lightweight transport nets for freight pallets

Starting in January 2023, Lufthansa Cargo will use new, lighter transport nets to secure cargo pallets. By using a special fiber, the new nets save more than 50 percent in weight compared to conventional nets. This saves weight on every flight and thus significantly reduces CO₂ emissions. Lufthansa Cargo is the first airline to use the lightweight nets for an entire pallet type. The cargo airline is thus once again taking a consistent step toward greater sustainability.

"For us, the use of lightweight transport nets is another step on the path to reducing CO₂ emissions. We have set ourselves the ambitious goal of halving

our CO₂ emissions per kilogram when flying by 2030. To achieve this, we need to take action on many fronts. Every measure counts. One of them is reducing the weight of our loading equipment", says Dorothea von Boxberg, Chairman of the Executive Board and CEO of Lufthansa Cargo AG. "We are transporting goods all over the world - and are at home all over the world. That's why global responsibility and sustainable, forward-looking action are part of our DNA. Our goal for 2050 is to be 100 percent CO₂-neutral in the air; on the ground, we want to have achieved this goal as early as 2030."

Reduced CO₂ footprint by 440 tons per year

The innovative nets "Pallet Net Zero" made by AmSafe Bridport, which Lufthansa Cargo will be using through its subsidiary Jettainer, weigh between nine and eleven kilograms, which is less than half the weight of a conventional net made of polyester fibers. The weight reduction of the new nets is largely achieved by the high tensile strength of the special fiber, which is also made from renewable raw materials. The reduced weight of the transport nets saves Lufthansa Cargo around 140 tons of fuel and thus a good 440 tons of CO₂ per year, another example of sustainability in action. At the same time, the nets are easier to handle without compromising on the technical requirements that are so important for flight safety.

Lufthansa Cargo AG

With a turnover of 3.8 billion euros and a transport performance of 7.2 billion freight ton kilometers in 2021, Lufthansa Cargo is one of the world's leading companies in the transport of airfreight. The company currently employs around 4,200 people worldwide. Lufthansa Cargo's focus is on the airport-to-airport business. The route network covers around 300 destinations in more than 100 countries, using both freighter aircraft and cargo capacity from passenger aircraft operated by Lufthansa, Austrian Airlines, Brussels Airlines, Eurowings Discover and SunExpress, as well as trucks. The majority of the cargo business is handled via Frankfurt Airport. Lufthansa Cargo is pursuing the goal of becoming the world's most sustainable cargo airline. To achieve this, the company relies on state-of-the-art technologies and continuous investments in the area of sustainability. In 2021, important milestones were reached, such as the fleet modernization to an all-B777F fleet and the introduction of completely CO₂-neutral freight transport for all customers. In

2022, Lufthansa Cargo plans to successively equip its fleet with Sharkskin technology and expand its Sustainable Aviation Fuel program to further reduce CO2 emissions. Lufthansa Cargo is a wholly owned subsidiary of Deutsche Lufthansa AG and the specialist for the logistics business of the Lufthansa Group.

Contacts



Nicole Mies

Press Contact

Head of Communications & Corporate Social Responsibility

press@lufthansa-cargo.com



Lufthansa Cargo Media Hotline

Press Contact

press@lufthansa-cargo.com

+49 69 696 72435



Katharina Stegmann

Press Contact

Spokesperson

katharina.stegmann@dlh.de

+49 69 696-72508



Julia Leukel

Press Contact

Spokesperson

julia.leukel@dlh.de

+49 69 696-660138



Jan Paulin

Press Contact

Spokesperson

jan.paulin@dlh.de

+49 69 696 10274