



May 23, 2017 14:22 CEST

Green excellence

Lufthansa Cargo garners German Award for Excellence with OMEGA project / using big data to improve fuel efficiency

With its OMEGA project – using big data to reduce carbon emissions – Lufthansa Cargo has garnered the DQS German Award for Excellence in the Environmental Responsibility category. The award winners were announced at the DQS Sustainability Conference 2017 on 17 May, which took place at Maritim Hotel Düsseldorf. To further encourage businesses to make a commitment to the environment, DQS has launched awards for specific corporate activities. The awards are conferred in different categories with a focus on sustainability, including Sustainable Leadership, Responsible Sourcing, Social Engagement (International) and Environmental Responsibility.

The Ops Monitor and Efficiency Gap Analyser (OMEGA) is a tool that uses data collected during cargo flights to make future flights more efficient. Hence, the tool pays directly into Lufthansa Cargo's environmental responsibility strategy. By comparing projected, actual and optimal values, it provides key information for reducing fuel consumption and carbon emissions. Pilots can use the analysis to optimally prepare for a flight and identify any deviations from the plan early on. The software was developed by software specialist Aviaso together with Lufthansa. Special applications have been added for Lufthansa Cargo, such as in the area of trim evaluation.

“Lufthansa Cargo has set itself ambitious goals in the field of climate and environmental responsibility. We are delighted to have received an award for OMEGA as one of our numerous measures aimed at improving the ecological efficiency of flight operations and achieving our targets”, said Bettina Jansen, Head of Environmental Management. Until 2020 Lufthansa Cargo wants to reduce specific carbon emissions by 25 per cent based on the level for 2005. This goal is to be met by all kinds of operational and technical measures. Significant carbon reductions have already been achieved in recent years by modernising the fleet and reducing on-board weight, to name a few examples.

Click [here](#) to find out exactly how OMEGA works in practice.

Click [here](#) for more information about Lufthansa Cargo's ecological commitment.

Lufthansa Cargo AG

Lufthansa Cargo ranks among the world's leading air freight carriers. In the 2017 business year, the airline transported around 1.6 million tonnes of freight and mail and sold 8.9 billion revenue tonne-kilometres. The company currently employs about 4,500 people worldwide. Lufthansa Cargo focuses on the airport-to-airport business. The cargo carrier serves around 300 destinations in more than 100 countries with its own fleet of freighters, the belly capacities of passenger aircraft operated by Lufthansa, Austrian Airlines and Eurowings, and an extensive road feeder service network. The bulk of the cargo business is routed through Frankfurt Airport. Lufthansa Cargo is a wholly owned Lufthansa subsidiary of Deutsche Lufthansa AG.

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