

GOGREEN PLUS CERTIFICATE 2025



A & G AUTOMATION AND GEARS GMBH

used DHL GoGreen Plus Low Emission Transportation Services for air transportation, facilitated by sustainable aviation fuel. For the period between 01/01/2025 and 31/12/2025, a third-party auditor verified the below numbers as part of this service:

Measure	Unit	Low Emission Transport Service	Reference Standard Service ¹
Total Air WtW emissions	t CO ₂ e	2.67	3.62
Air Tonne-km transported	tkm	6,715.76	6,715.76
WtW Carbon Intensity	g CO ₂ e / tkm	398.04	538.89
		Sustainable Aviation Fuel	Reference Jet A
Energy Source	Kilogram	272.72	942.56
(Fuels/Electricity) ²	MJ	11,999.61	40,624.41
Sustainable Aviation Fuel Share	%	28.93%	
Reduced Air WtW emissions	kg CO ₂ e	945.94 (-26.14%)	

Listing fuel locations:

Supplier	Process	Feedstock	Certification	Station	Reductions
AirBP	Co-processing	Used Cooking Oil (UCO) only	ISCC Plus	LEJ	285.38
World Fuel Services	Hydrotreated Esters and Fatty Acids (HEFA)	Technical Corn Oil	ISCC CORSIA	MIA	216.16
AirBP	Hydrotreated Esters and Fatty Acids (HEFA)	Used Cooking Oil (UCO) only	ISCC EU	EMA	120.37
IAG	Hydrotreated Esters and Fatty Acids (HEFA)	Used Cooking Oil (UCO) only	ISCC EU	LHR	118.71
Shell	Hydrotreated Esters and Fatty Acids (HEFA)	Used Cooking Oil (UCO) only	ISCC EU	STN	93.08
Shell	Co-processing	Spent Bleaching Earth	ISCC Plus	BRU	63.78
Neste	Hydrotreated Esters and Fatty Acids (HEFA)	Used Cooking Oil (UCO) only	ISCC CORSIA	LAX	48.46

Certificate ID: DHL-EXP-TDI-202512-0436341

Michiel Greeven
Executive Vice President
Global Commercial DHL Express

This certificate is issued by DHL Express. The greenhouse gas emissions have been calculated and reduced based on expenditures of the GoGreen Plus Services and contractually agreed emission reduction abatement price for sustainable aviation fuel. Through a book-and-claim accounting process, the greenhouse gas emission reductions are allocated to the customer’s emission balance even if DHL Express is not physically using SAF at the locations where the customer’s shipments are transported. For further details please see the glossary page.

¹Reference Standard Service – refers to entire contracted logistic service.
²The above Energy Source figures are calculated with verified conversion factors and are provided for reference only.



GOGREEN PLUS

CERTIFICATE 2025

Consolidated Customer Number	DES570552WL
Customer Name	a&g automation and gears GmbH
Initial Date	01-Jan-2025
Final Date	31-Dec-2025
Billing Country	DE
Account Numbers	148684373



GOGREEN PLUS
CARBON MANAGEMENT
Verified inseting
of GHG emissions
www.sgs.com/carbon-services



GLOSSARY

TERM	Definition
Bio-CNG	Substitutue for Compressed Natural Gaas based on biogas
Bio-LNG	Substitute for Liquefied Natural Gas based on biogas
CO ² e	CO ² equivalents include carbon dioxide (CO ²) and other greenhouse gases such as methane (CH ₄)
EV	Electric Vehicle
HVO	Hydrotreated Vegetable Oil (also known as renewable Diesel)
HFO	Heavy Fuel Oil (fossil marine fuel)
Jet-A	Conventional, fossil jet-fuel
Low Emission Transport Service	Transport Service based on sustainable fuels and/or clean technologies such as electric vehicles
MJ	Megajoule - relevant measure for energy content of Fuel
SMF	Sustainable Marine Fuel
SAF	Sustainable Aviation Fuel
tkm	Tonne-kilometer - relevant measure for transport service volume
WtW	Well-to-Wheel emissions include the full lifecycle from production to use of a fuel / energy carrier used
WtW emission baseline	All GHG emissions are calculated with lifecycle (WTW) emission factors. For the year 2025, the emission factors from the GLEC Framework 3.1 (kerosene, diesel and fuels from natural gas) and from the latest IEA emission factor set (electricity and district heating) have been applied for the reference transport service.

According to DHL Group’s Sustainable Fuel Policy only sustainably produced fuels without palm oil and palm fatty acid distillate (PFAD) certified by the Roundtable of Sustainable Biomaterials (RSB) or International Sustainability & Carbon Certification (ISCC) may be used. DHL Group used the SAF and reduced emissions from its greenhouse gas emission balance reporting Scope 1 and Scope 3 category 3. When DHL Group engaged in a low emission transport solution through a partnership with DHL service partners, it resulted in a reduction of the Group's greenhouse gas emissions within the Scope 3 category 4. The SAF as documented within this certificate, has been purchased by DHL Group or its affiliates. SGS (Société Générale de Surveillance) has verified the tracked greenhouse gas emissions and the related reductions against the Carbon Management System and according to the, Greenhouse Gas Protocol – Product Life Cycle Accounting and Reporting Standard”. Definitions of the terms mentioned in this certificate can be found on the third page of this document. DHL Group does not take any liability relating to the ability of its customer to make a successful claim of emission reduction of Scope 3 category 4 and 9.

