



DHL EXPRESS GOGREEN DASHBOARD

CUSTOMER EMISSION REPORT

Prepared for: Eurobio Scientific UK

Customer definition is done with the codes below:
GSFA codes: UKS583778SS

Creation Date: January 14 2025

Period Selected: January 2024 - December 2024



INTRODUCTION

Our **DHL Express GoGreen Dashboard** is designed to offer you a solution for your overall company's carbon emissions data with DHL Express. It is compliant with the international GLEC framework and ISO 14083.

[Go to Dashboard](#)

What can you find in the DHL Express GoGreen Dashboard?

Page	Description
Overview	Total CO2e emissions and development over time
Emission Breakdown	Comprehensive data tables containing volume, emission, clean delivery figures, available to be grouped in different variations. In addition, a further drilldown to see the underlying single shipment emission figures is available via a right click.
Emission Trend	Comprehensive data tables containing volume figures, relative and absolute emission KPI's, in parallel to over time visualization.
Geographical Flow	World maps visualizing trade lanes on country and city level
Top Lanes	Emissions, volumes and efficiency KPI's split by the top 25 "Country to Country" or "Service Area to Service Area" lanes
Glossary	A glossary, defining indicators and terms used in this application

DHL Express Internal Information

Supporting Material

Training materials and additional documentation on technical setup and methodology used, can be found [here](#).

Access

Frontline Sales access is based on COMET primary positions and territories. For other functions, please request access to Data Factory if you have not done so already, using this [form](#).

Contact

For any technical issues, please raise a ticket with us via this [link](#).

Important Information

- The report contains CO2 equivalent emissions (CO2e) caused directly by DHL Express entities and by its subcontractors as defined in scopes 1, 2 and 3 of the GHG Protocol by WRI/WBCSD.
- The CO2e emissions cover the complete transport chain from pickup to delivery as well as stationary facilities such as hubs, gateways, stations and warehouses and related upstream emissions. Note that the emissions presented here do not include the reductions achieved via your contribution (if any) to the GoGreen Plus service.
- Bottom-up approach: Specific CO2e emissions are calculated ex-post per shipment based on the emissions and loading factors of the vehicles used and are allocated to the shipments.
- No additional GHGs are included beyond CO2, CH4, N2O, SF6, HFCs, PFCs
- Emissions tables and master data are updated every year in February based on previous years (January to December) emissions for Road, Real Estate and Air.
- The DHL Express proprietary emission calculation system, applied methodologies and factors are verified by external auditors on a yearly basis for meeting the principles of Transparency, Accuracy, Consistency, Completeness and Relevance.
- DHL Express assumes liability for the accuracy of the calculation of the CO2e emissions only based on the terms and conditions set forth in the GoGreen and/or transport contract concluded with the customer. DHL Express explicitly excludes any liability for the completeness and accuracy of the report in case of a use by any third party other than the customer set forth in the report.

Version: 1.3.2 as of 25/07/2024



Total Emissions in kg CO₂e

Annual

Quarterly

Monthly

Period: 2024 | Billing Country: All | Customer: All | Account: All

Well-to-Wheel

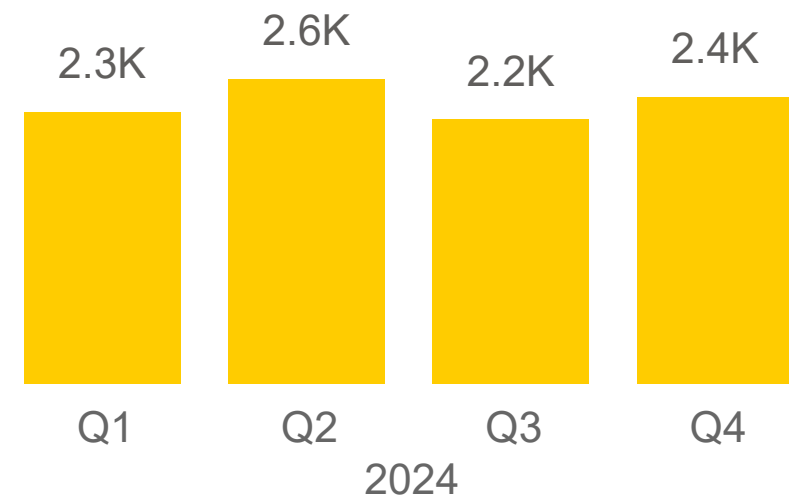
46.7% ▲

2.42K

Current QTD

1.65K

QTD Previous Year



Tank-to-Wheel

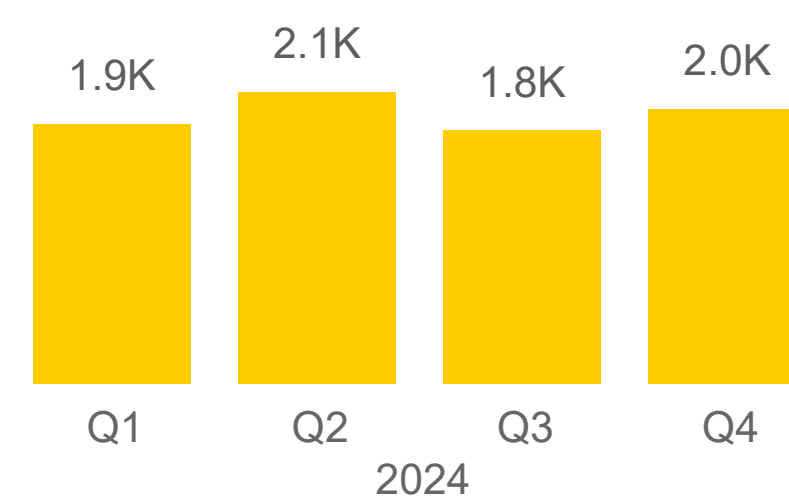
47.6% ▲

1.98K

Current QTD

1.34K

QTD Previous Year



Emission Intensity Transport

in kg WtW CO₂e per Tonne-km

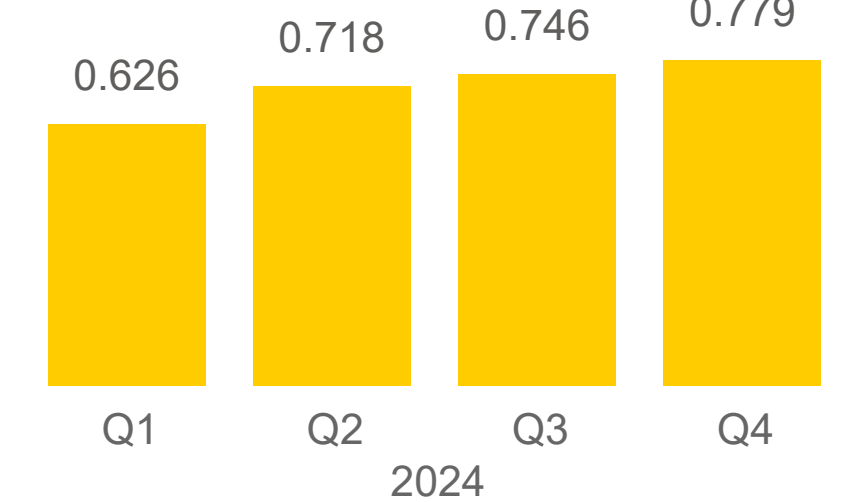
29.8% ▲

0.779

Current QTD

0.600

QTD Previous Year



Breakdown by (Year-to-Date)

Customer Division

Well-to-Wheel, Total

Transport Mode

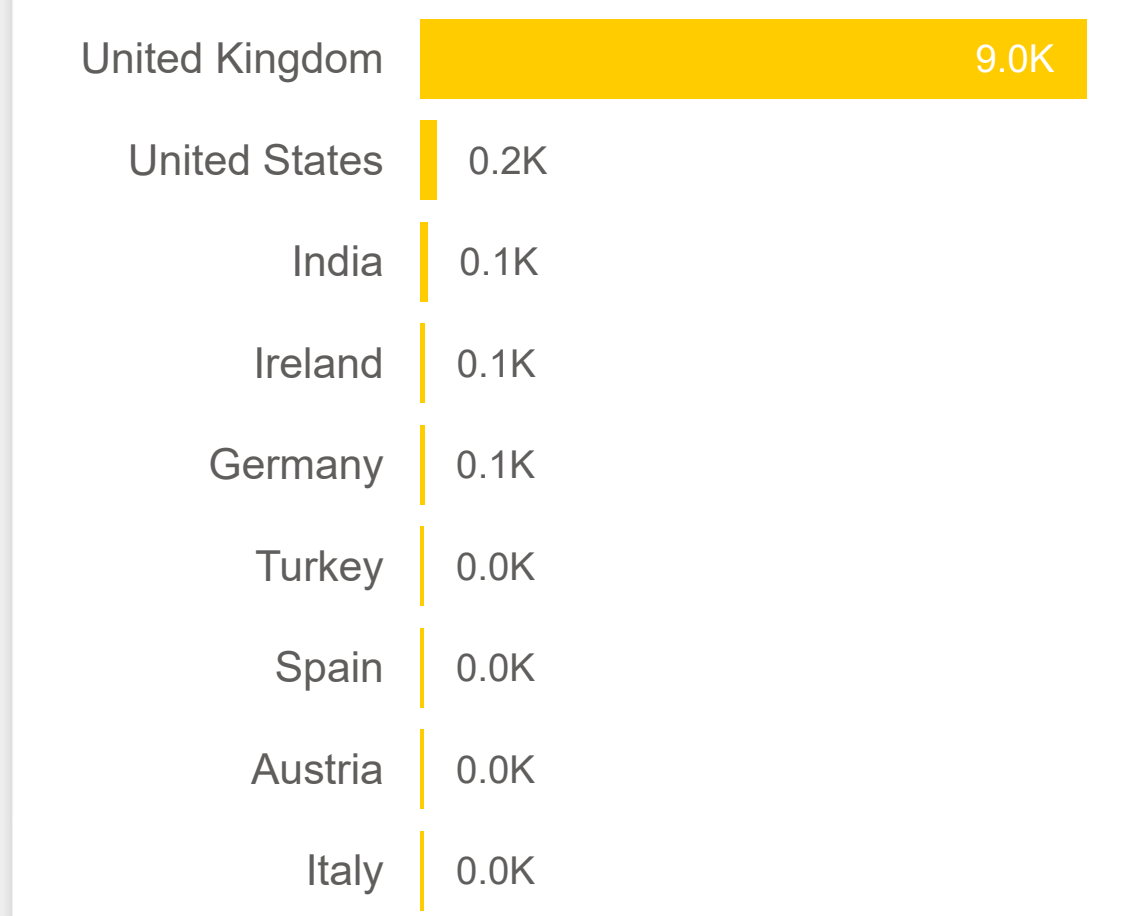
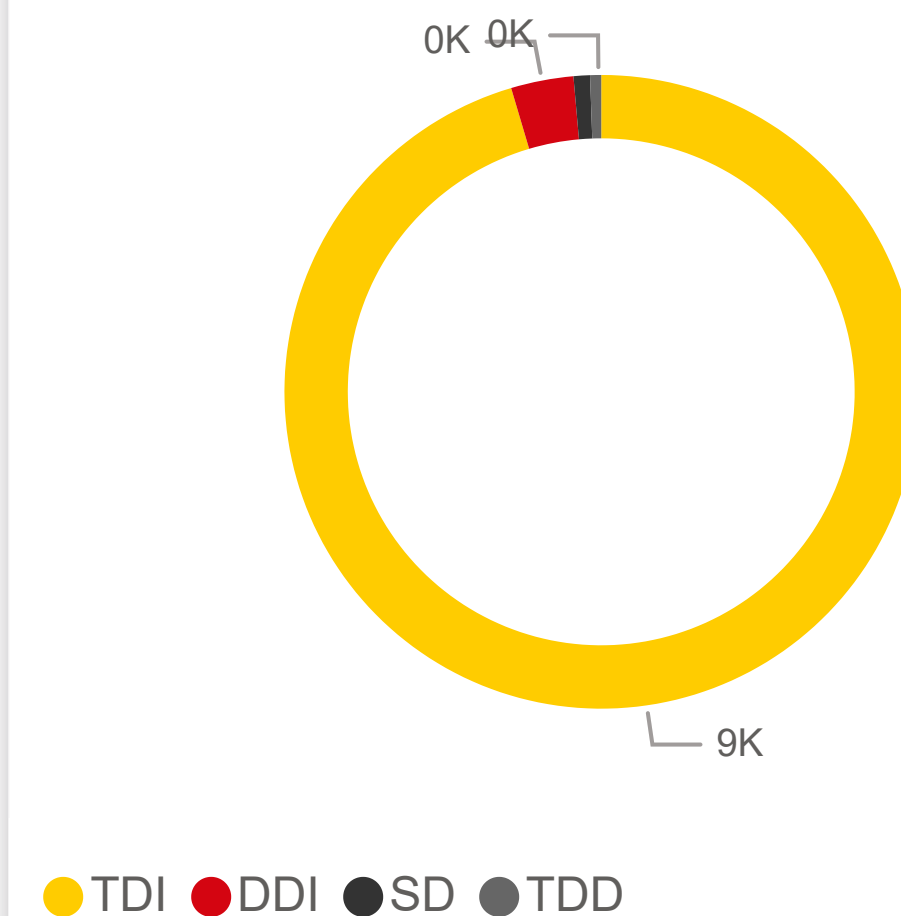
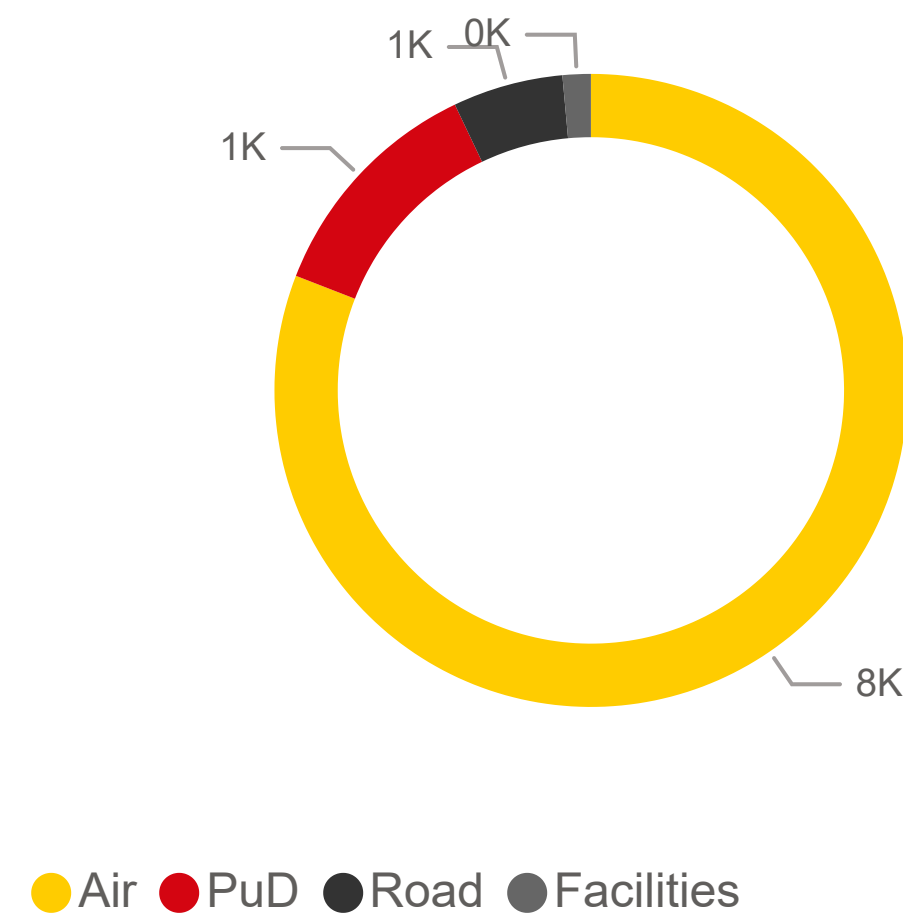
Well-to-Wheel, Total

Product Group

Well-to-Wheel, Total

Destination Country

Well-to-Wheel, Total





Emission Breakdown and Shipment Drilldown ?

Period
 Billing Country
 Customer
 Account

- By Year
- By Year & Month**
- By Product Group
- By Product
- By Origin Region
- By Origin Country
- By Destination Region
- By Destination Country
- By Country Lane
- By Service Area Lane
- By Customer Division
- By Account Number
- By Transport Mode

Year	Month Name	Shipment Quantity	Shipment Weight (in kg)	Distance (in km)	Tonne KM (in tkm)	Shipment Share of Clean Delivery	Weight Share of GoGreen Plus	CO2e TtW (in kg)	CO2e WtW (in kg)	Share CO2e WtW Air	Emission Intensity (in kg CO2e per TKM)	Emission Intensity (in kg CO2e per Shipment)	Emission Intensity (in kg CO2e per Kilo)	Energy WtW (in MJ)
2024	January	28	1,121	68,448	1,337	3.6%		517	638	37.7%	0.477	22.785	0.569	10,140
2024	February	33	697	81,979	1,371	0.0%		771	945	74.0%	0.689	28.629	1.355	13,775
2024	March	27	366	67,533	958	7.4%		583	713	84.6%	0.744	26.402	1.948	10,245
2024	April	17	386	50,500	656	5.9%	39.6%	410	502	75.8%	0.765	29.531	1.301	7,373
2024	May	21	410	83,871	1,630	4.8%	94.0%	1,063	1,299	89.9%	0.797	61.840	3.171	18,270
2024	June	16	476	51,655	1,296	0.0%	43.7%	629	771	72.3%	0.595	48.179	1.619	11,135
2024	July	26	355	67,058	1,372	3.8%	86.3%	864	1,056	88.7%	0.770	40.613	2.979	14,881
2024	August	5	193	26,444	747	20.0%	50.6%	376	460	81.8%	0.615	91.917	2.387	6,509
2024	September	30	303	67,084	870	6.7%	86.6%	585	714	86.6%	0.821	23.815	2.362	10,156
2024	October	26	299	74,705	1,308	0.0%	75.8%	784	957	89.8%	0.732	36.817	3.201	13,431
2024	November	23	304	63,622	835	13.0%	87.3%	591	722	86.6%	0.865	31.390	2.379	10,283
2024	December	19	342	60,341	963	10.5%	93.0%	605	740	85.6%	0.768	38.950	2.164	10,585
Total		271	5,249	763,241	13,343	5.2%	42.3%	7,778	9,516	80.9%	0.713	35.116	1.813	136,782

Emission and Shipment Trend

Period Billing Country Customer Account

Customer Volumes

	2023			2024			Variance	
	GoGreen Plus	Others	Total	GoGreen Plus	Others	Total	Abs.	%
Number of Shipments		290	290	138	133	271	-19	-6.6%
Weight (in kg)		7,675	7,675	2,221	3,028	5,249	-2,426	-31.6%
Tonne Kilometres		10,121	10,121	8,457	4,885	13,343	3,221	31.8%
Energy (MJ WtW)		88,684	88,684	94,600	42,182	136,782	48,098	54.2%

Relative Emissions Indicator

	2023			2024			Variance	
	Emissions (WtW, in kg)	Total	Emissions per Unit (in kg)	Emissions (WtW, in kg)	Total	Emissions per Unit (in kg)	Abs.	%
EpS Emissions per Shipment	5,832	290	20.109	9,516	271	35.116	15.007	74.6%
EpK Emissions per Kilo	5,832	7,675	0.760	9,516	5,249	1.813	1.053	138.6%
EpTK Emissions per TonneKM	5,832	10,121	0.576	9,516	13,343	0.713	0.137	23.8%

Total CO₂e Emissions

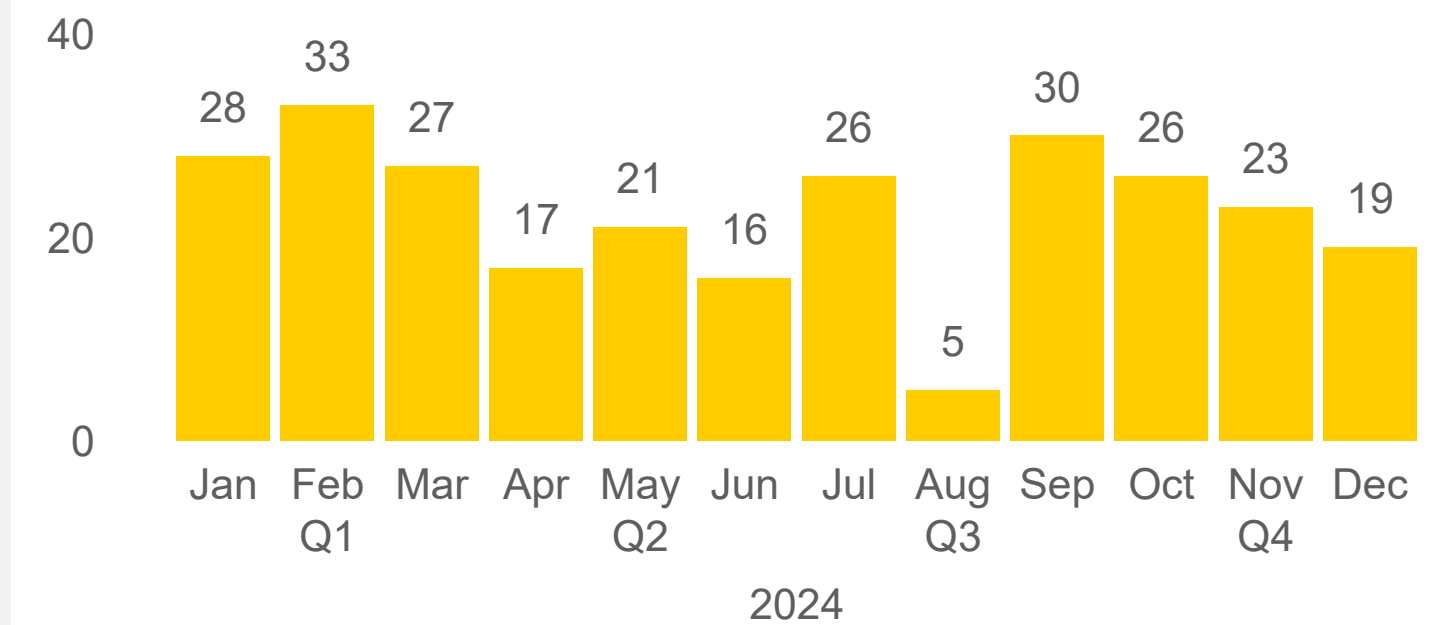
	2023			2024			Variance	
	TtW (in kg)	TtW (in %)	WtW (in kg)	TtW (in kg)	TtW (in %)	WtW (in kg)	Abs.	%
Air Transport	2,514	53.0%	3,070	6,305	81.1%	7,698	4,629	150.8%
Road Transport	903	19.0%	1,130	429	5.5%	536	-594	-52.6%
Pickup & Delivery	1,185	25.0%	1,467	928	11.9%	1,145	-322	-22.0%
Facilities	141	3.0%	165	117	1.5%	137	-28	-17.0%
Total Emissions	4,743	100%	5,832	7,778	100%	9,516	3,685	63.2%

Over Time Side by Side Comparison by Month

Product Country Lane

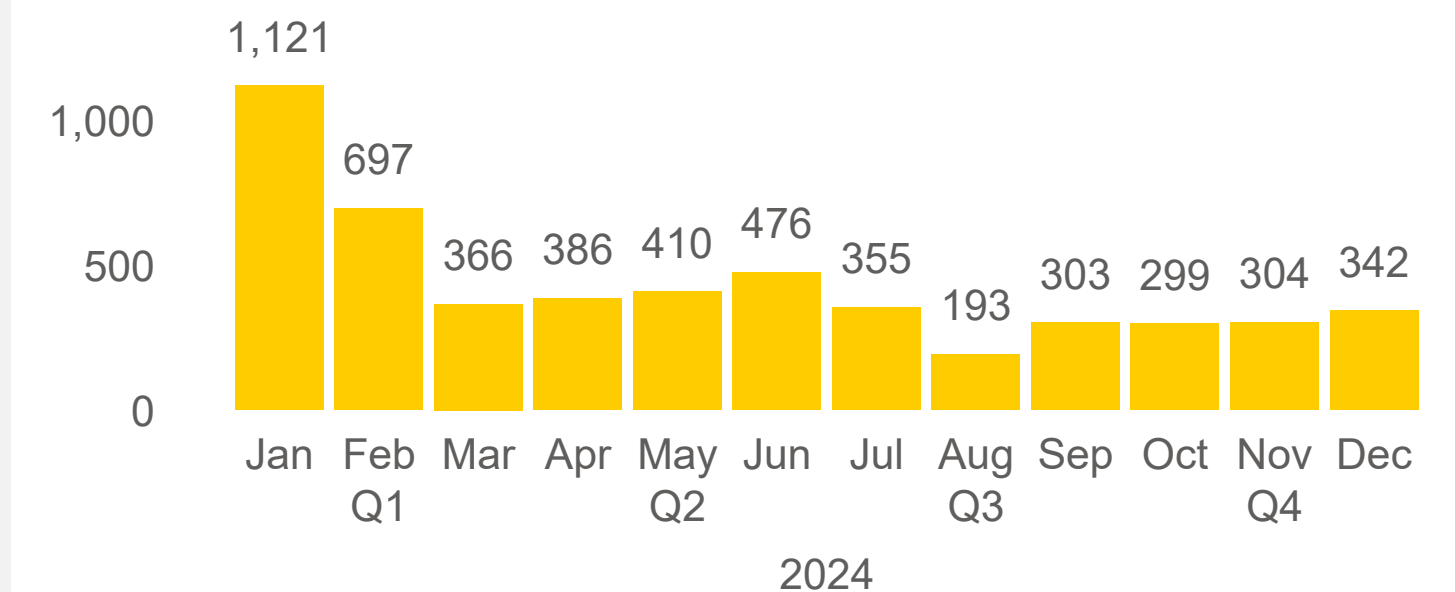
Shipment Quantity
 Shipment Weight
 CO₂e WtW
 Emissions per Kilo

Shipment Quantity by Period



Shipment Quantity
 Shipment Weight
 CO₂e WtW
 Emissions per Kilo

Shipment Weight by Period



Geographical Flow

Period:
 Billing Country:
 Customer:
 Account:

Shipment Volumes and Emissions by Origin and Destination Country

Number of Lanes shown on map:



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Country Lane Names	Shipment Quantity	Shipment Weight (in kg)	Tonne KM (in tkm)	CO2e WtW (in kg)	Emissions per TKM
1 United States-United Kingdom	41	590	6,308	4,290	0.680
2 Austria-United Kingdom	56	1,794	3,406	2,896	0.850
3 Germany-United Kingdom	50	461	735	832	1.131
4 Netherlands-United Kingdom	17	1,455	1,566	533	0.340
5 United Kingdom-United Kingdom	49	569	351	267	0.760
6 United Kingdom-United States	1	37	336	223	0.663
7 Sweden-United Kingdom	2	53	123	108	0.883
	271	5,249	13,343	9,516	0.713

Shipment Volumes and Emissions by Origin and Destination City

Number of Lanes shown on map:



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Service Area Lane Names	Shipment Quantity	Shipment Weight (in kg)	Tonne KM (in tkm)	CO2e WtW (in kg)	Emissions per TKM
1 Van Nuys-Gatwick	38	586	6,286	4,275	0.680
2 Vienna-Gatwick	51	1,776	3,366	2,858	0.849
3 -Gatwick	51	488	766	843	1.100
4 Eindhoven-Gatwick	14	1,251	1,337	453	0.339
5 Gatwick-Salt Lake City	1	37	336	223	0.663
6 Gatwick-Belfast	21	164	147	120	0.818
7 Stockholm-Gatwick	2	53	123	108	0.883
	271	5,249	13,343	9,516	0.713

Top 25 Lanes

Period Billing Country Customer Account

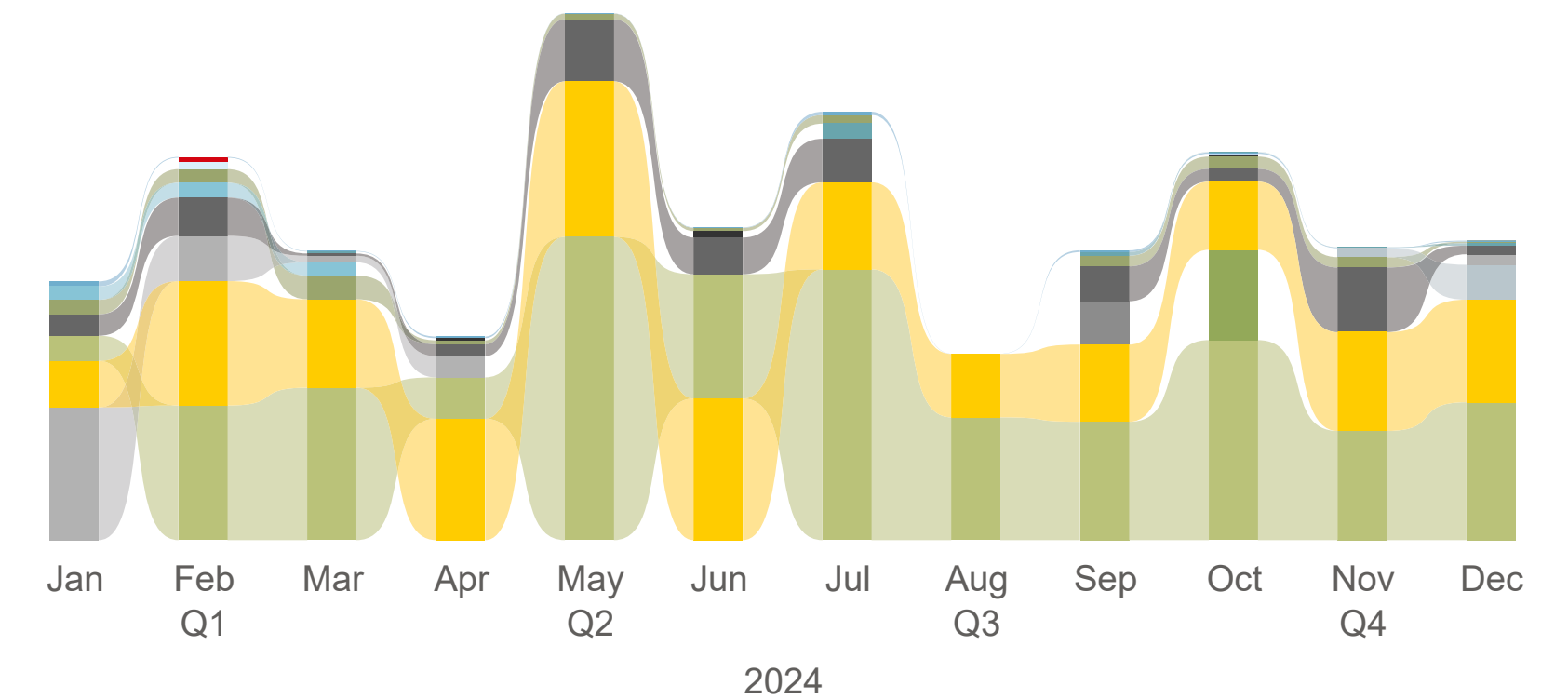
Breakdown of Top 25 Lanes

Top 25 ranking based on

Country Lanes	Shipment Quantity	Shipment Weight (in kg)	Tonne KM (in tkm)	CO2e WtW (in kg)	Share CO2e WtW	Emission Intensity (in kg CO2e per TKM)	Emission Intensity YoY YTD Var. in %
United States-United Kingdom	41	590	6,308	4,290	45.1%	0.680	-0.38%
Austria-United Kingdom	56	1,794	3,406	2,896	30.4%	0.850	7.96%
Germany-United Kingdom	50	461	735	832	8.7%	1.131	3.44%
Netherlands-United Kingdom	17	1,455	1,566	533	5.6%	0.340	-1.00%
United Kingdom-United Kingdom	49	569	351	267	2.8%	0.760	5.56%
United Kingdom-United States	1	37	336	223	2.3%	0.663	100.00%
Sweden-United Kingdom	2	53	123	108	1.1%	0.883	2.54%
Italy-United Kingdom	1	56	127	107	1.1%	0.838	100.00%
United Kingdom-India	3	14	136	102	1.1%	0.751	12.03%
United Kingdom-Germany	15	41	63	58	0.6%	0.924	-33.95%
United Kingdom-Ireland	28	135	110	42	0.4%	0.377	-8.46%
Germany-Ireland	3	8	16	25	0.3%	1.522	100.00%
United Kingdom-Turkey	1	6	18	17	0.2%	0.952	1.11%
France-United Kingdom	1	27	31	11	0.1%	0.364	-64.76%
United Kingdom-Spain	1	2	4	3	0.0%	0.912	100.00%
United Kingdom-Austria	1	4	8	2	0.0%	0.205	100.00%
United Kingdom-Italy	1	2	4	1	0.0%	0.234	100.00%
Total Top 25	271	5,249	13,343	9,516	100.0%	0.713	25.51%
Total All Lanes	271	5,249	13,343	9,516	100.0%	0.713	25.51%

CO2e WtW (in kg)

by Year, Quarter Name, Month Name and Lane



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Glossary



Metrics and KPIs	Description
CO2e (kg)	Carbondioxide equivalent in kilos. "Equivalent" means that other greenhouse gases (GHGs) are represented in their equivalent amount in CO2, rather than reported individually. The six GHGs are carbondioxide (CO2), methane (CH4), nitrousoxide (N2O), sulphurhexafluoride (SF6), hydrofluorocarbons (HFCs) and perfluorocarbons (PFCs).
Emission Intensity (in kg CO2e per TKM)	A measure of the emission efficiency of transport, calculated as the total CO2 equivalent emissions per Tonnekilometer. Best used for comparison: 1-Analyze Trends: Look at how the emission intensity changes over time. A decreasing trend could indicate that the organization is becoming more carbon efficient. 2-Benchmark: Compare the emission intensity with industry averages or with other similar organizations to assess performance. 3-Identify Opportunities: Use the emission intensity analysis to identify areas for improvement and to inform emission reduction strategies.
Energy (MJ)	The total Energy consumption measured in mega joules.
EpK (Emissions per kilogram)	This measures the amount of GHG emissions produced per kilogram of freight transported. It's calculated by dividing the total CO2e emissions by the total weight of the freight transported (in kilograms). This indicator provides a useful measure of the carbon efficiency of freight transport, allowing comparisons across different modes of transport, routes, or logistics processes.
EpS (Emissions per shipment)	This is the amount of GHG emissions associated with each shipment. It can be useful for assessing the carbon efficiency of different types of shipments or different logistics processes. To calculate it, divide the total emissions by the total number of shipments.
EpTK (Emissions per ton-kilometer)	This is the amount of GHG emissions produced per ton-kilometer of freight transport. It's a commonly used metric in logistics as it takes into account both the distance traveled and the weight of the freight. To calculate it, divide the total emissions by the total ton-kilometers of freight transported.
Share CO2 (WtW) Air	The percentage of CO2e (WtW) related to air transport only, expressed as a portion of the total emissions generated from all modes of transport throughout the entire shipment journey.
Shipment Share of Clean Delivery	The percentage of shipments picked up or delivered using electric vehicles or bikes.
TonneKM	This is a standardized unit of measure in freight transport that quantifies the total transport output. It's calculated by multiplying the weight of the freight (in metric tonnes) by the distance it's transported (in kilometers). Each individual shipment contributes to the total TKM by considering its specific weight and the distance it travels. It's important to note that for accurate calculations, each shipment's data should be considered individually, as not all weight is transported over all distances when evaluating multiple shipments. TKM provides a comprehensive view of transport activity, factoring in both the volume of freight and the distance it is moved.
Weight Share of GoGreen Plus	The percentage of the total shipment weight that is shipped using GoGreen Plus.

Terms and Abbreviations	Description
Air Transport	Emissions related to aviation-based linehaul activities, both owned and 3rd party aircraft.
AM	Americas: North and South America, including the US.
AP	Asia-Pacific: Oceania, East and South Asia, excluding Middle East.
Clean Delivery	The shipments that were either picked-up or delivered in a clean manner (via an electric vehicle, walking or bike).
CO2e	Carbondioxide equivalent in tonnes or kilos. "Equivalent" means that other greenhouse gases (GHGs) are represented in their equivalent amount in CO2, rather than reported individually. The six GHGs are carbondioxide (CO2), methane (CH4), nitrousoxide (N2O), sulphurhexafluoride (SF6), hydrofluorocarbons (HFCs) and perfluorocarbons (PFCs).
DDI	Day Definite International; services with day-critical delivery across countries.
EM	Emerging Markets: Middle East and Africa.
Emission Intensity	In logistics, emission intensity refers to the amount of CO2e emissions produced per tonne-kilometer of transported goods/services. It is a metric to assess the environmental impact and efficiency of a specific operation.
Envelope	A specific TDI product (DHL Express Envelope) that was up to December 2023 automatically considered GoGreen and thus offset. However as of January 2024, it is automatically considered GoGreen Plus and thus inset.
EU	Europe: Both European Union and non-EU, including Israel, Russia and Turkey.
Facilities	Emissions from all activities in DHL facilities, both at origin and destination (terminals) and in-between (hubs).
GoGreen Plus	Our insetting service which enables our customers to reduce the air emissions they produce by either signing up with a contract or using the tick-box option when booking via my DHL+
Insetting	The process of reducing emissions made by using sustainable aviation fuel (SAF). DHL Express uses SAF and enables its customers to claim emission reduction via GoGreen Plus
MJ	Megajoule; the amounts reported here reflect the corresponding energy used during transport, expressed in Megajoule units.
Pickup and Delivery	Emissions related to first and last mile stage activities, typically vans.
Road Transport	Emissions related to truck-based linehaul activities.
TDD	Time Definite Domestic; services with time-critical delivery within a country.
TDI	Time Definite International; services with time-critical delivery across countries.
TtW	Tank-to-Wheel: Refers to emissions and energy spent during the operational or downstream part of the lifecycle, either directly from vehicle transport (both air and road) and pick-up and delivery (PuD) activities or indirectly from DHL facilities (e.g. electricity). These activities are fully controlled by DHL.
WtT	Well-to-Tank: Reflects the upstream process of extraction, production and transport of fuel and energy; DHL does not have direct influence on these emissions and energy uses. Not separately shown in this report.
WtW	Well-to-Wheel: Describes the full lifecycle consisting of all relevant emissions and energy. Breaks down into TtW & WtT.