DHL EXPRESS
GOGREEN DASHBOARD

CUSTOMER EMISSION REPORT

Prepared for: Eurobio Scientific UK

Customer definition is done with the codes below:
Accounts Numbers: 956230326,188813395

Creation Date: July 31 2024

Period Selected: January 2024 - June 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

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.

SGS VERIFIED
DHL Carbon Emission Calculation Tool
www.sgs.com/climatechange

Version: 1.3.2 as of 25/07/2024

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 questions on methodology, understanding or technical issues, please raise a ticket with us via this link.

Eurobio Scientific UK Accounts: 188813395, 956230326

Total Emissions *in kg CO_2e*

Annual | Quarterly | **Monthly**

DHL Express

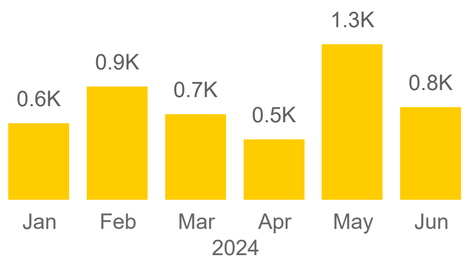
Period 2024 | **Billing Country** All | **Customer** Eurobio Scientific UK | **Account** All

Well-to-Wheel

353.8% ▲

770.86
Current Month

169.85
Month Previous Year

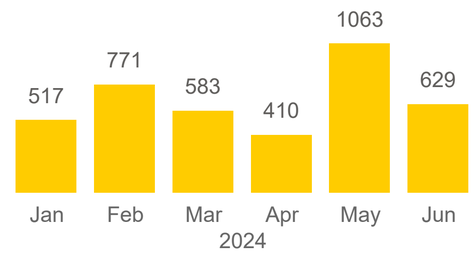


Tank-to-Wheel

356.3% ▲

629.08
Current Month

137.85
Month Previous Year



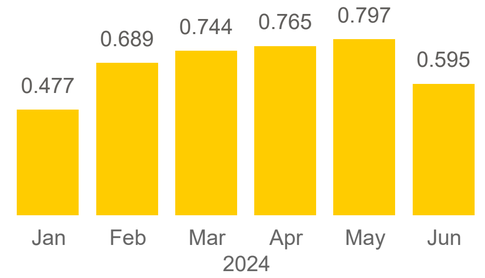
Emission Intensity Transport

in kg WtW CO2e per Tonne-km

11.8% ▲

0.595
Current Month

0.532
Month Previous Year



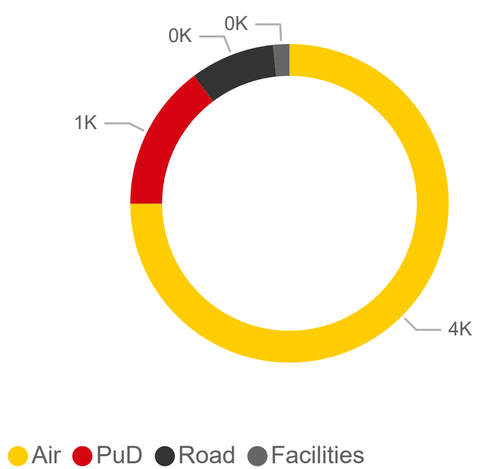
Breakdown by (Year-to-Date)

Customer Division

Well-to-Wheel, Total

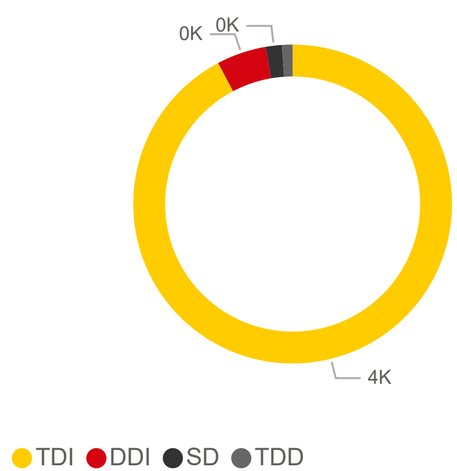
Transport Mode

Well-to-Wheel, Total



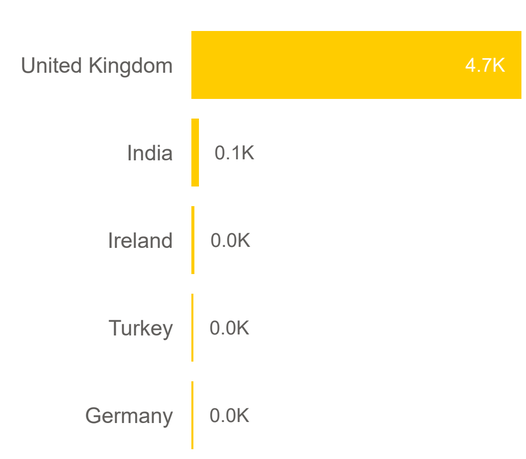
Product Group

Well-to-Wheel, Total



Destination Country

Well-to-Wheel, Total



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Emission Breakdown and Shipment Drilldown

Period 2024 | **Billing Country** All | **Customer** Eurobio Scientific UK | **Account** All

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	Product	Account Number	Account 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 WtW (in kg)	S W
2024	January	DHL Express 12:00 (Non Doc)	956230326	EUROBIO SCIENTIFIC UK LIMITED	3	9	32,183	91	0.0%		62	
2024	January	DHL Express Domestic	188813395	EUROBIO SCIENTIFIC UK LIMITED	1	6	896	5	0.0%		4	
2024	January	DHL Express Domestic 12:00	188813395	EUROBIO SCIENTIFIC UK LIMITED	2	24	1,246	15	0.0%		8	
2024	January	DHL Express Worldwide (Non Doc)	956230326	EUROBIO SCIENTIFIC UK LIMITED	11	813	17,013	933	0.0%		430	
2024	January	DHL Medical Express (Doc)	188813395	EUROBIO SCIENTIFIC UK LIMITED	4	55	2,328	28	0.0%		23	
2024	January	DHL Medical Express (Non Doc)	188813395	EUROBIO SCIENTIFIC UK LIMITED	6	51	13,661	80	16.7%		45	
2024	January	DHL Same Day Sprintline (Doc)	956230326	EUROBIO SCIENTIFIC UK LIMITED	1	165	1,121	185	0.0%		64	
2024	February	DHL Economy Select (Non Doc)	956230326	EUROBIO SCIENTIFIC UK LIMITED	3	265	3,865	294	0.0%		99	
2024	February	DHL Express 12:00 (Non Doc)	956230326	EUROBIO SCIENTIFIC UK LIMITED	2	37	11,888	57	0.0%		60	
2024	February	DHL Express Domestic	188813395	EUROBIO SCIENTIFIC UK LIMITED	3	11	2,688	9	0.0%		8	
2024	February	DHL Express Worldwide (Non Doc)	956230326	EUROBIO SCIENTIFIC UK LIMITED	14	263	43,236	850	0.0%		679	
2024	February	DHL Medical Express (Doc)	188813395	EUROBIO SCIENTIFIC UK LIMITED	4	57	2,574	37	0.0%		26	
2024	February	DHL Medical Express (Non Doc)	188813395	EUROBIO SCIENTIFIC UK LIMITED	5	17	15,589	72	0.0%		55	
2024	February	DHL Medical Express (Non Doc)	956230326	EUROBIO SCIENTIFIC UK LIMITED	2	49	2,138	52	0.0%		18	
2024	March	DHL Economy Select (Non Doc)	188813395	EUROBIO SCIENTIFIC UK LIMITED	1	8	1,414	11	0.0%		3	
2024	March	DHL Express 12:00 (Non Doc)	956230326	EUROBIO SCIENTIFIC UK LIMITED	2	12	21,455	129	0.0%		88	
2024	March	DHL Express 9:00 (Non Doc)	956230326	EUROBIO SCIENTIFIC UK LIMITED	1	5	1,781	9	0.0%		9	
Total					**142**	**3,455**	**403,987**	**7,248**	**3.5%**	**21.6%**	**4,867**	

Eurobio Scientific UK Accounts: 188813395, 956230326

Emission and Shipment Trend

Period 2024 | **Billing Country** All | **Customer** Eurobio Scientific UK | **Account** All

Customer Volumes

		2023 To Date			2024 To Date			Variance	
		GoGreen Plus	Others	Total	GoGreen Plus	Others	Total	Abs.	%
	Number of Shipments		143	143	34	108	142	-1	-0.7%
	Weight (in kg)		3,574	3,574	746	2,709	3,455	-119	-3.3%
TKM	Tonne Kilometres		4,861	4,861	2,719	4,529	7,248	2,387	49.1%
	Energy (MJ WtW)		40,949	40,949	31,411	39,526	70,938	29,989	73.2%

Relative Emissions Indicator

		2023 To Date			2024 To Date			Variance	
		Emissions (WtW, in kg)	Volume (Others)	Emissions per Unit (in kg)	Emissions (WtW, in kg)	Volume (Others)	Emissions per Unit (in kg)	Abs.	%
EpS	Emissions per Shipment	2,703	143	18.906	4,867	108	45.066	26.160	138.4%
EpK	Emissions per Kilo	2,703	3,574	0.756	4,867	2,709	1.797	1.040	137.5%
EpTK	Emissions per TonneKM	2,703	4,861	0.556	4,867	4,529	1.075	0.518	93.2%

Total CO_2e Emissions

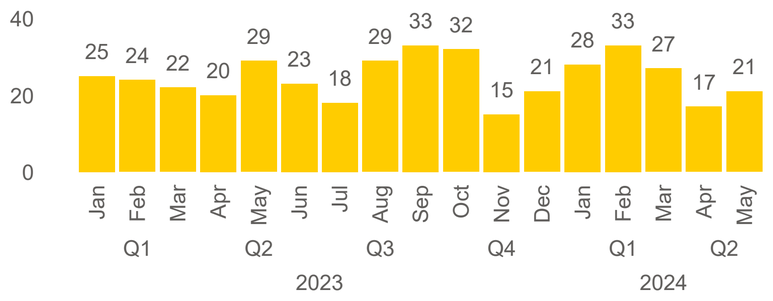
		2023 To Date			2024 To Date			Variance	
		TtW (in kg)	TtW (in %)	WtW (in kg)	TtW (in kg)	TtW (in %)	WtW (in kg)	Abs.	%
	Air Transport	1,142	52.0%	1,395	2,988	75.2%	3,649	2,254	161.6%
	Road Transport	447	20.3%	560	334	8.4%	417	-142	-25.4%
	Pickup & Delivery	545	24.8%	675	583	14.7%	721	45	6.7%
	Facilities	63	2.9%	74	69	1.7%	81	7	9.4%
	Total Emissions	2,198	100%	2,703	3,974	100%	4,867	2,164	80.0%

Over Time Side by Side Comparison by Month

Product All | **Country Lane** All

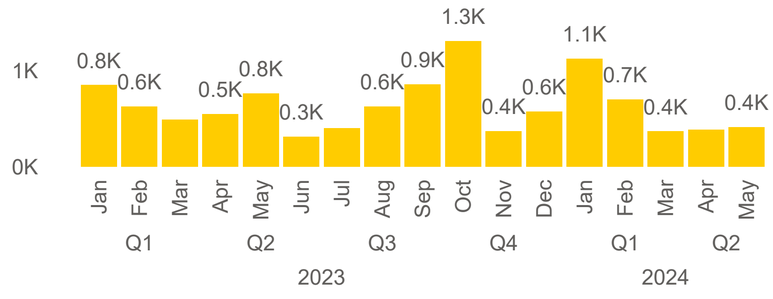
Shipment Quantity | Shipment Weight | CO2e WtW | Emissions per Kilo

Shipment Quantity by Period



Shipment Quantity | Shipment Weight | CO2e WtW | Emissions per Kilo

Shipment Weight by Period



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Eurobio Scientific UK Accounts: 188813395, 956230326

Geographical Flow

Period 2024 **Billing Country** All **Customer** Eurobio Scientific UK **Account** All

Shipment Volumes and Emissions by Origin and Destination Country

Number of Lanes shown on map: 10

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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	21	264	2,832	1,926	0.680
2	Austria-United Kingdom	31	1,073	2,050	1,670	0.815
3	Netherlands-United Kingdom	15	1,385	1,491	507	0.340
4	Germany-United Kingdom	19	239	387	426	1.100
5	United Kingdom-United Kingdom	33	358	216	159	0.737
6	United Kingdom-India	3	14	136	102	0.751
7	United Kingdom-Ireland	14	76	60	22	0.358
		142	**3,455**	**7,248**	**4,867**	**0.672**

Shipment Volumes and Emissions by Origin and Destination City

Number of Lanes shown on map: 10

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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	21	264	2,832	1,926	0.680
2	Vienna-Gatwick	27	1,059	2,020	1,642	0.813
3	Eindhoven-Gatwick	12	1,181	1,263	428	0.339
4	Mannheim-Gatwick	11	169	297	340	1.147
5	Gatwick-Hyderabad	3	14	136	102	0.751
6	Amsterdam-London-Heathrow	3	204	228	80	0.349
7	Cologne-Gatwick	7	54	63	76	1.219
		142	**3,455**	**7,248**	**4,867**	**0.672**

Verified by SGS

Eurobio Scientific UK Accounts: 188813395, 956230326

Top 25 Lanes

Period 2024 | **Billing Country** All | **Customer** Eurobio Scientific UK | **Account** All

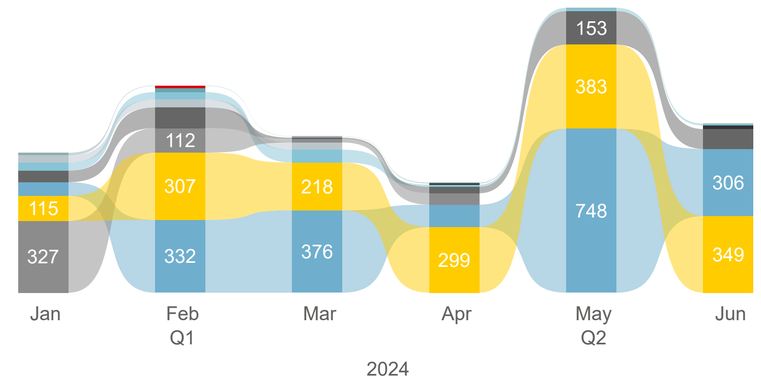
Breakdown of Top 25 Lanes

Top 25 ranking based on CO2e WtW (in kg) | Country to Country | Service Area to Service Area

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	21	264	2,832	1,926	39.6%	0.680	100.00%
Austria-United Kingdom	31	1,073	2,050	1,670	34.3%	0.815	19.63%
Netherlands-United Kingdom	15	1,385	1,491	507	10.4%	0.340	-0.65%
Germany-United Kingdom	19	239	387	426	8.7%	1.100	0.62%
United Kingdom-United Kingdom	33	358	216	159	3.3%	0.737	1.92%
United Kingdom-India	3	14	136	102	2.1%	0.751	18.45%
Germany-Ireland	2	6	13	21	0.4%	1.595	100.00%
United Kingdom-Ireland	14	76	60	22	0.4%	0.358	-14.25%
United Kingdom-Turkey	1	6	18	17	0.3%	0.952	100.00%
France-United Kingdom	1	27	31	11	0.2%	0.364	100.00%
United Kingdom-Germany	2	9	13	5	0.1%	0.390	-74.07%
Total Top 25	**142**	**3,455**	**7,248**	**4,867**	**100.0%**	**0.672**	**23.18%**
Total All Lanes	**142**	**3,455**	**7,248**	**4,867**	**100.0%**	**0.672**	**23.18%**

CO2e WtW (in kg)

by Year, Quarter Name, Month Name and Lane



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Verified by SGS

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 referes to the amount of CO2e emissions produced per tonne-kilometer of transported goods/services. It is a metric to asssess 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 reudction 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