



2022 Carbon Emissions Report

Scope 1 & Scope 2

Reporting period: **2022**

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Table of Contents

Introduction.....	2
Global Emissions Summary.....	3
Breakdown by Business Segment.....	4
Summary: Purchased Electricity Consumption (Europe).....	7
Summary: Renewable Energy (Europe).....	8
Summary: Scope 3 Purchased Electricity (Europe).....	8
2021 vs. 2022.....	9
Plans to Measure Scope 3 Emissions.....	10
Introducing Scope 4 Measurement.....	10
Organizational Boundaries.....	11
Methodology.....	12
Emissions Inventory.....	13
North America.....	13
North America: Summary of Emissions.....	15
Europe.....	16
Austria.....	16
Belgium.....	17
Bosnia & Herzegovina.....	19
Czech Republic.....	20
France.....	21
Germany.....	22
Hungary.....	24
Italy.....	25
Netherlands.....	27
Norway.....	29
Poland.....	30
Romania.....	31
Slovakia.....	32
Slovenia.....	32
Spain.....	33
Sweden.....	34
Switzerland.....	35
Tunisia.....	36
Turkey.....	36
Ukraine.....	37
United Kingdom.....	38
Ireland.....	39
Europe: LPG & CNG Consumption.....	40
Other Global Entities.....	41



Introduction

This report presents an in-depth analysis of the carbon emissions linked to LKQ's operations globally, providing a thorough breakdown of the greenhouse gasses produced. It clearly itemizes LKQ's direct (Scope 1) and indirect (Scope 2) emissions.

LKQ is devoted to lessening its environmental impact, and as such, has initiated a comprehensive climate strategy. This includes keeping a careful record of emissions, studying both past trends and future predictions, and setting goals to lower emissions. Our intention with this report is to give stakeholders a clear, unbiased view of LKQ's emissions figures, underlining the company's dedication to sustainability.

In addition to Scope 1 and Scope 2 emissions, this report also includes some Scope 3 emissions data, specifically related to European real estate assets not owned by LKQ but part of their operations. These are harder to estimate but are included to provide a more complete picture of the company's carbon footprint.

The emission estimates provided by LKQ are not only vital for regulatory reporting in different regions but also for building strategies aimed at reaching carbon reduction targets. With this report, we aspire to offer stakeholders an informative guide to better comprehend LKQ's carbon emissions and the steps the company is taking to tackle climate change.



Global Emissions Summary

The following summary table presents these emissions, all quantified in metric tonnes (MT), providing a concise snapshot of LKQ's 2022 carbon footprint and illustrating the company's ongoing dedication to sustainability.

North America

Region	Scope 1, MT CO2e	Scope 2, MT CO2e	Total CO2e (MT)
North America	171,790	46,316	218,106

Europe

Region	Scope 1, MT CO2e	Scope 2, MT CO2e	Scope 3, MT CO2e	Total CO2e (MT)
Europe	107,360	29,742	10,939	148,042

Global Carbon Footprint:

Region	Scope 1, MT CO2e	Scope 2, MT CO2e	Scope 3, MT CO2e	Total CO2e (MT)
LKQ Global	279,545	76,558	10,939	367,042

Comparison to 2021 report

2021 North America

Region	Scope 1, MT CO2e	Scope 2, MT CO2e	Total CO2e (MT)
North America	159,749	48,755	208,504

2021 Europe

Region	Scope 1, MT CO2e	Scope 2, MT CO2e	Scope 3, MT CO2e	Total CO2e (MT)
Europe	102,204	20,357	12,265	134,826



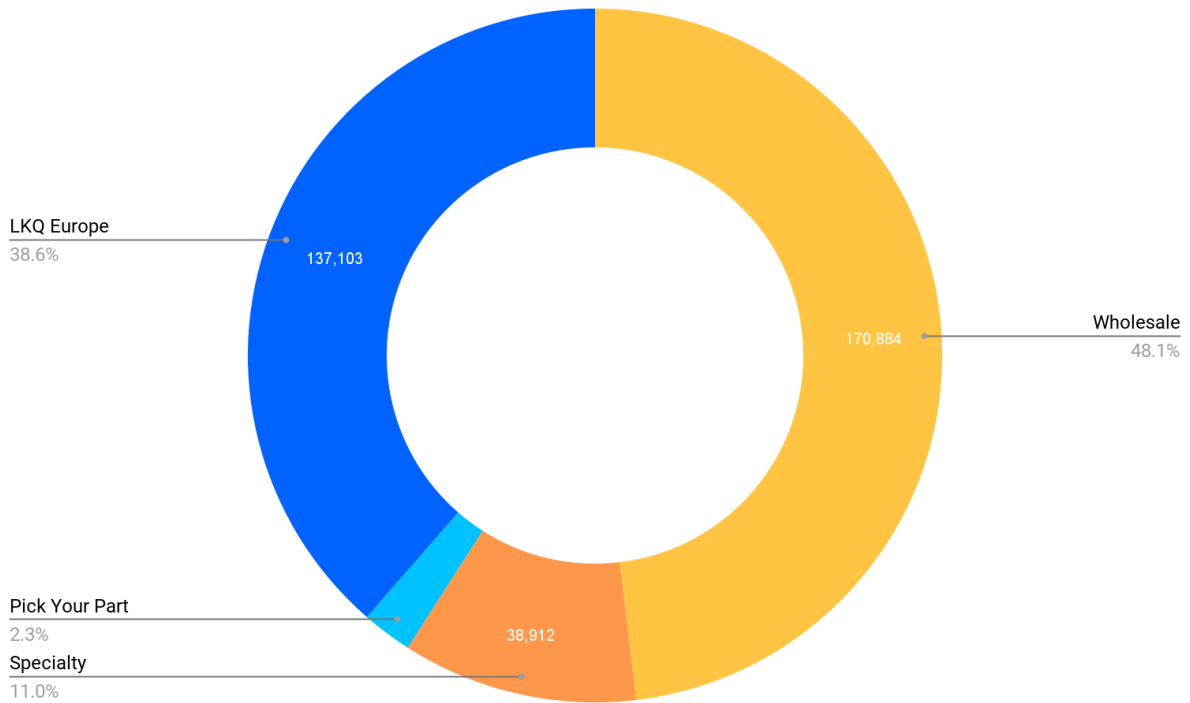
Breakdown by Business Segment

LKQ, in collaboration with Net0, provides this breakdown of Scope 1 and Scope 2 emissions for each of LKQ's business segments during the year 2022. The segments covered in this report are North America - Wholesale, LKQ Specialty, Pick Your Part, and LKQ Europe.

The presented data outlines the respective emissions in the following segments:

Business Segment	Scope 1 Emissions (MT CO2e)	% of Total Scope 1 Emissions	Scope 2 Emissions (MT CO2e)	% of Total Scope 2 Emissions
North America - Wholesale	132,995	47.64%	37,888	49.81%
LKQ Specialty	34,971	12.53%	3,941	5.18%
Pick Your Part	3,825	1.37%	4,486	5.90%
LKQ Europe	107,360	38.46%	29,743	39.10%
Total	279,151	100%	76,058	100%

Graph 1: Pie Chart - Distribution of Overall Scope 1 and Scope 2 Emissions Across Business Segments



*This pie chart provides a visual representation of the distribution of **combined** Scope 1 and Scope 2 emissions across LKQ's business segments for the year 2022. This chart provides a clear snapshot of which business segments are the largest contributors to LKQ's overall greenhouse gas emissions. Data presented in MT CO2e.*



In the spirit of continuous improvement, a comparison of Scope 1 and Scope 2 emissions between the years 2021 and 2022 is provided. This comparison aims to identify progress made in emissions reduction efforts:

Business Segment	Scope 1 Emissions 2021 (MT CO2e)	Scope 1 Emissions 2022 (MT CO2e)	Scope 2 Emissions 2021 (MT CO2e)	Scope 2 Emissions 2022 (MT CO2e)
North America - Wholesale	137,648	132,995	37,727	37,888
LKQ Specialty	46,261	34,970	4,953	3,941
Pick Your Part	3,200	3,824	6,037	4,486
LKQ Europe	103,063	107,360	20,357	29,742

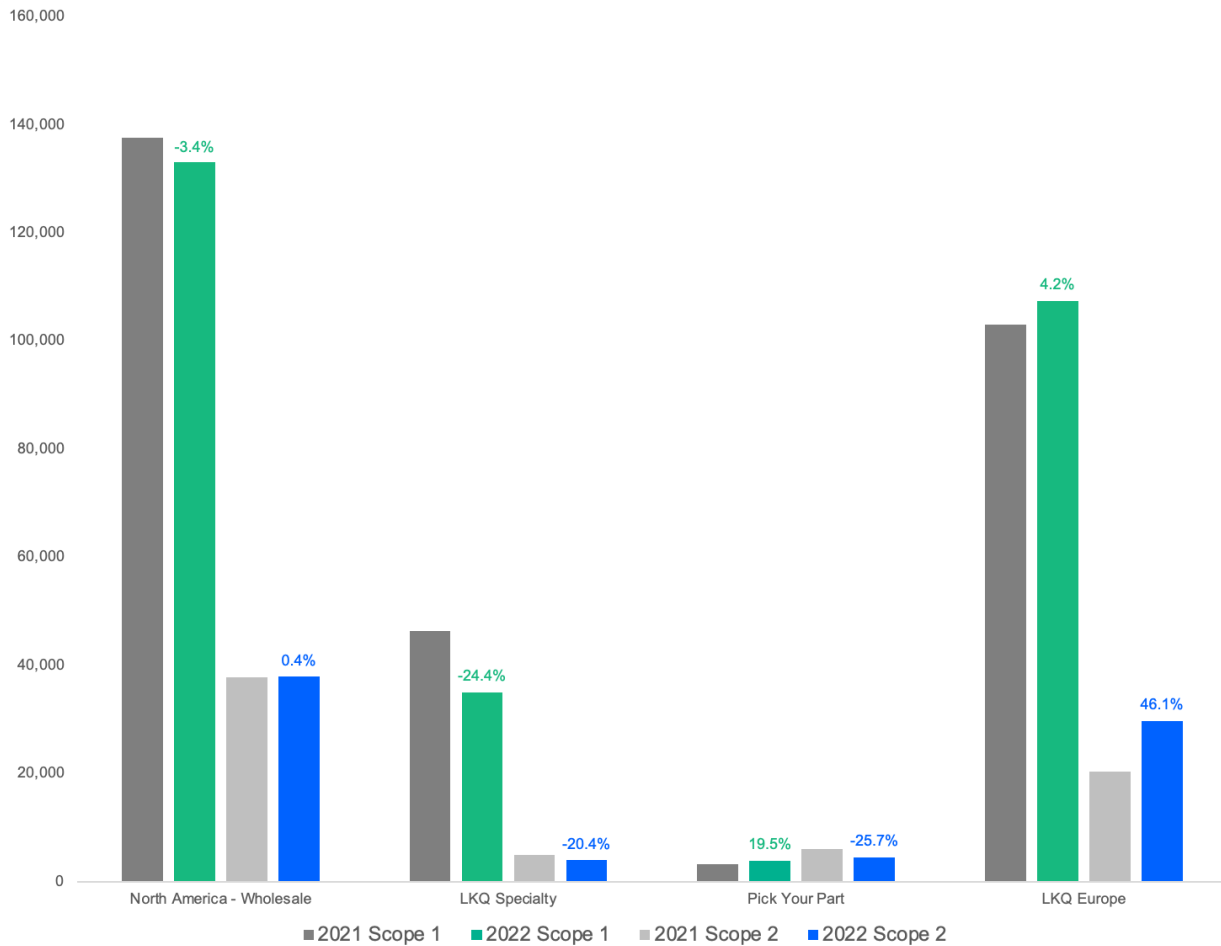
Disclaimer

While reviewing the year-over-year comparison of Scope 1 and Scope 2 emissions, it is important to understand that certain observed increases in some areas can be attributed to the following factors:

Expansion of Data Coverage: During the reporting period of 2022, LKQ has broadened its emissions accounting to include additional data sources. For instance, fuel consumption from non-fleet vehicles such as forklifts, which were previously not considered, have now been incorporated into the emissions data. As a result, the reported emissions in these areas may show an increase, which is more reflective of an improved accuracy and comprehensiveness in data coverage, rather than an actual increase in emissions.

Business Acquisitions: LKQ continually seeks opportunities to grow and expand its operations. As part of this growth strategy, several business acquisitions were completed during 2022. These newly acquired businesses contribute to the total emissions footprint, thus leading to an increase in the reported emissions for the corresponding business segments in 2022.

Graph 2: Bar Chart – Year-over-Year Comparison of Emissions Across Business Segments



This bar chart offers a comparative visualization of Scope 1 and Scope 2 emissions across LKQ's business segments for 2021 and 2022. Each business segment is denoted by a set of two bars – one for 2021 and the other for 2022. The heights of these bars represent the volume of emissions in metric tonnes of CO₂e (MT CO₂e) for their respective years. Percentages are displayed above each 2022 bar, indicating the year-over-year change in emissions. A *negative percentage signifies a reduction in emissions from 2021 to 2022, while a positive percentage indicates an increase.*

Summary: Purchased Electricity Consumption (Europe)

Region	Non-Renewable energy, kWh	Renewable energy, kWh	Total electricity purchased, kWh
Europe	87,614,363	21,292,278	108,906,641

Summary: Renewable Energy (Europe)

Country	Entity	kWh renewable energy purchased
United Kingdom	Euro Car Parts Limited	16,586,642
Sweden	Atracco Group AB	4,395,036
Norway	Atracco Group AB	208,269
Netherlands	FOURCE Netherlands	102,331

Summary: Scope 3 Purchased Electricity (Europe)

We acknowledge the presence of multiple facilities within the LKQ CEE region that function under the purview of leased assets. In these instances, the electricity consumption is not invoiced directly to LKQ Corporation. Given the absence of financial control over the leasing agreements and associated electricity contracts, the greenhouse gas emissions emanating from these facilities are classified under Scope 3 of the greenhouse gas emissions inventory.

Allocation of Scope 2 and Scope 3 emissions is outlined below:

Region	Country	Scope 2 Allocation	Scope 2 emissions, MT CO ₂ e	Scope 3 emissions, MT CO ₂ e
LKQ CEE	BOSNIA & HERZEGOVINA	87%	287	43
	CZECH REPUBLIC	24%	2,612	8,273
	HUNGARY	28%	65	167
	POLAND	43%	818	1,084
	ROMANIA	3%	18	593
	SLOVAKIA	22%	43	155
	SLOVENIA	100%	25	0
	UKRAINE	0%	0	621



2021 vs. 2022

In this section, we elucidate the key differences between the 2022 sustainability report and its 2021 predecessor, which reflect the evolving nature of LKQ's approach to carbon emissions reporting and sustainability initiatives. These changes are aimed at refining the accuracy and comprehensiveness of the reported data, thereby providing stakeholders with a more transparent and informative account of LKQ's carbon emissions and sustainability initiatives.

A notable inclusion in the 2022 report is the incorporation of non-fleet emissions resulting from fuel purchases, which were previously excluded in earlier reports. These emissions have been sourced from LKQ's procurement system, thereby expanding the scope of emissions data considered in the analysis.

To improve the overall accuracy of the data, LKQ has commenced the collection of information directly from utility providers on a monthly basis. This practice ensures more timely and precise data, which ultimately enables a more comprehensive understanding of the company's emissions profile.

In recognition of LKQ's global operations, the 2022 sustainability report employs geographically diverse emissions factors. This approach ensures that the emissions calculations better represent the environmental impact of the company's activities across various regions.

Moreover, several other modifications have been instituted throughout the reporting process. These changes aim to continuously introduce more granularity into the reporting, identify new reduction opportunities, and lay the groundwork for a more detailed Scope 3 reporting in the coming years. These ongoing enhancements reflect LKQ's unwavering commitment to advancing its sustainability efforts and reducing its overall environmental impact.



Plans to Measure Scope 3 Emissions

Beginning in 2023, LKQ Corporation, in partnership with Net0, will expand its emissions reporting to include Scope 3 emissions. Scope 3 emissions encapsulate indirect emissions associated with the corporation's value chain activities.

LKQ will begin assessing several key areas of Scope 3 emissions. Among these, a specific focus will be placed on Employee travel and commute, packaging, and emissions from global suppliers. However, these represent only the initial steps - the ultimate aim is to encompass all relevant Scope 3 categories to gain a complete understanding of LKQ's environmental impact.

Initially, a spend-based approach will be applied to measure supplier emissions. Over time, key suppliers will gradually shift to an activity-based approach to provide more granular and accurate data.

Introducing Scope 4 Measurement

In a further step towards comprehensive sustainability, LKQ is also committed to measuring and reporting Scope 4 emissions. These emissions represent the carbon savings that occur through LKQ's remanufacturing processes, as opposed to customers purchasing new auto parts or vehicles. The aim of expanding into Scope 4 reporting is to reflate emissions that are avoided on behalf of LKQ's customers.

The Scope 4 measurement signifies LKQ's commitment to a full spectrum understanding of its carbon impact, both emissions generated and emissions avoided.



Organizational Boundaries

This report covers emissions from all LKQ locations across the world, including North America, Europe, and other geographies. The report provides an accurate and transparent account of Scope 1 and Scope 2 emissions, which include direct and indirect emissions, respectively, for all LKQ operations. Additionally, limited Scope 3 emissions disclosure pertaining to European operations is included in the report.

Only companies that are controlled operationally by LKQ or its subsidiaries are included in the Scope 1 and 2 calculations. The organizational boundaries are determined based on the financial control LKQ has over its facilities and operations. Emissions from facilities and operations that are not controlled operationally by LKQ are excluded from the report.

The scope of the report is limited to LKQ's direct and indirect emissions from its operations. The report does not include emissions from the use of LKQ's products or services or from the disposal of LKQ's products at the end of their life cycle. However, LKQ is committed to addressing the environmental impact of its products and services and is taking steps to reduce their carbon footprint.



Methodology

Adhering to the GHG Corporate Standard, a systematic method is utilized by Net0 to calculate emissions throughout LKQ's extensive value chain. This incorporates both direct emissions from facilities and indirect emissions stemming from business activities.

Central to this approach is the use of activity data, like the amount of kWh of electricity purchased or the volume of fuel burned. This data-focused methodology allows for precise emissions estimations, taking into account regional differences in emission factors.

The emission factors integrated into these calculations are sourced from reputable global organizations and verified emission databases such as the EPA, BEIS, and ADEME, among others. The most relevant and current emission factor is selected for each emission source in every geography.

The essential data for emissions computations is provided either directly by LKQ or sourced from suppliers, where such integration is feasible.

When specific data is unobtainable, Net0 utilizes machine learning technology to estimate consumption and fill in any gaps. The report distinctly flags instances where this method is implemented.

While Scope 3 emissions are indeed measured by Net0, this report primarily includes Scope 1 and 2 emissions. Some Scope 3 emissions, related to LKQ's European operations, are also included. Detailed Scope 3 emissions information is available within the Net0 platform.



Emissions Inventory

This section provides a detailed breakdown of LKQ Global's carbon emissions by geography, specifically the actual location where emissions originated. The data presented covers both Scope 1 and Scope 2 emissions, which include direct emissions from LKQ Global's own operations (Scope 1) and indirect emissions from the generation of purchased energy (Scope 2).

North America

In North America, electricity-related emissions calculations are based on data extracted from an integrated energy management platform. This platform offers electricity consumption data necessary for computing Scope 2 emissions from electricity use.

The emission factors employed for these calculations are tied to the eGrid region in the USA and are derived from verified emission databases, such as the EPA, ensuring the utmost precision. In Canada, emission factors unique to each province are used to maintain regional accuracy in calculations.

Fuel-related emissions calculations are based on purchase records found in various systems to assess the quantity of fuel bought. The method doesn't rely on any distance-based approach for the fleet but solely on the quantity of fuel purchased. This method guarantees accurate fuel consumption data and precise emissions calculations.

The fuel consumption data incorporated in this report includes the fleet directly run by LKQ and its subsidiaries, and miscellaneous fuel purchases made via a centralized procurement system. Emissions from vehicles that are leased or rented are not included in this report.



Electricity Emissions

Region	Non-Renewable Electricity (kWh)	Emission Factor	Total CO2e (MT)
North America	111,856,692	eGrid Factors specific to each site	45,754
LKQ Canada	8,163,720	Grid factors specific to each geo location	548
KAO Canada	182,686	Grid factors specific to each geo location	12

Fuel Emissions (Stationary)

Region	Fuel Type	Fuel Amount	Emission Factor	Total CO2e (MT)
North America	Natural Gas	128,574,678 kWh	53.1145kg/MMBTU (EPA 2022)	23,302
North America	Propane	3,637 mmBtu	63.113 kg/mmBtu (EPA 2022)	229
LKQ Canada	Natural Gas	18,343,483 kWh	53.1145kg/MMBTU (EPA 2022)	3,324
KAO Canada	Natural Gas	915,703 kWh	53.1145kg/MMBTU (EPA 2022)	165

Non-Fleet Emissions

Region	Fuel Type	Fuel Amount (gal)	Emission Factor	Total CO2e (MT)
United States	Petrol	113,816	8.81184 kg/gal (EPA 2022)	1,002
United States	Diesel	874,139	10.2162775 kg/gal (EPA 2022)	8,930
United States	Propane	132,532	5.74081 kg/gal (EPA 2022)	760



Fleet Emissions

Region	Fuel Type	Fuel Amount	Emission Factor	Total CO2e (MT)
United States	Petrol	10,235,535 gal	8.81184 kg/gal (EPA 2022)	90,193
United States	Diesel	4,294,248 gal	10.2162775 kg/gal (EPA 2022)	43,871
United States	CNG	7,505 kg	4.51 kg/scf (EPA 2021)	9

North America: Summary of Emissions

Region	Scope 1, MT CO2e	Scope 2, MT CO2e	Total CO2e (MT)
North America	171,790	46,316	218,106

Europe

Austria

Electricity Emissions

Region	Entity	Non-Renewable Electricity (kWh)	Emission Factor	Total CO2e (MT)
LKQ STAHLGRUBER GROUP	Stahlgruber Gesellschaft mbH	1,272,809	0.0673 (AIB 2022)	85

Fuel Emissions

Region	Entity	Fuel Type	Fuel Amount (liters)	Emission Factor	Total CO2e (MT)
LKQ STAHLGRUBER GROUP	Stahlgruber Gesellschaft mbH	Petrol	4,497	2.16185 kg/L (BEIS 2022)	9
LKQ STAHLGRUBER GROUP	Stahlgruber Gesellschaft mbH	Diesel	1,238,372	2.55784 kg/L (BEIS 2022)	3,167

Heating Emissions

Region	Entity	Fuel Type	Fuel Amount (kWh)	Emission Factor	Total CO2e (MT)
LKQ STAHLGRUBER GROUP	Stahlgruber Gesellschaft mbH	Heating Gas	1,765,892	0.247kgCO2e/kWh (GEMIS 2021)	436
LKQ STAHLGRUBER GROUP	Stahlgruber Gesellschaft mbH	District Heating	960,431	0.17073 kg/kWh (BEIS 2022)	163
LKQ STAHLGRUBER GROUP	Stahlgruber Gesellschaft mbH	Heating Oil	562,500	0.373 kg/kWh (GEMIS 2021)	209

Belgium

Electricity Emissions

Region	Entity	Renewable Electricity (kWh)	Non-Renewable Electricity (kWh)	Emission Factor	Total CO2e (MT)
LKQ Benelux & France	LKQ Benelux & France Entities *	0	6,177,766	0.12264 kg/kWh (AIB 2022)	757

Fuel Emissions

Region	Entity	Fuel Type	Fuel Amount (liters)	Emission Factor (MT CO2e/liter) with Source	Total CO2e (MT)
LKQ Benelux & France	LKQ Benelux & France Entities *	Petrol	37,351	2.16185 kg/L (BEIS 2022)	80
LKQ Benelux & France	LKQ Benelux & France Entities *	Diesel	1,259,566	2.55784 kg/L (BEIS 2022)	3,221

Heating Emissions

Region	Entity	Fuel Type	Fuel Amount (kWh)	Emission Factor	Total CO2e (MT)
LKQ Benelux & France	LKQ Benelux & France Entities *	Heating Gas	5,956,623	0.247kgCO2e/kWh (GEMIS 2021)	1,471

* The LKQ Benelux & France Entities in Belgium comprise a range of legal entities, as detailed below. Reporting for the year 2022 has been consolidated and presented on a regional level, without delineating the contributions of each specific entity. Our future aim is to elevate the precision of our reporting by providing data on an individual entity basis.

Legal entities within the LKQ Benelux & France in Belgium include:

- LKQ Belgium B.V.
- Van Heck Interpieces B.V.
- AP Logistics Belgie NV
- Van Heck Interpieces France S.A.S.

Bosnia & Herzegovina

Electricity Emissions

Region	Entity	Renewable Electricity (kWh)	Non-Renewable Electricity (kWh)	Emission Factor	Total CO2e (MT)
LKQ CEE	SiM Impex d.o.o.	0	590,696	0.55852 kg/kWh (AIB 2022)	329

Fuel Emissions

Region	Entity	Fuel Type	Fuel Amount (liters)	Emission Factor	Total CO2e (MT)
LKQ CEE	SiM Impex d.o.o.	Petrol	47,093	2.16185 kg/L (BEIS 2022)	101
LKQ CEE	SiM Impex d.o.o.	Diesel	160,466	2.55784 kg/L (BEIS 2022)	410

Czech Republic

Electricity Emissions

Region	Entity	Renewable Electricity (kWh)	Non-Renewable Electricity (kWh)	Emission Factor	Total CO2e (MT)
LKQ CEE	LKQ CZ s.r.o.	0	24,629,795	0.442 kg/kWh (EEA 2021)	10,886

Fuel Emissions

Region	Entity	Fuel Type	Fuel Amount (liters)	Emission Factor (g CO2e/liter) with Source	Total CO2e (MT)
LKQ CEE	LKQ CZ s.r.o.	Petrol	436,281	2.16185 kg/L (BEIS 2022)	943
LKQ CEE	LKQ CZ s.r.o.	Diesel	1,771,361	2.55784 kg/L (BEIS 2022)	4,530

Heating Emissions

Region	Entity	Fuel Type	Fuel Amount (kWh)	Emission Factor	Total CO2e (MT)
LKQ CEE	LKQ CZ s.r.o.	Heating Gas	55,356,183	0.247kgCO2e/kWh (GEMIS 2021)	13,672

France

Electricity Emissions

Region	Entity	Renewable Electricity (kWh)	Non-Renewable Electricity (kWh)	Emission Factor	Total CO2e (MT)
Other European Entities	ECP FRANCE	0	262,053	0.04098 kg/kWh (AIB 2022)	10

Heating Emissions

Region	Entity	Fuel Type	Fuel Amount (kWh)	Emission Factor	Total CO2e (MT)
Other European Entities	ECP FRANCE	Heating Gas	486,396	0.247kgCO2e/kWh (GEMIS 2021)	120

Germany

Electricity Emissions

Region	Entity	Renewable Electricity (kWh)	Non-Renewable Electricity (kWh)	Emission Factor	Total CO2e (MT)
LKQ STAHLGRUBER GROUP	Neimcke GmbH & Co. KG	0	1,204,105	0.56 kg/kWh (GEMIS 2021)	674
LKQ STAHLGRUBER GROUP	PV Automotive GmbH	0	9,246,985	0.56 kg/kWh (GEMIS 2021)	5,178
LKQ STAHLGRUBER GROUP	STAHLGRUBER GmbH	0	20,973,799	0.56 kg/kWh (GEMIS 2021)	11,745
Other European Entities	OPTIMAL Automotive	0	679,259	0.56 kg/kWh (GEMIS 2021)	380

Fuel Emissions

Region	Entity	Fuel Type	Fuel Amount (liters)	Emission Factor	Total CO2e (MT)
LKQ STAHLGRUBER GROUP	Neimcke GmbH & Co. KG	Diesel	438,100	2.55784 kg/L (BEIS 2022)	1,120
LKQ STAHLGRUBER GROUP	Neimcke GmbH & Co. KG	Petrol	485	2.16185 kg/L (BEIS 2022)	1
LKQ STAHLGRUBER GROUP	PV Automotive GmbH	Petrol	12,085	2.16185 kg/L (BEIS 2022)	26
LKQ STAHLGRUBER GROUP	PV Automotive GmbH	Diesel	992,116	2.55784 kg/L (BEIS 2022)	2,537
LKQ STAHLGRUBER GROUP	STAHLGRUBER GmbH	Petrol	10,824	2.16185 kg/L (BEIS 2022)	23
LKQ STAHLGRUBER GROUP	STAHLGRUBER GmbH	Diesel	1,120,652	2.55784 kg/L (BEIS 2022)	2,866

Other European Entities	OPTIMAL Automotive	Diesel	16,761	2.55784 kg/L (BEIS 2022)	42
Other European Entities	OPTIMAL Automotive	Petrol	18,752	2.16185 kg/L (BEIS 2022)	40

Heating Emissions

Region	Entity	Fuel Type	Fuel Amount (kWh)	Emission Factor	Total CO2e (MT)
LKQ STAHLGRUBER GROUP	Neimcke GmbH & Co. KG	Heating Gas	2,183,547	0.201517 kg/kWh (UBA 2021)	440
LKQ STAHLGRUBER GROUP	PV Automotive GmbH	Heating Gas	26,293,434	0.201517 kg/kWh (UBA 2021)	5,298
LKQ STAHLGRUBER GROUP	PV Automotive GmbH	District Heating	2,100,856	0.201517 kg/kWh (UBA 2021)	423
LKQ STAHLGRUBER GROUP	PV Automotive GmbH	Heating Oil	6,367,001	0.266998 kg/kWh (UBA 2021)	1,700
LKQ STAHLGRUBER GROUP	STAHLGRUBER GmbH	Heating Gas	30,570,404	0.201517 kg/kWh (UBA 2021)	6,160
LKQ STAHLGRUBER GROUP	STAHLGRUBER GmbH	District Heating	1,074,564	0.201517 kg/kWh (UBA 2021)	216
LKQ STAHLGRUBER GROUP	STAHLGRUBER GmbH	Heating Oil	2,392,914	0.266998 kg/kWh (UBA 2021)	638
Other European Entities	OPTIMAL Automotive	Heating Gas	874,374	0.201517 kg/kWh (UBA 2021)	176

Hungary

Electricity Emissions

Region	Entity	Renewable (kWh)	Non-Renewable (kWh)	Emission Factor	Total CO2e (MT)
LKQ CEE	LÁNG Kft.	0	1,191,900	0.195 kg/kWh (EEA 2021)	232

Fuel Emissions

Region	Entity	Fuel Type	Fuel Amount (liters)	Emission Factor	Total CO2e (MT)
LKQ CEE	LÁNG Kft.	Petrol	134,510	2.16185 kg/L (BEIS 2022)	290
LKQ CEE	LÁNG Kft.	Diesel	658,274	2.55784 kg/L (BEIS 2022)	1,683

Heating Emissions

Region	Entity	Fuel Type	Fuel Amount (kWh)	Emission Factor	Total CO2e (MT)
LKQ CEE	LÁNG Kft.	Heating Gas	1,476,671	0.247kgCO2e/kWh (GEMIS 2021)	364

Italy

Electricity Emissions

Region	Entity	Renewable Electricity (kWh)	Non-Renewable Electricity (kWh)	Emission Factor	Total CO2e (MT)
LKQ Rhiag	Milano Distribuzione 2 S.r.l	0	18,062	0.406 kg/kWh (ADEME 2021)	7
LKQ Rhiag	Other LKQ Rhiag Entities ***	0	2,712,383	0.406 kg/kWh (ADEME 2021)	1,101
LKQ Rhiag	Stahlgruber - B.M. S.r.l.	0	299,330	0.406 kg/kWh (ADEME 2021)	121
Other European Entities	ERA S.r.l.	0	65,199	0.406 kg/kWh (ADEME 2021)	26

Fuel Emissions

Region	Entity	Fuel Type	Fuel Amount (liters)	Emission Factor	Total CO2e (MT)
LKQ Rhiag	LKQ ITALIA S.r.l.	Diesel	3,954	2.55784 kg/L (BEIS 2022)	10
LKQ Rhiag	Milano Distribuzione 2 S.r.l	Diesel	11,608	2.55784 kg/L (BEIS 2022)	29
LKQ Rhiag	Other LKQ Rhiag Entities ***	Diesel	170,530	2.55784 kg/L (BEIS 2022)	436
LKQ Rhiag	Stahlgruber - B.M. S.r.l.	Diesel	193,008	2.55784 kg/L (BEIS 2022)	493
Other European Entities	ERA S.r.l.	Diesel	12,599	2.55784 kg/L (BEIS 2022)	32

Heating Emissions

Region	Entity	Fuel Type	Fuel Amount (kWh)	Emission Factor	Total CO2e (MT)
LKQ Rhiag	Milano Distribuzione 2 S.r.l	Heating Gas	37,520	0.247kgCO2e/kWh (GEMIS 2021)	9
LKQ Rhiag	Other LKQ Rhiag Entities ***	Heating Gas	3,375,952	0.247kgCO2e/kWh (GEMIS 2021)	833
LKQ Rhiag	Stahlgruber - B.M. S.r.l.	Heating Gas	508,082	0.247kgCO2e/kWh (GEMIS 2021)	125
Other European Entities	ERA S.r.l.	Heating Gas	481,994	0.247kgCO2e/kWh (GEMIS 2021)	119

*** The Other LKQ Rhiag Entities in Italy comprise a range of legal entities, as detailed below. Reporting for the year 2022 has been consolidated and presented on a regional level, without delineating the contributions of each specific entity. Our future aim is to elevate the precision of our reporting by providing data on an individual entity basis.

Legal entities within the Other LKQ Rhiag Entities in Italy include:

- Rhiag Inter Auto Parts Italia S.r.l.
- Motorparts S.r.l.
- LKQ ITALIA S.r.l. *[fuel data only]*

Netherlands

Electricity Emissions

Region	Entity	Renewable (kWh)	Non-Renewable (kWh)	Emission Factor	Total CO2e (MT)
LKQ Benelux & France	FOURCE Netherlands	102,331	7,860,095	0.418 kg/kWh (EEA 2021)	3,285
Other European Entities	M.P.M. International Oil Company B.V.	0	373,523	0.418 kg/kWh (EEA 2021)	156
Other European Entities	Nipparts B.V.	0	11,622	0.418 kg/kWh (EEA 2021)	5

Fuel Emissions

Region	Entity	Fuel Type	Fuel Amount (liters)	Emission Factor	Total CO2e (MT)
LKQ Benelux & France	LKQ Benelux & France Entities **	Petrol	528,278	2.704kg/L (GEMIS 2021)	1,428
LKQ Benelux & France	LKQ Benelux & France Entities **	Diesel	1,946,084	3.015 kg/L (GEMIS 2021)	5,867

Heating Emissions

Region	Entity	Fuel Type	Fuel Amount (kWh)	Emission Factor	Total CO2e (MT)
LKQ Benelux & France	LKQ Benelux & France Entities **	Heating	13,020,502	0.247kg/kWh (GEMIS 2021)	3,216
Other European Entities	M.P.M. International Oil Company B.V.	Heating Gas	196,887	0.247kg/kWh (GEMIS 2021)	48



** The LKQ Benelux & France Entities in the Netherlands comprise a range of legal entities, as detailed below. Reporting for the year 2022 has been consolidated and presented on a regional level, without delineating the contributions of each specific entity. Our future aim is to elevate the precision of our reporting by providing data on an individual entity basis.

Legal entities within the LKQ Benelux & France in the Netherlands include:

- Automotive Academy B.V.
- Car Systems B.V.
- Fource B.V.
- HAMU Automaterialen B.V. *[fuel data only]*
- Vanesch Verf Nederland B.V.
- Fource Automotive B.V.
- Rijsbergen Automotive B.V.
- Ipar Industrial Partners B.V. *[fuel data only]*
- Vakgarage Franchise B.V. *[fuel data only]*

Norway

Electricity Emissions

Region	Entity	Renewable Electricity (kWh)	Non-Renewable Electricity (kWh)	Emission Factor	Total CO2e (MT)
LKQ Atracco	Atracco Group AB	138,482	0	0	0

Fuel Emissions

Region	Entity	Fuel Type	Fuel Amount (Liters)	Emission Factor (gCO2e/L)	Total CO2e (MT)
LKQ Atracco	Atracco Group AB	Diesel	265	3.015 kg/L (GEMIS 2021)	1

Heating Emissions

Region	Entity	Fuel Type	Fuel Amount (kWh)	Emission Factor	Total CO2e (MT)
LKQ Atracco	Atracco Group AB	District Heating	6,000	0.17073 kg/kWh (BEIS 2022)	1

Poland

Electricity Emissions

Region	Entity	Renewable Electricity	Non-Renewable Electricity	Emission Factor with Source	Total CO2e (MT)
LKQ CEE	ELIT Polska Sp. z o.o.	0	2,537,058	0.75 kg/kWh (EEA 2021)	1,902

Fuel Emissions

Region	Entity	Fuel Type	Fuel Amount	Emission Factor	Total CO2e (MT)
LKQ CEE	ELIT Polska Sp. z o.o.	Petrol	123,410	2.16185 kg/L (BEIS 2022)	270
LKQ CEE	ELIT Polska Sp. z o.o.	Diesel	769,686	2.55784 kg/L (BEIS 2022)	1,968

Heating Emissions

Region	Entity	Fuel Type	Fuel Amount (kWh)	Emission Factor	Total CO2e (MT)
LKQ CEE	ELIT Polska Sp. z o.o.	Heating Gas	1,304,568	0.247 kg/kWh (GEMIS 2021)	322
LKQ CEE	ELIT Polska Sp. z o.o.	Heating Oil	27,222	0.373 kg/kWh (GEMIS 2021)	10

Romania

Electricity Emissions

Region	Entity	Renewable Electricity (kWh)	Non-Renewable Electricity (kWh)	Emission Factor	Total CO2e (MT)
LKQ CEE	ELIT Romania Piese Auto Originale S.R.L.	0	1,481,990	0.413 kg/kWh (ADEME 2021)	612

Fuel Emissions

Region	Entity	Fuel Type	Fuel Amount (Liters)	Emission Factor (gCO2e/L)	Total CO2e (MT)
LKQ CEE	ELIT Romania Piese Auto Originale S.R.L.	Petrol	292,682	2.704kg/L (GEMIS 2021)	791
LKQ CEE	ELIT Romania Piese Auto Originale S.R.L.	Diesel	762,082	2.55784 kg/L (BEIS 2022)	1,949

Heating Emissions

Region	Entity	Fuel Type	Fuel Amount (kWh)	Emission Factor	Total CO2e (MT)
LKQ CEE	ELIT Romania Piese Auto Originale S.R.L.	Heating Gas	4,248,550	0.247 kg/kWh (GEMIS 2021)	1,049
LKQ CEE	ELIT Romania Piese Auto Originale S.R.L.	District Heating	81,434	0.17073 kg/kWh (GEMIS 2021)	13

Slovakia

Electricity Emissions

Region	Entity	Renewable Electricity	Non-Renewable Electricity (kWh)	Emission Factor	Total CO2e (MT)
LKQ CEE	LKQ SK s.r.o.	0	1,009,298	0.197 kg/kWh (ADEME 2021)	198

Fuel Emissions

Region	Entity	Fuel Type	Fuel Amount (Liters)	Emission Factor (gCO2e/L)	Total CO2e (MT)
LKQ CEE	LKQ SK s.r.o.	Petrol	81,689	2.704kg/L (GEMIS 2021)	220
LKQ CEE	LKQ SK s.r.o.	Diesel	586,647	2.55784 kg/L (BEIS 2022)	1,500

Heating Emissions

Region	Entity	Fuel Type	Fuel Amount (kWh)	Emission Factor	Total CO2e (MT)
LKQ CEE	LKQ SK s.r.o.	Heating Gas	2,206,967	0.247 kg/kWh (GEMIS 2021)	545
LKQ CEE	LKQ SK s.r.o.	District Heating	481,902	0.17073 kg/kWh (GEMIS 2021)	82

Slovenia

Electricity Emissions

Region	Entity	Renewable Electricity	Non-Renewable Electricity (kWh)	Emission Factor	Total CO2e (MT)
LKQ CEE	Stahlgruber trgovina d.o.o. (SI)	0	114,706	0.222 kg/kWh (EEA 2021)	25

Fuel Emissions

Region	Entity	Fuel Type	Fuel Amount (Liters)	Emission Factor	Total CO2e (MT)
LKQ CEE	Stahlgruber trgovina d.o.o. (SI)	Petrol	2,604	2.704kg/L (GEMIS 2021)	7
LKQ CEE	Stahlgruber trgovina d.o.o. (SI)	Diesel	156,671	2.55784 kg/L (BEIS 2022)	400

Heating Emissions

Region	Entity	Fuel Type	Fuel Amount (kWh)	Emission Factor	Total CO2e (MT)
LKQ CEE	Stahlgruber trgovina d.o.o. (SI)	Heating Gas	67,130	0.247 kg/kWh (GEMIS 2021)	16
LKQ CEE	Stahlgruber trgovina d.o.o. (SI)	District Heating	56,970	0.17073 kg/kWh (GEMIS 2021)	9

Spain

Fuel Emissions

Region	Entity	Fuel Type	Fuel Amount (Liters)	Emission Factor	Total CO2e (MT)
Other European Entities	VEGE AUTOMOTIVE SPAIN, S.L.U.	Diesel	6,704	2.55784 kg/L (BEIS 2022)	17

Sweden

Electricity Emissions

Region	Entity	Renewable (kWh)	Non-Renewable (kWh)	Emission Factor	Total CO2e (MT)
LKQ Atracco	Atracco Group AB	4,395,036	0	0	0

Fuel Emissions

Region	Entity	Fuel Type	Fuel Amount	Emission Factor	Total CO2e (MT)
LKQ Atracco	Atracco Group AB	Petrol	9,219	2.704kg/L (GEMIS 2021)	24
LKQ Atracco	Atracco Group AB	Diesel	86,576	3.015 kg/L (GEMIS 2021)	261

Heating Emissions

Region	Entity	Fuel Type	Fuel Amount (kWh)	Emission Factor with Source	Total CO2e (MT)
LKQ Atracco	Atracco Group AB	District Heating	1,996,822	0.17073 kg/kWh (GEMIS 2021)	340
LKQ Atracco	Atracco Group AB	Heating Oil	163,612	0.373 kg/kWh (GEMIS 2021)	61

Switzerland

Electricity Emissions

Region	Entity	Renewable (kWh)	Non-Renewable (kWh)	Emission Factor	Total CO2e (MT)
LKQE	LKQ Europe GmbH	15	7,096	0.0273 kg/kWh (ADEME 2021)	0.1
LKQ Rhiag	Rhiag Group GmbH	14,070	359,789	0.0273 kg/kWh (ADEME 2021)	10

Fuel Emissions

Region	Brand	Fuel Type	Fuel Amount (L)	Emission Factor	Total CO2e (MT)
LKQ Rhiag	Rhiag Group GmbH	Petrol	5,160	2.704kg/L (GEMIS 2021)	14
LKQ Rhiag	Rhiag Group GmbH	Diesel	39,940	2.55784 kg/L (BEIS 2022)	102

Heating Emissions

Region	Brand	Fuel Type	Fuel Amount (kWh)	Emission Factor	Total CO2e (MT)
LKQ Rhiag	Rhiag Group GmbH	Heating Gas	887,795	0.247 kg/kWh (GEMIS 2021)	219
LKQ Rhiag	Rhiag Group GmbH	District Heating	79,361	0.17073 kg/kWh (GEMIS 2021)	13

Tunisia

Electricity Emissions

Region	Entity	Renewable Electricity	Non-Renewable Electricity (kWh)	Emission Factor	Total CO2e (MT)
Other European Entities	VEGE Moteurs S.U.A.R.L.	0	1,212,067	0.463kg/kWh (ADEME 2021)	561

Heating Emissions

Region	Entity	Fuel Type	Fuel Amount (kWh)	Emission Factor	Total CO2e (MT)
Other European Entities	VEGE Moteurs S.U.A.R.L.	Heating Gas	902,488	0.247 kg/kWh (GEMIS 2021)	222

Turkey

Electricity Emissions

Region	Entity	Non-Renewable Electricity (kWh)	Emission Factor	Total CO2e (MT)
Other European Entities	Optimal Istanbul Yedek Parca Otomotiv Sanayi Ve Ticaret Ltd.	12,961	0.46kg/kWh (ADEME 2021)	6

Fuel Emissions

Region	Entity	Fuel Type	Fuel Amount (Liters)	Emission Factor	Total CO2e (MT)
Other European Entities	Optimal Istanbul Yedek Parca Otomotiv Sanayi Ve Ticaret Ltd.	Petrol	2,154	2.704kg/L (GEMIS 2021)	6

Ukraine

Electricity Emissions

Region	Entity	Renewable	Non-Renewable	Emission Factor	Total CO2e (MT)
LKQ CEE	ELIT-UKRAINE LLC	0	1,585,845	0.392 kg/kWh (ADEME 2021)	621

Fuel Emissions

Region	Entity	Fuel Type	Fuel Amount	Emission Factor	Total CO2e (MT)
LKQ CEE	ELIT-UKRAINE LLC	Petrol	452,719	2.704kg/L (GEMIS 2021)	1,224
LKQ CEE	ELIT-UKRAINE LLC	Diesel	42,702	2.55784 kg/L (BEIS 2022)	109

Heating Emissions

Region	Entity	Fuel Type	Fuel Amount in kWh	Emission Factor	Total CO2e (MT)
LKQ CEE	ELIT-UKRAINE LLC	Heating Gas	808,938	0.247 kg/kWh (GEMIS 2021)	200

United Kingdom

Electricity Emissions

Region	Entity	Renewable (kWh)	Non-Renewable (kWh)	Emission Factor	Total CO2e (MT)
LKQ ECP	Euro Car Parts Limited & Arleigh Group Limited	16,586,642	807,452	0.19338 kg/kWh (BEIS 2022)	156
Other European Entities	Euro Car Parts Limited	0	41,761	0.19338 kg/kWh (BEIS 2022)	8

Fuel Emissions

Region	Entity	Fuel Type	Fuel Amount	Emission Factor	Total CO2e (MT)
LKQ ECP	Euro Car Parts Limited & Arleigh Group Limited	Petrol	951,301	2.16185 kg/L (BEIS 2022)	2,056
LKQ ECP	Euro Car Parts Limited & Arleigh Group Limited	Diesel	8,882,568	2.55784 kg/L (BEIS 2022)	22,720
Other European Entities	Euro Car Parts Limited	Diesel	60	2.55784 kg/L (BEIS 2022)	0.1

Heating Emissions

Region	Entity	Fuel Type	Fuel Amount	Emission Factor	Total CO2e (MT)
LKQ ECP	Euro Car Parts Limited & Arleigh Group Limited	Natural Gas	13,457,525	0.18254 kg/kWh (BEIS 2022)	2,456
Other European Entities	Euro Car Parts Limited	Natural Gas	61,112	0.18254 kg/kWh (BEIS 2022)	11

Ireland

Electricity Emissions

Region	Entity	Renewable Electricity (kWh)	Non-Renewable Electricity (kWh)	Emission Factor	Total CO2e (MT)
LKQ ECP	Euro Car Parts Ireland Limited	0	874,959	0.3771 kg/kWh (AIB 2022)	329

Fuel Emissions

Region	Entity	Fuel Type	Fuel Amount (Liters)	Emission Factor	Total CO2e (MT)
LKQ ECP	Euro Car Parts Ireland Limited	Diesel	781,246	2.6988 kg/L (BEIS 2022)	2,108

Heating Emissions

Region	Entity	Fuel Type	Fuel Amount (kWh)	Emission Factor	Total CO2e (MT)
LKQ ECP	Euro Car Parts Ireland Limited	Heating Gas	274,808	0.18254 kg/kWh (BEIS 2022)	50



Europe: LPG & CNG Consumption

We present a consolidated account of the Liquefied Petroleum Gas (LPG) and Compressed Natural Gas (CNG) consumption throughout our European operations. Given the modest volume of consumption and the limited geographical distribution, we have deemed it appropriate to consolidate this data into a single statement. It is important to note that the utilization of LPG and CNG is confined exclusively to the LKQ CEE region.

LPG and CNG consumption in LKQ CEE region is presented below:

Fuel Type	Fuel Amount	Emission Factor	Total CO ₂ e (MT)
LPG	1,218,596 ltrs	1.55709 kg/L (BEIS 2022)	1,897
CNG	23,571 kg	4.51 kg/scf (EPA 2021)	106

Other Global Entities

We acknowledge that there are additional LKQ entities for which data has not been collected in this report. Due to the materiality considerations, data from VEGE AUTOMOTIVE SPAIN, S.L.U. for the year 2022 has not been included. Similarly, data from entities in Guatemala, Taiwan, and Mexico has not been gathered for this reporting period.

The LKQ Global Competency Centre in **India** does not fall under the aforementioned LKQ Regions, and as such, the 2022 data is provided separately in the table below.

Energy Type	Consumption	Emission Factor	Total CO2e (MT)
Diesel	145,973 L	2.6988 kg/L	393
Electricity	692,780 kWh	0.7205 kg/kWh	500

Breakdown of emissions from **India**, by Scope:

Scope 1 (Diesel)	Scope 2 (Electricity)	Total CO2e (MT)
393 MT CO2e	500 MT CO2e	893