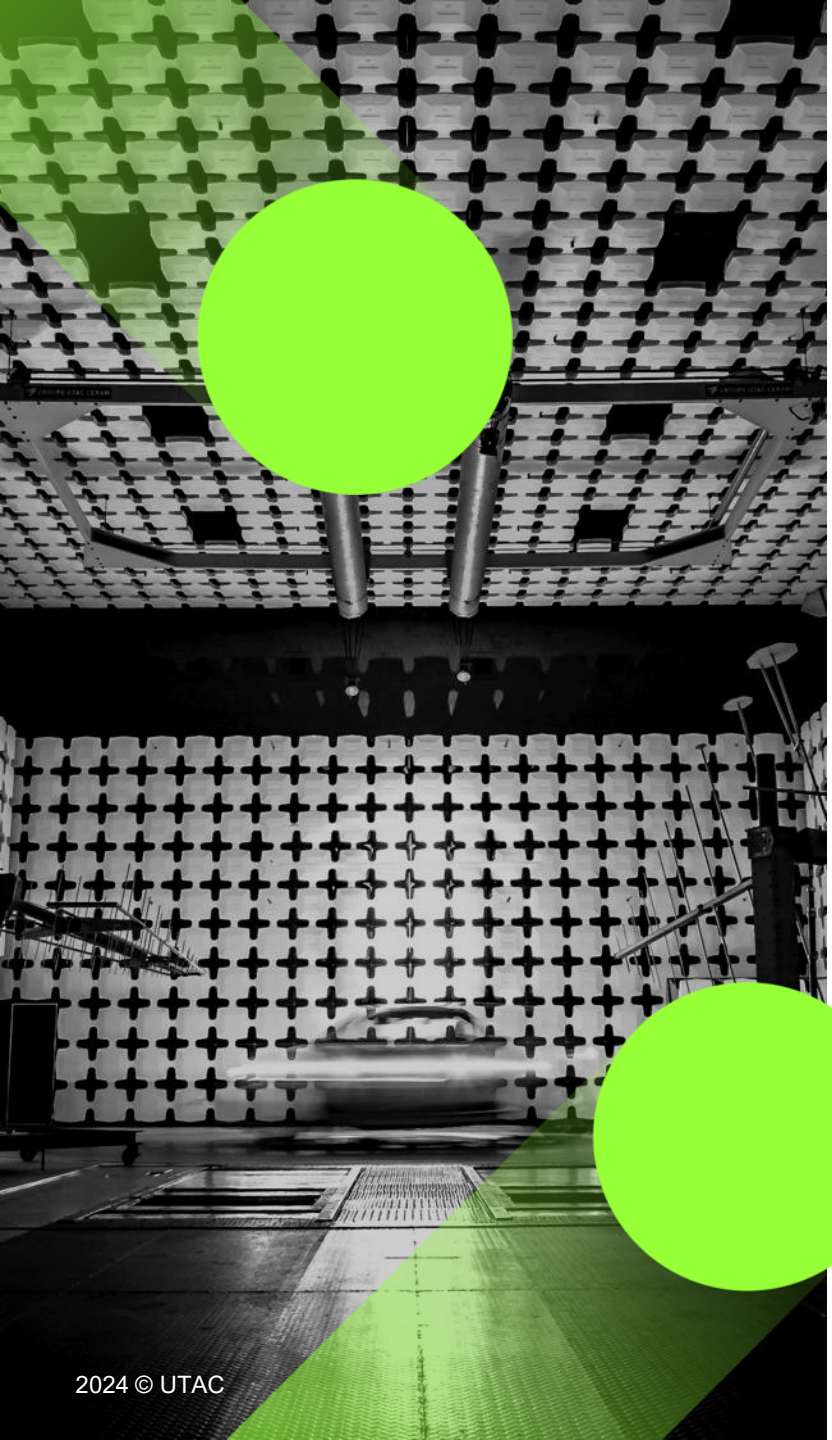
2024 Corporate Carbon Footprint



Contents

UTAC
ADVANCING MOBILITY SINCE 1924

"As a **trusted partner for Advancing Mobility towards a safer & cleaner future**, we are already working towards improvements to our environmental and societal impact, but we know we can do more. Taking stock of our achievements so far, we are proud of the steady progress that we have been making in our climate journey.

As the automotive landscape evolves in response to climate change, our role in testing and validation becomes more critical than ever. Future climate scenarios highlight the need for innovation and resilience - not just in vehicle design, but in how we assess performance, emissions, and sustainability. By proactively adapting our testing strategies today, we can help drive the transition to cleaner mobility solutions.

As we continue our sustainability journey, some of our actions will be target driven and some will be ambitions. This allows us the flexibility to really understand what our business and stakeholders need, and where we can have the most impact over the coming years as the automotive industry, and world, changes around us.

This is a pivotal moment - not one of alarm, but of opportunity - **to lead with expertise, innovation, and integrity.**"

Connor McCormack
Group CEO

Introduction

Introduction – Part 1

At UTAC, being a **responsible environmental steward** and **acting with integrity** to support **our vision of a safer and cleaner** world is fundamental to who we are. As part of our Environmental, Social, and Governance (ESG) strategy, we have placed a **strong emphasis on decarbonisation**.

We recognise that **climate change is a critical global issue** - one that matters deeply to our shareholders, investors, regulators, customers, colleagues, and the communities we serve. As such, it is a **material priority for UTAC**.

In collaboration with external environmental consultants, we have calculated our full Corporate Carbon Footprint (Scopes 1, 2, and 3) for the **baseline year of 2022**. Based on this, we have **established near-term, science-based absolute reduction targets** for our Group carbon emissions. These targets have been **validated by the Science Based Targets initiative (SBTi)**.

Introduction – Part 2

We are **proud to present the UTAC Group 2024 Corporate Carbon Footprint Report**. This assessment includes all UTAC entities across **China, Finland, France, Germany, Italy, Japan, Morocco, Romania, UK, and USA**.

For this year's assessment, we partnered with Greenly, a **carbon accounting platform** that has significantly **improved the quality of our emissions data**. We are **transitioning from a primarily spend-based approach to a hybrid model** that incorporates **activity-based data** - an important step in **aligning our operations with our decarbonisation pathway**.

We are committed to transparency and accountability in our climate-related disclosures therefore, UTAC:

- Reports climate-related data, including our corporate carbon footprint, to **shareholders**.
- Tracks climate-related ESG KPIs for our **lenders**.
- Responds to **regulatory requirements** and **customer initiatives** such as CDP, EcoVadis, and bespoke sustainability questionnaires.
- Shares relevant information with **colleagues** across the organisation.
- Engages with the **wider community** through our website and social media channels.

Solving the Climate Equation

Measuring emissions is the first step to solving the climate equation...

Measure
UTAC commits to measure its corporate carbon footprint annually.

Reduce
UTAC has in place a carbon reduction plan to guide all our colleagues to make progress towards our targets.

Report
UTAC regularly reports and communicates to internal and external stakeholders on our transition.

Emission Scopes

Scope 1

Direct emissions | GHG emissions generated directly by the organisation and its activities.

Examples: combustion of fossil fuels, refrigerant leaks

Scope 2

Indirect emissions related to energy consumption | Emissions related to the organisation's consumption of electricity, heat or steam.

Examples: electricity consumption

Scope 3

Other indirect emissions | Emissions related to the organisation's upstream and downstream operations and activities.

Examples: transportation, purchased goods and services, sold products

Source: Greenly

Emission computation

There are several approaches to collecting data on your carbon footprint:

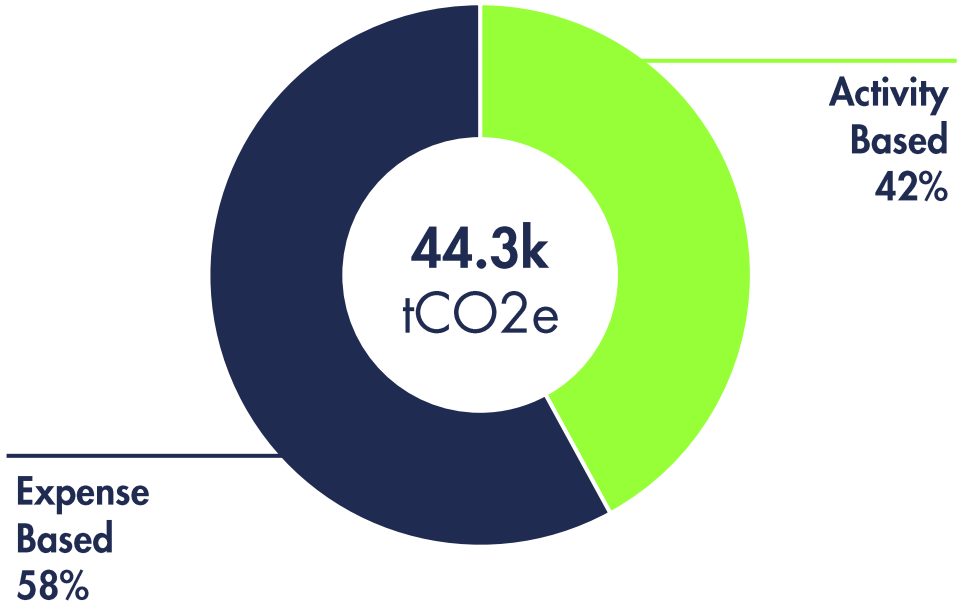
1. Activity-based: Data is collected based on the **quantity** of goods and services purchased.
2. Spend-based: Data is collected based on the **economic value** of goods and services purchased.
3. Hybrid: This approach combines the activity-based and spend-based methodologies when there is missing data.

To calculate emissions, multiply the quantity or economic value by the relevant emission factor. Below are some examples, moving from least to most accurate.

Data Accuracy

Expense Based	Total Expense 80€	×	1.75kgCO_2e/€	=	140kgCO_2e
	Total Distance 600miles	×	0.2kgCO_2e/ mile	=	120kgCO_2e
Activity Based	Total Fuel 40 gallons	×	2.8kgCO_2e/ gallon	=	112kgCO_2e

Split of UTAC Group's activity and expense-based data for 2024:



Emission Factor Sources

CDP, AGRIBALYSE, IEA International Energy Agency, European Commission, greenly, Fraunhofer, exiobase, eurostat, ADEME Agency for Ecological Transition, Department for Environment, Food & Rural Affairs, Department for Business, Energy & Industrial Strategy

The Scope

UTAC
ADVANCING MOBILITY SINCE 1924

Entity
UTAC Group (China, Finland, France, Germany, Italy, Japan, Morocco, Romania, UK, USA)

Period
From January 2024 to December 2024

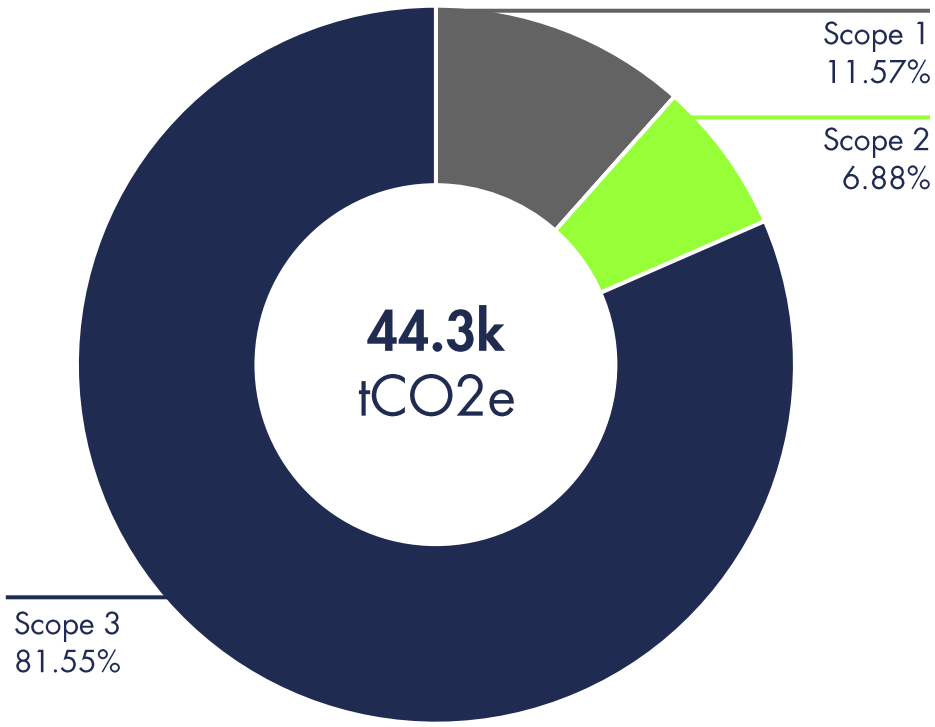
Primary Data
Accounting data
Buildings data
Activity data from the following modules: Travels, Azure Cloud, Fuels for stationary combustion, Freight, IT Inventory, Machines Inventory, Products, Raw Materials & Packaging Inventory, Refrigerant Gases, SaaS & Softwares, Vehicle Fleet, Waste

Methodology
Official and approved GHG Protocol Methodology; GWP 100
Market based

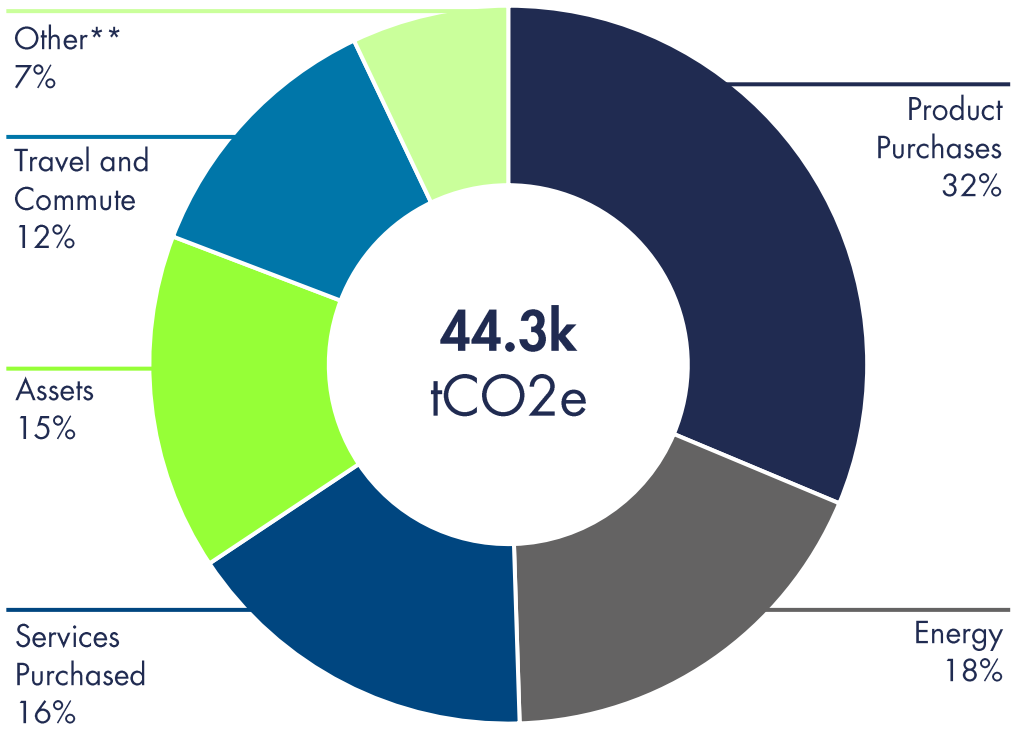
Our Group Emissions

UTAC Group: Part 1

2024 total emissions of UTAC Group per scope (%tCO2e):



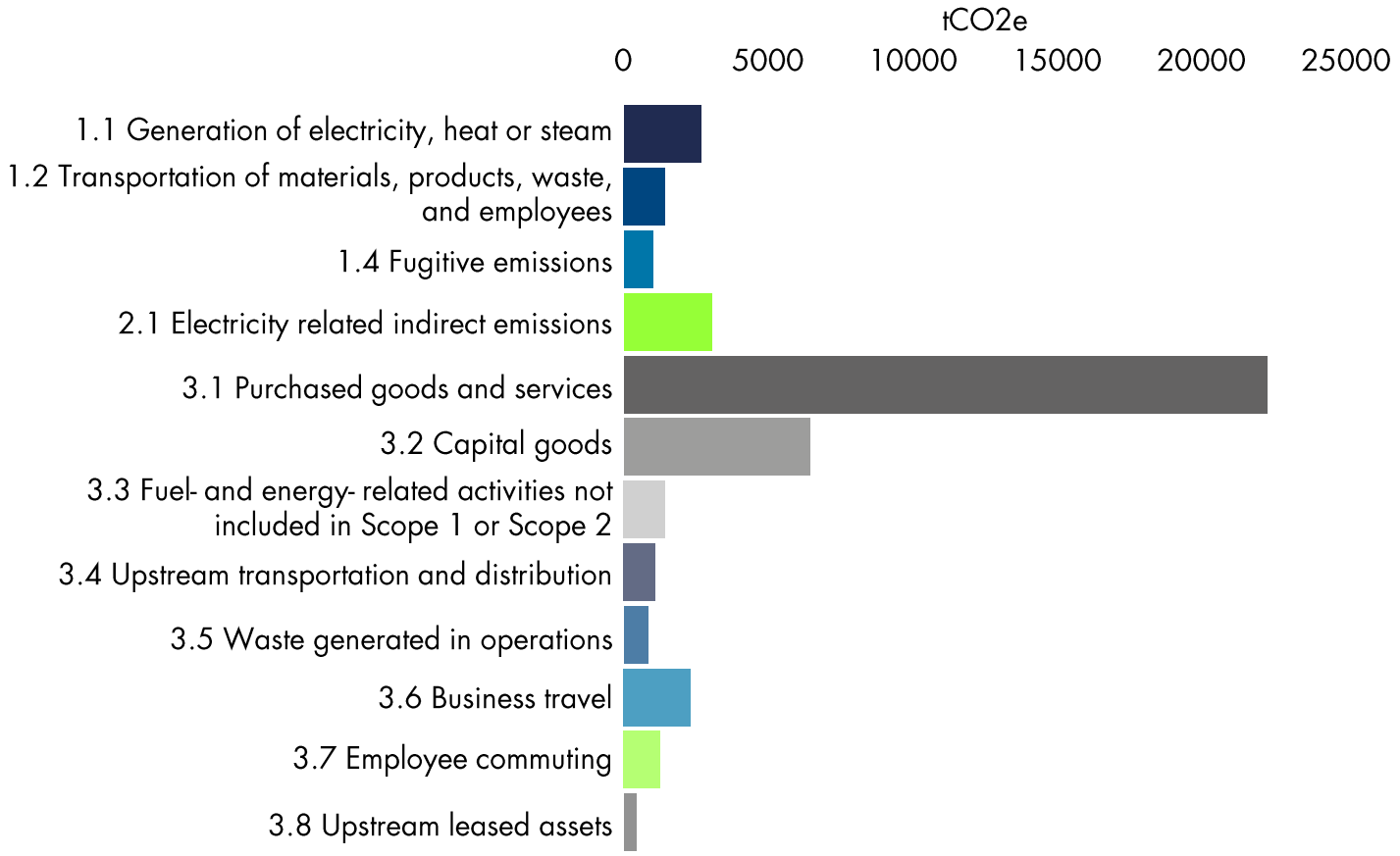
2024 total emissions of UTAC Group by category (tCO2e):



* Emission Factor Sources: ADEME MEF Base Empreinte, Base Carbone Ademe, Base Empreinte ADEME, Company Report, Cornell Hotel Sustainability Benchmarking Index 2024, Ecoinvent, eGRID, EPA GHG Emission, Factor Hub, EXIOBASE, Greenly Experts, Greenly IT, Greenly MEF, Heat Network French Government, IEA, IEA Building Module, Other, Public Authority, UK GHG Conversion Factor
** Waste, Digital, Activities and Events, Food and Drink
*** Data shown is on a market-based approach
**** Location-based data: Total emissions = 49k tCO_2e, Scope 1 = 5.1k tCO2e (10%), Scope 2 = 6.7k tCO2e (14%), Scope 3 = 37k tCO_2e (76%). For the breakdown by country please contact esg@utac.com

UTAC Group: Part 2

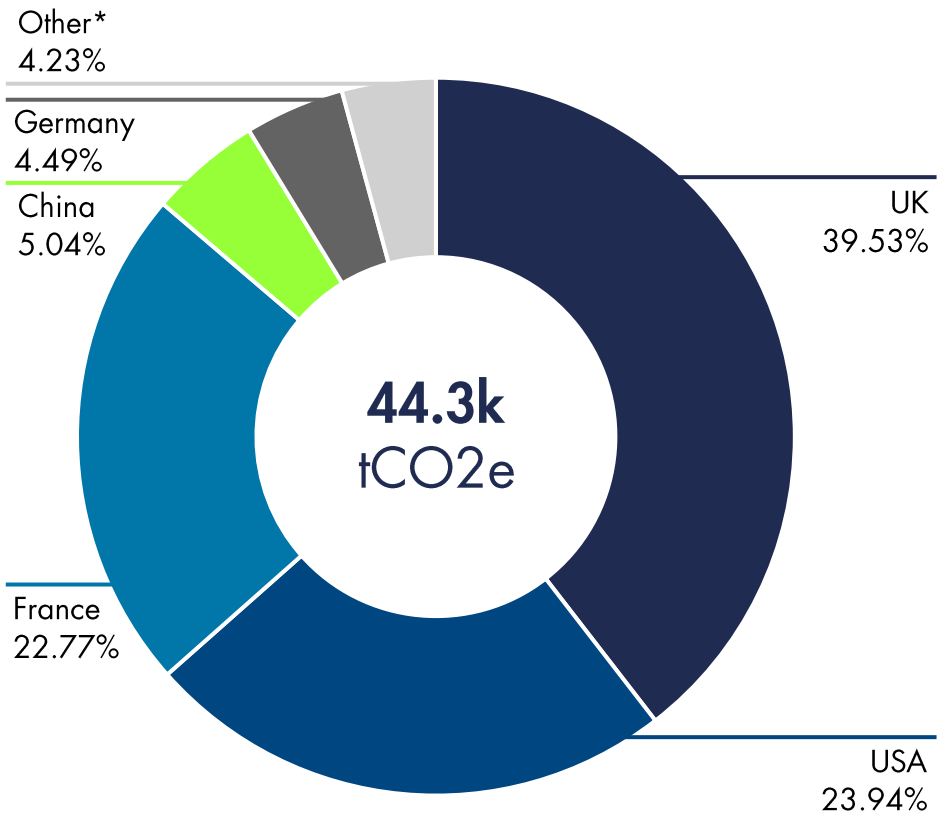
2024 total emissions of UTAC Group per regulatory category (tCO2e):



Regulatory Category	tCO2e	%
1.1 Generation of electricity, heat or steam	2,673.78	6.04
1.2 Transportation of materials, products, waste, and employees	1,435.23	3.24
1.4 Fugitive emissions	1,012.28	2.29
2.1 Electricity related indirect emissions	3,044.59	6.88
3.1 Purchased goods and services	22,273.71	50.33
3.2 Capital goods	6,439.01	14.55
3.3 Fuel- and energy- related activities not included in Scope 1 or Scope 2	1,432.34	3.24
3.4 Upstream transportation and distribution	1,097.78	2.48
3.5 Waste generated in operations	840.82	1.90
3.6 Business travel	2,318.17	5.24
3.7 Employee commuting	1,269.63	2.87
3.8 Upstream leased assets	421.54	0.95

UTAC Group: Part 3

2024 total emissions of UTAC Group per entity (%tCO2e):



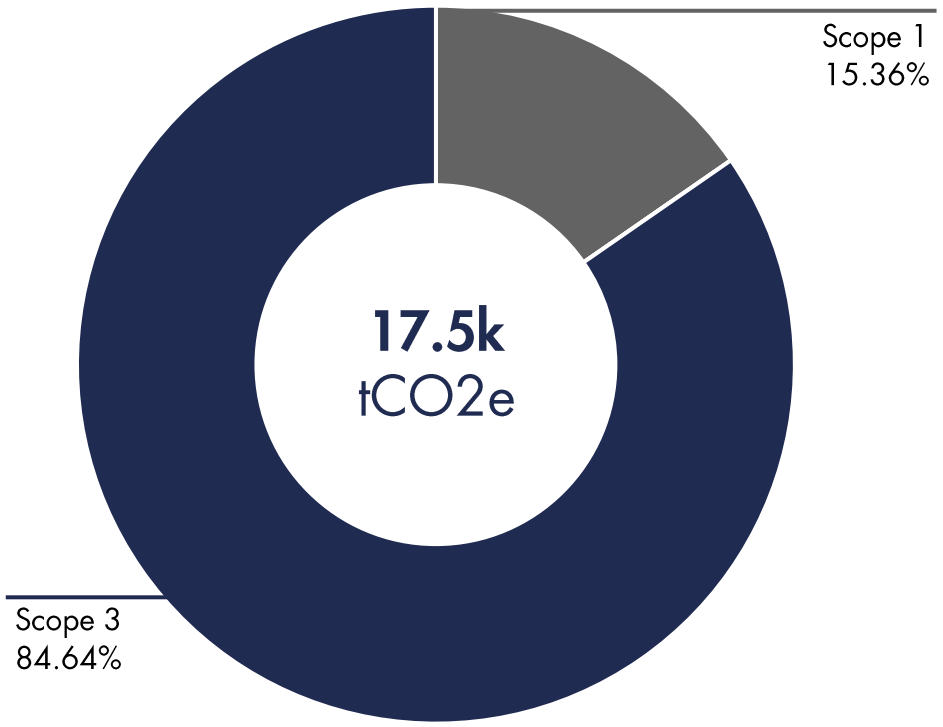
Country	tCO2e	%
UK	17,494.39	39.53
USA	10,594.77	23.94
France	10,079.65	22.77
China	2,229.02	5.04
Germany	1,988.37	4.49
Finland	1,620.46	3.66
Morocco	166.12	0.38
Italy	54.29	0.12
Japan	28.52	0.06
Romania	3.29	0.01

* Finland, Morocco, Italy, Japan and Romania

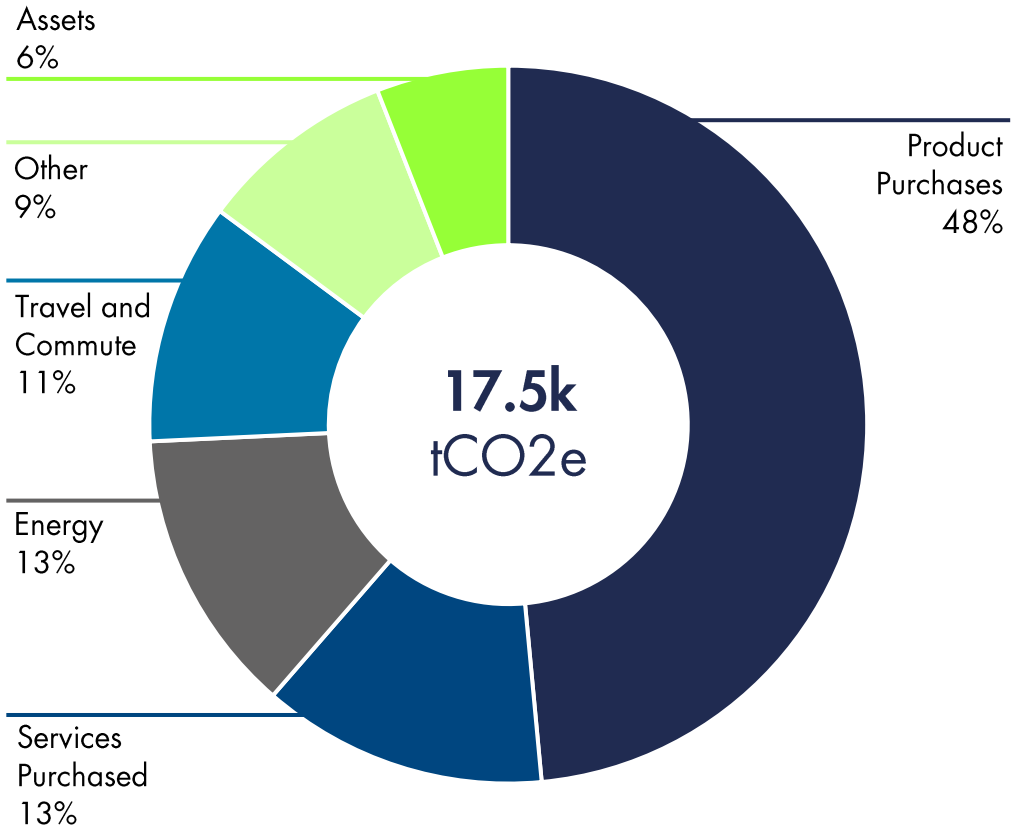
Our Entities' Emissions

UTAC in the UK: Part 1

2024 total emissions of UTAC in the UK per scope (%tCO2e):



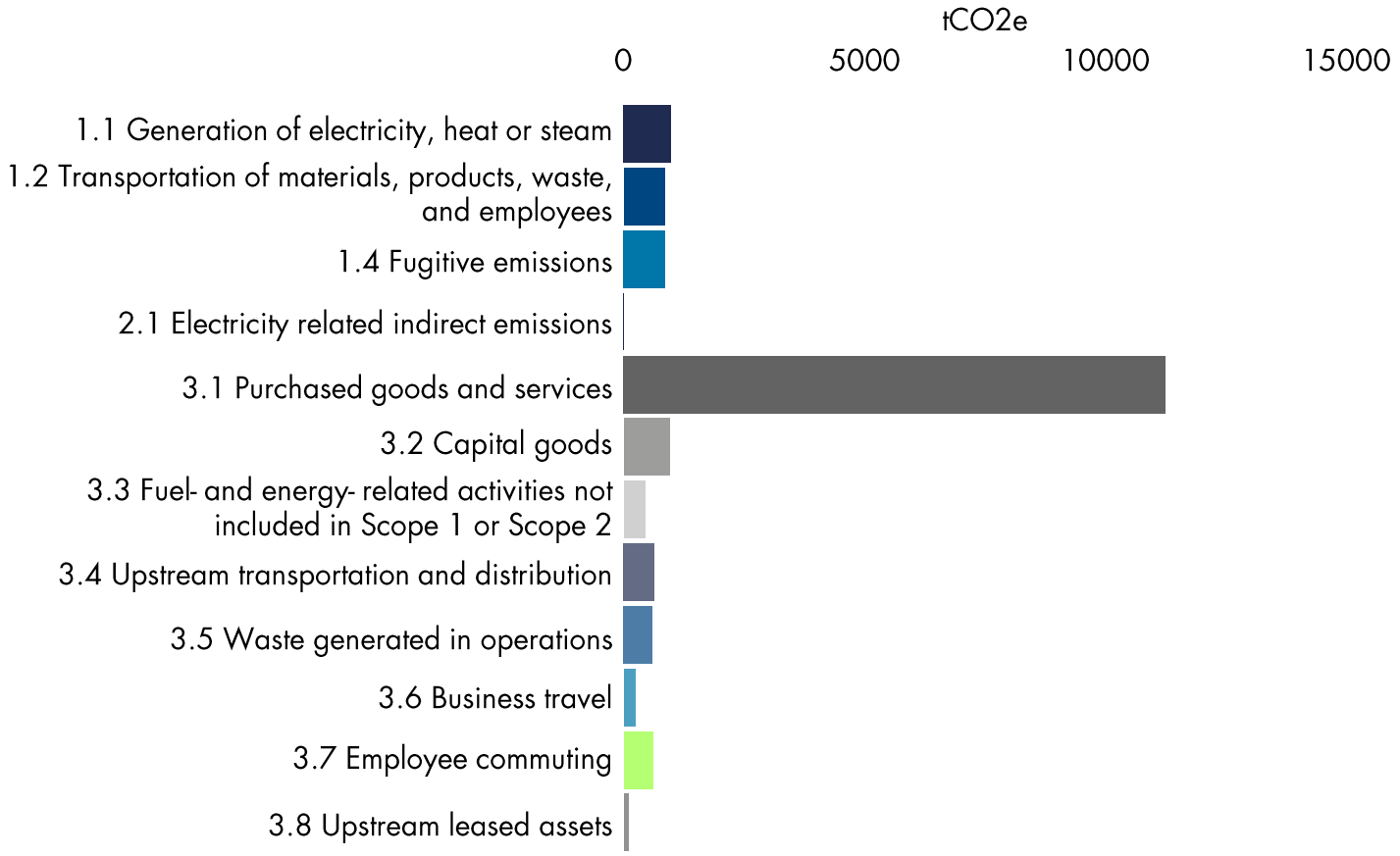
2024 total emissions of UTAC in the UK by category (tCO2e):



* Emission Factor Sources: Base Carbone ADEME, Base Empreinte ADEME, Company Report, Cornell Hotel Sustainability Benchmarking Index 2024, ecoinvent, EXIOBASE, Greenly Experts, Greenly IT, Greenly MEF, IEA, IEA Building Module, Public Authority, UK GHG Conversion Factor
** Data shown is on a market-based approach

UTAC in the UK: Part 2

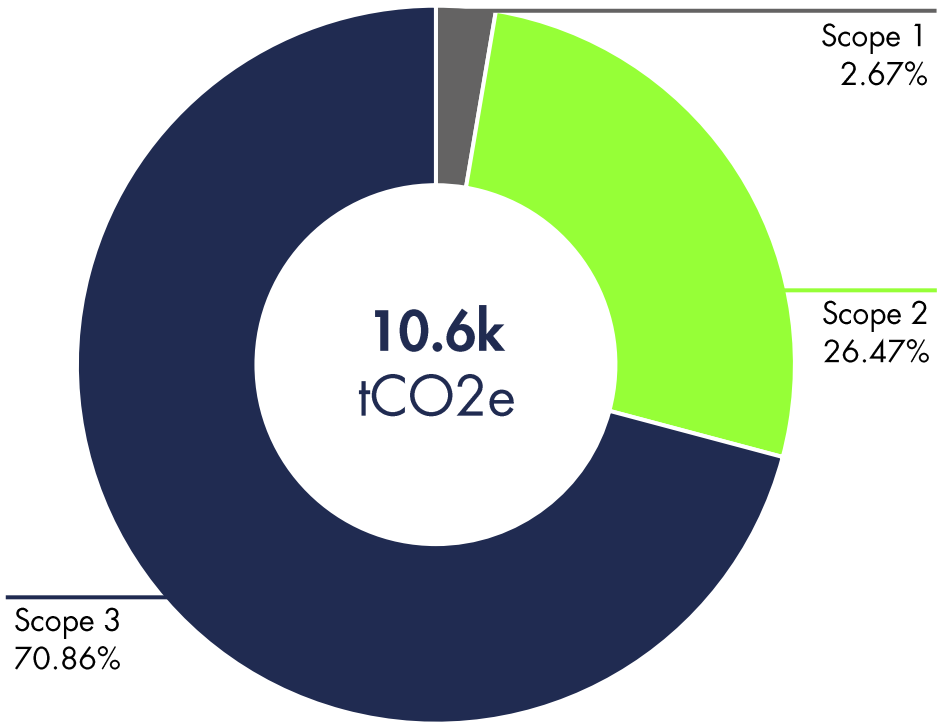
2024 total emissions of UTAC in the UK per regulatory category (tCO2e):



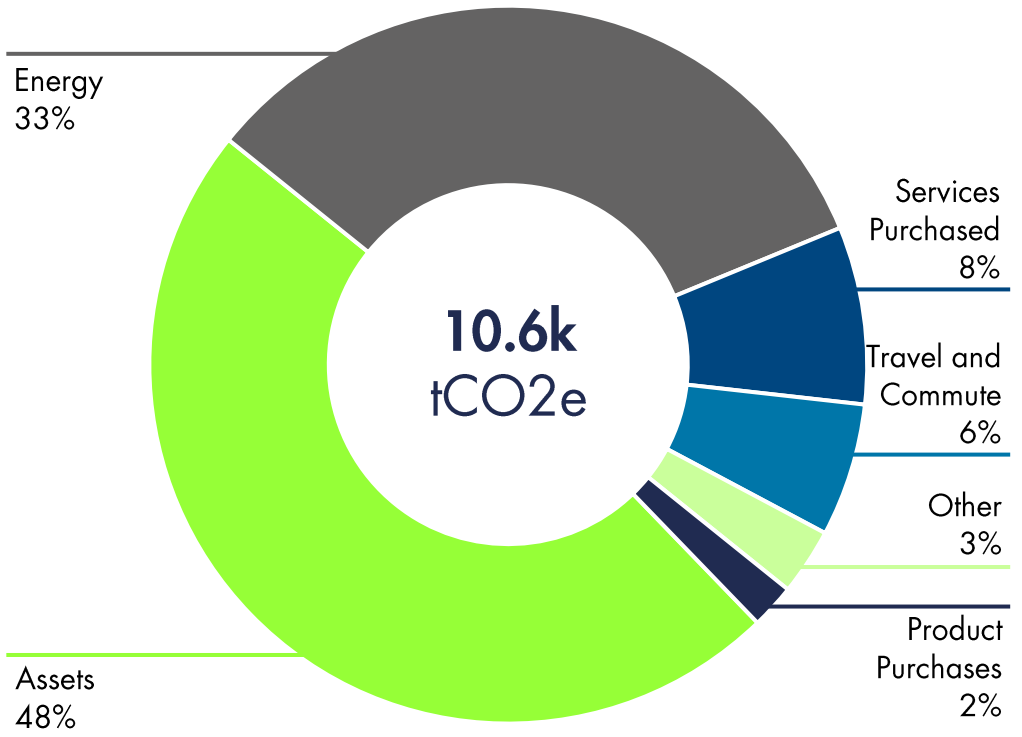
Regulatory Category	tCO2e	%
1.1 Generation of electricity, heat or steam	980.45	5.60
1.2 Transportation of materials, products, waste, and employees	843.94	4.82
1.4 Fugitive emissions	862.20	4.93
2.1 Electricity related indirect emissions	0.03	0.00
3.1 Purchased goods and services	11,250.70	64.31
3.2 Capital goods	953.07	5.45
3.3 Fuel- and energy- related activities not included in Scope 1 or Scope 2	436.46	2.49
3.4 Upstream transportation and distribution	633.68	3.62
3.5 Waste generated in operations	591.10	3.38
3.6 Business travel	236.91	1.35
3.7 Employee commuting	604.35	3.45
3.8 Upstream leased assets	101.51	0.58

UTAC in the USA: Part 1

2024 total emissions of UTAC in the USA per scope (%tCO2e):



2024 total emissions of UTAC in the USA by category (tCO2e):



* Emission Factor Sources: Base Carbone ADEME, Base Empreinte ADEME, Company Report, Cornell Hotel Sustainability Benchmarking Index 2024, eGRID, EPA GHG Emission Factor Hub, EXIOBASE, Greenly Experts, Greenly IT, Greenly MEF, IEA, UK GHG Conversion Factor
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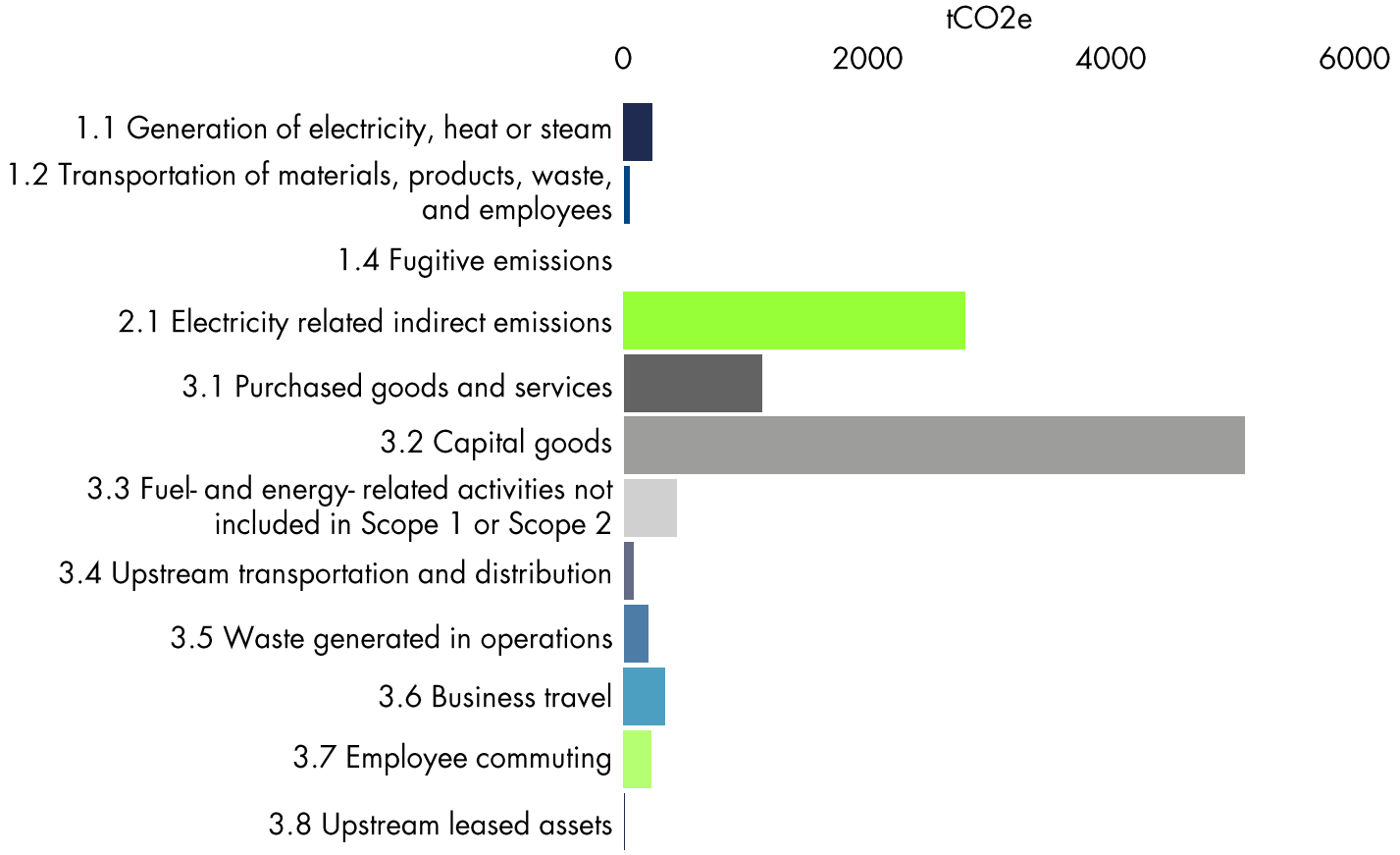
UTAC in the USA: Part 2

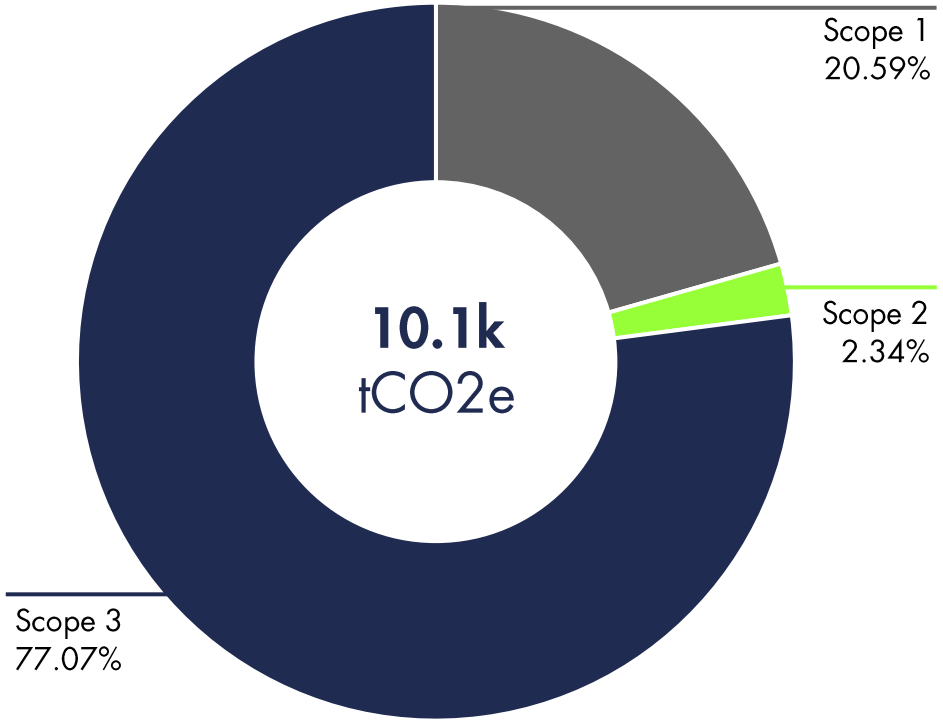
2024 total emissions of UTAC in the USA per regulatory category (tCO2e):



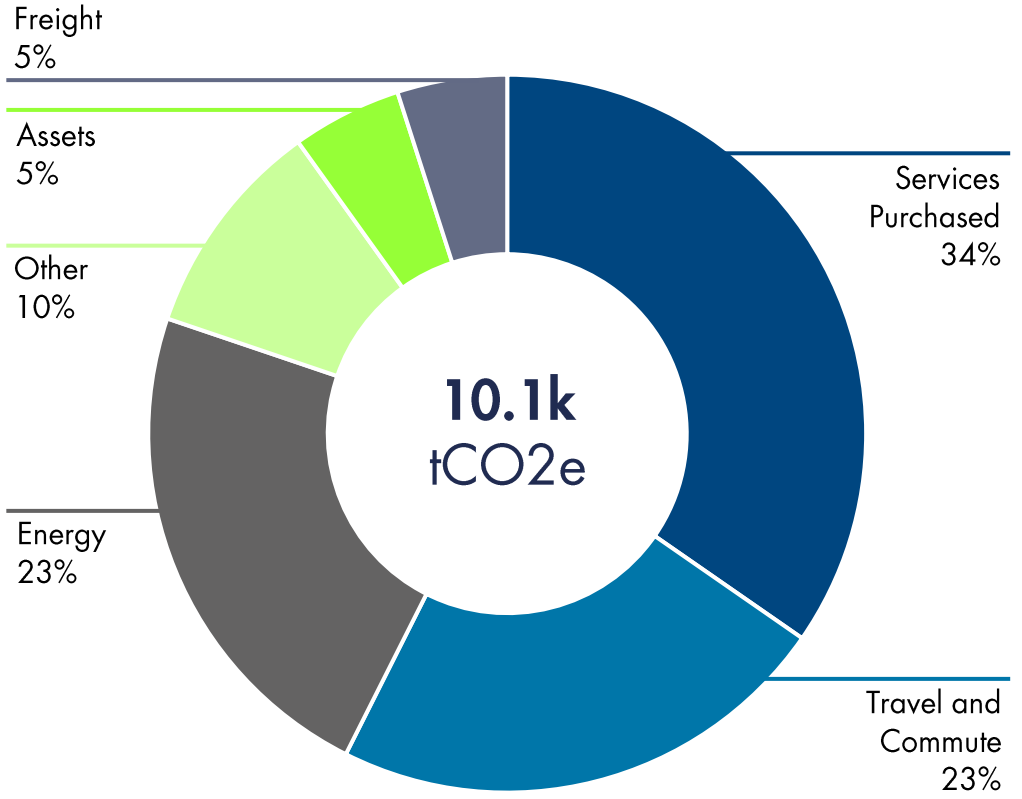
Regulatory Category	tCO2e	%
1.1 Generation of electricity, heat or steam	235.72	2.22
1.2 Transportation of materials, products, waste, and employees	47.62	0.45
1.4 Fugitive emissions	0.00	0.00
2.1 Electricity related indirect emissions	2,804.15	26.47
3.1 Purchased goods and services	1,132.63	10.69
3.2 Capital goods	5,093.39	48.07
3.3 Fuel- and energy- related activities not included in Scope 1 or Scope 2	431.46	4.07
3.4 Upstream transportation and distribution	77.44	0.73
3.5 Waste generated in operations	197.98	1.87
3.6 Business travel	338.58	3.20
3.7 Employee commuting	226.93	2.14
3.8 Upstream leased assets	8.86	0.08

UTAC in France: Part 1

2024 total emissions of UTAC in France per scope (%tCO2e):



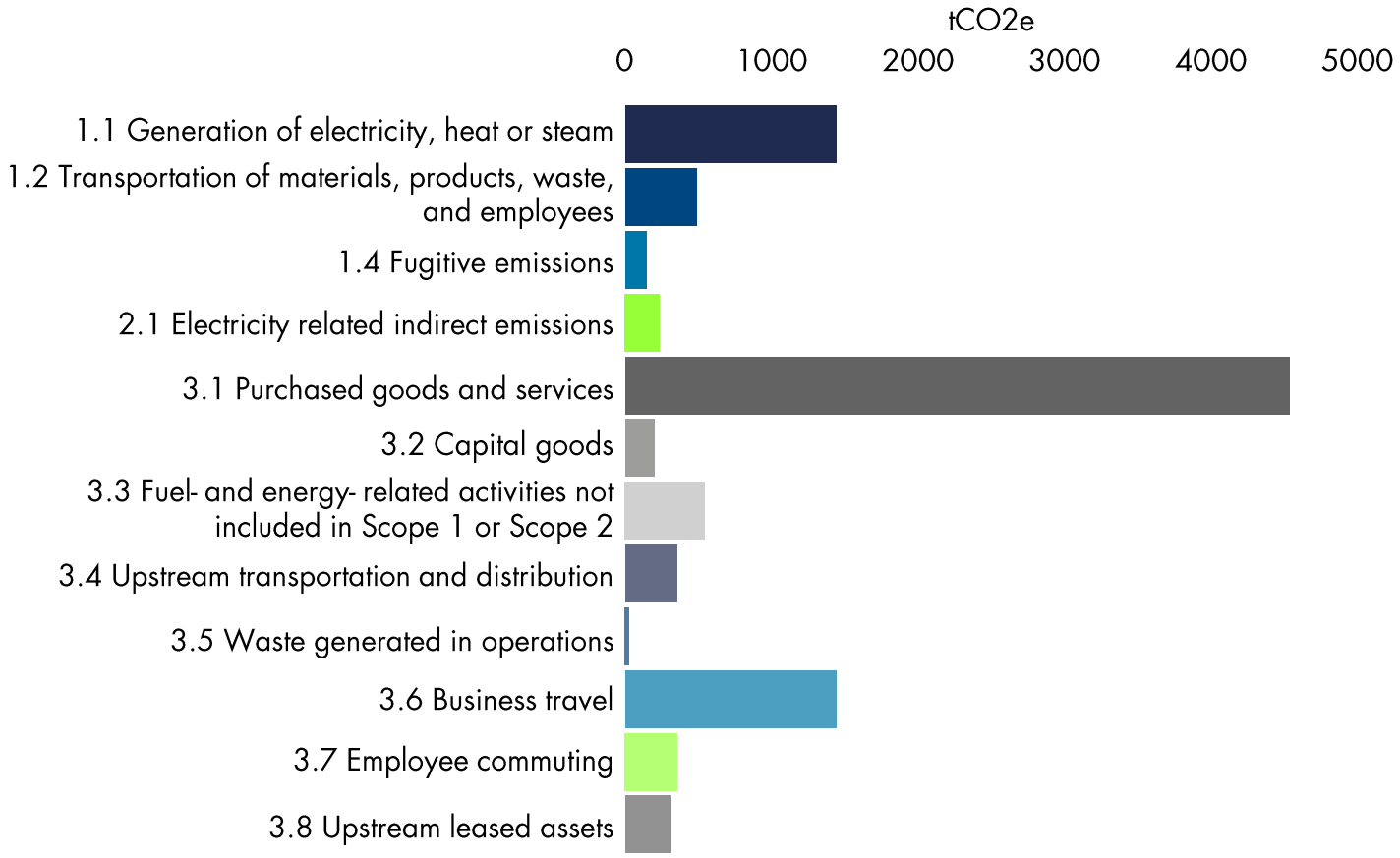
2024 total emissions of UTAC in France by category (tCO2e):



* Emission Factor Sources: ADEME MEF Base Empreinte, Base Carbone ADEME, Base Empreinte ADEME, Company Report, Cornell Hotel Sustainability Benchmarking Index 2024, eGRID, Greenly Experts, Greenly IT, Greenly MEF, Heat Network French Government, IEA, Other, Public Authority, UK GHG Conversion Factor
** Data shown is on a market-based approach

UTAC in France: Part 2

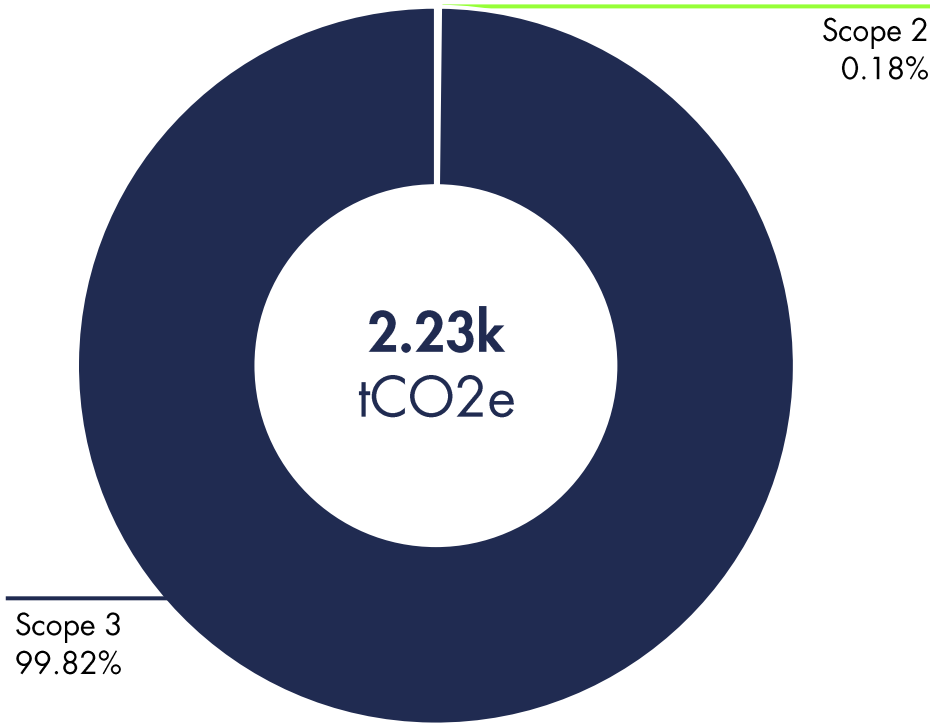
2024 total emissions of UTAC in France per regulatory category (tCO2e):



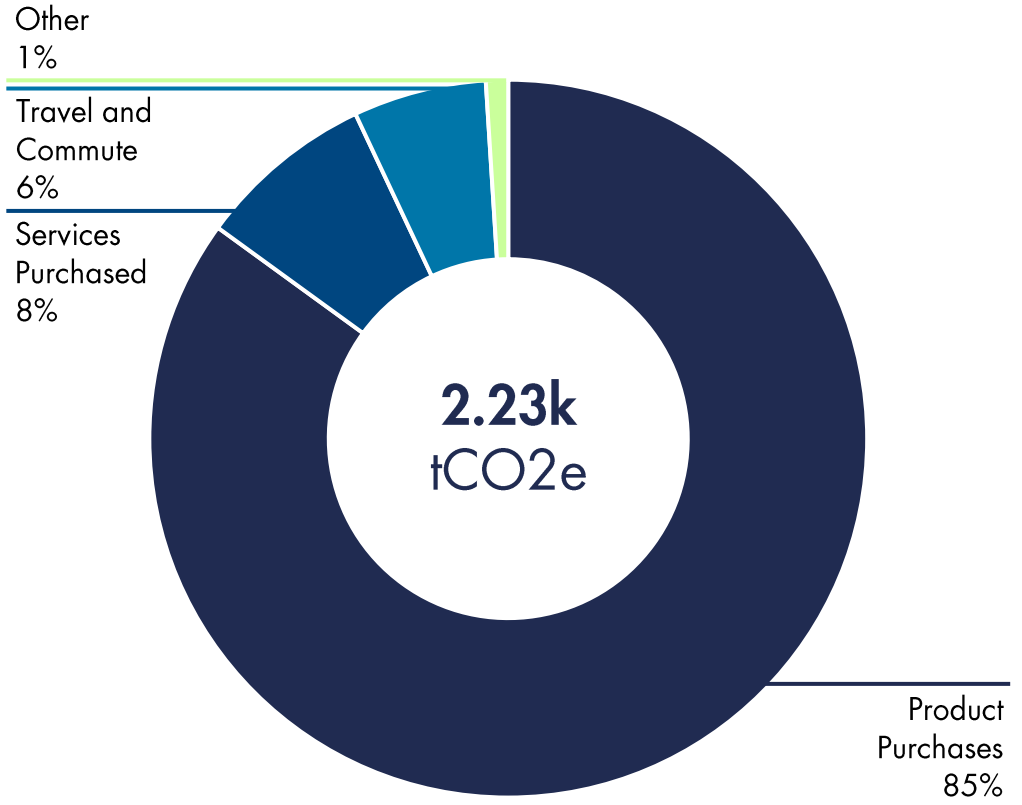
Regulatory Category	tCO2e	%
1.1 Generation of electricity, heat or steam	1,440.17	14.29
1.2 Transportation of materials, products, waste, and employees	488.28	4.84
1.4 Fugitive emissions	147.29	1.46
2.1 Electricity related indirect emissions	236.00	2.34
3.1 Purchased goods and services	4,535.31	44.99
3.2 Capital goods	201.10	2.00
3.3 Fuel- and energy- related activities not included in Scope 1 or Scope 2	545.76	5.41
3.4 Upstream transportation and distribution	352.91	3.50
3.5 Waste generated in operations	29.16	0.29
3.6 Business travel	1,441.21	14.30
3.7 Employee commuting	356.73	3.54
3.8 Upstream leased assets	305.74	3.03

UTAC in China: Part 1

2024 total emissions of UTAC in China per scope (%tCO2e):



2024 total emissions of UTAC in China by category (tCO2e):



* Emission Factor Sources: Base Empreinte ADEME, Company Report, EXIOBASE, Greenly Experts, Greenly MEF, IEA, UK GHG Conversion Factor
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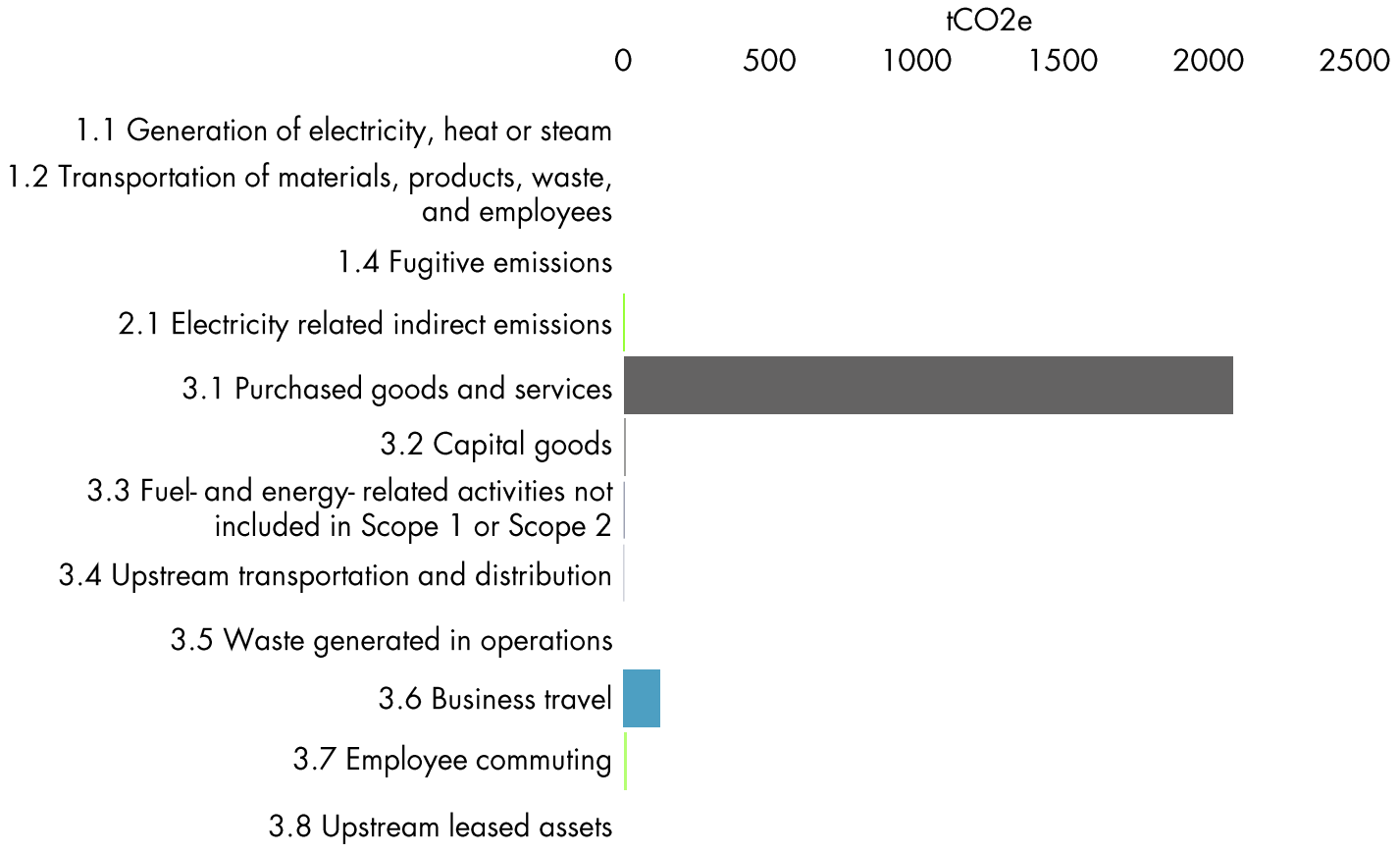
UTAC in China: Part 2

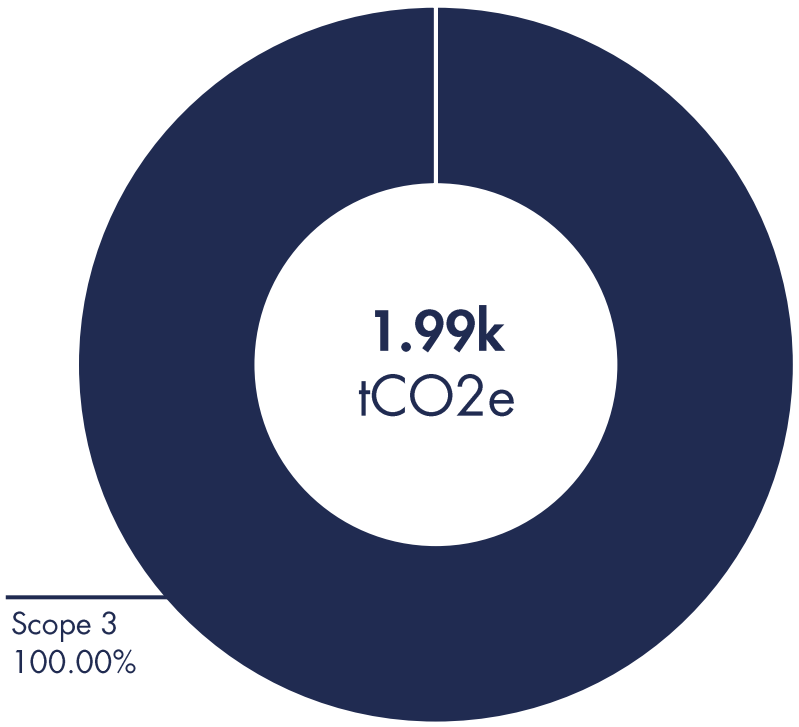
2024 total emissions of UTAC in China per regulatory category (tCO2e):



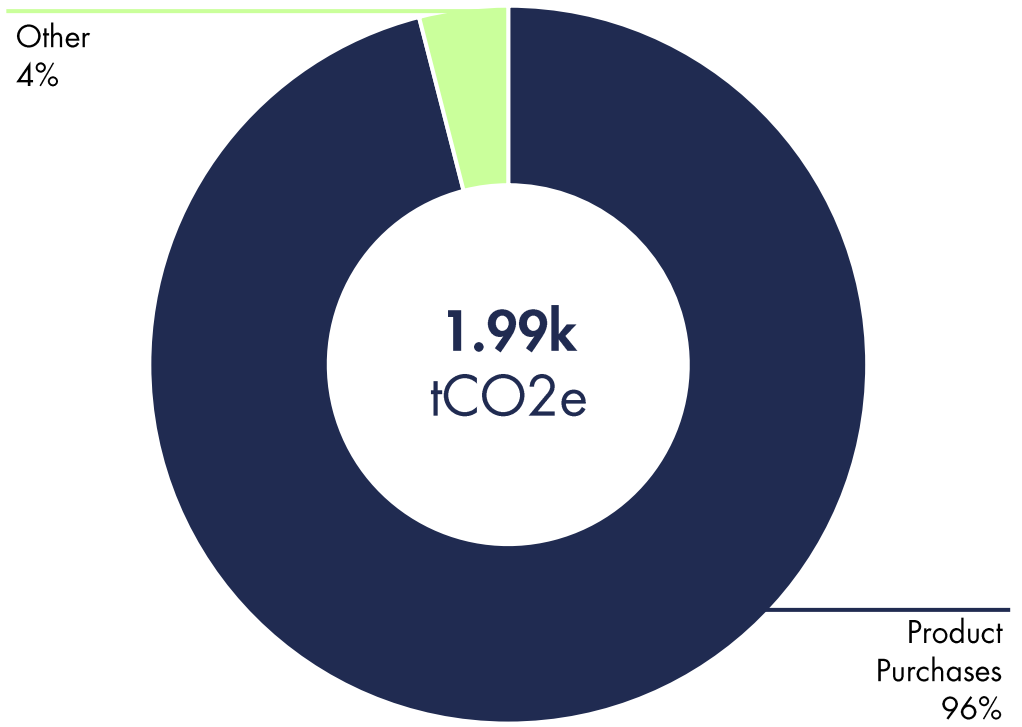
Regulatory Category	tCO2e	%
1.1 Generation of electricity, heat or steam	0.00	0.00
1.2 Transportation of materials, products, waste, and employees	0.00	0.00
1.4 Fugitive emissions	0.00	0.00
2.1 Electricity related indirect emissions	4.11	0.18
3.1 Purchased goods and services	2,083.40	93.47
3.2 Capital goods	4.97	0.22
3.3 Fuel- and energy- related activities not included in Scope 1 or Scope 2	2.18	0.10
3.4 Upstream transportation and distribution	0.66	0.03
3.5 Waste generated in operations	0.00	0.00
3.6 Business travel	124.67	5.59
3.7 Employee commuting	9.02	0.40
3.8 Upstream leased assets	0.00	0.00

UTAC in Germany: Part 1

2024 total emissions of UTAC in Germany per scope (%tCO2e):



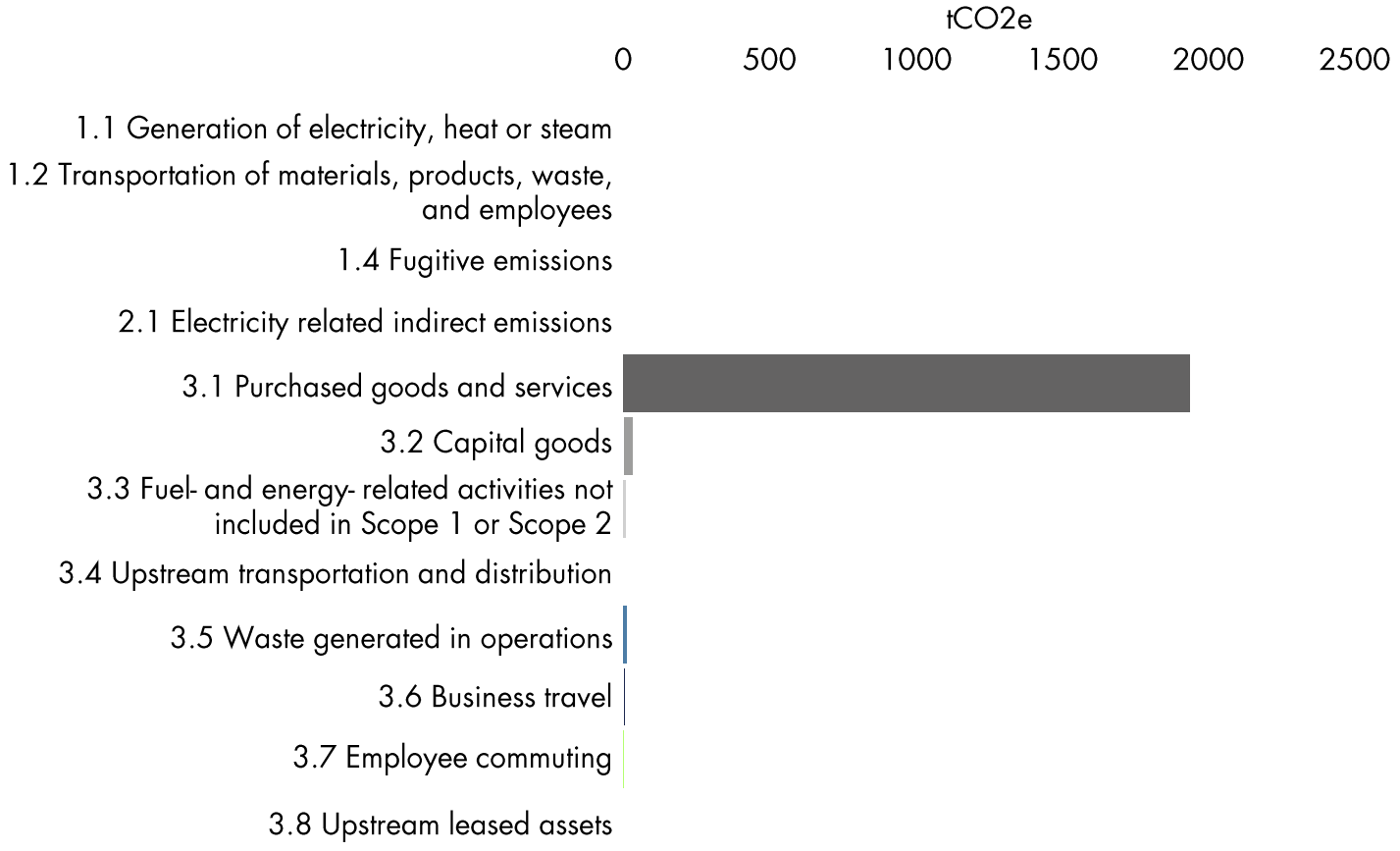
2024 total emissions of UTAC in Germany by category (tCO2e):



* Emission Factor Sources: Base Empreinte ADEME, Company Report, EXIOBASE, Greenly Experts, Greenly MEF, IEA, UK GHG Conversion Factor
** Data shown is on a market-based approach

UTAC in Germany: Part 2

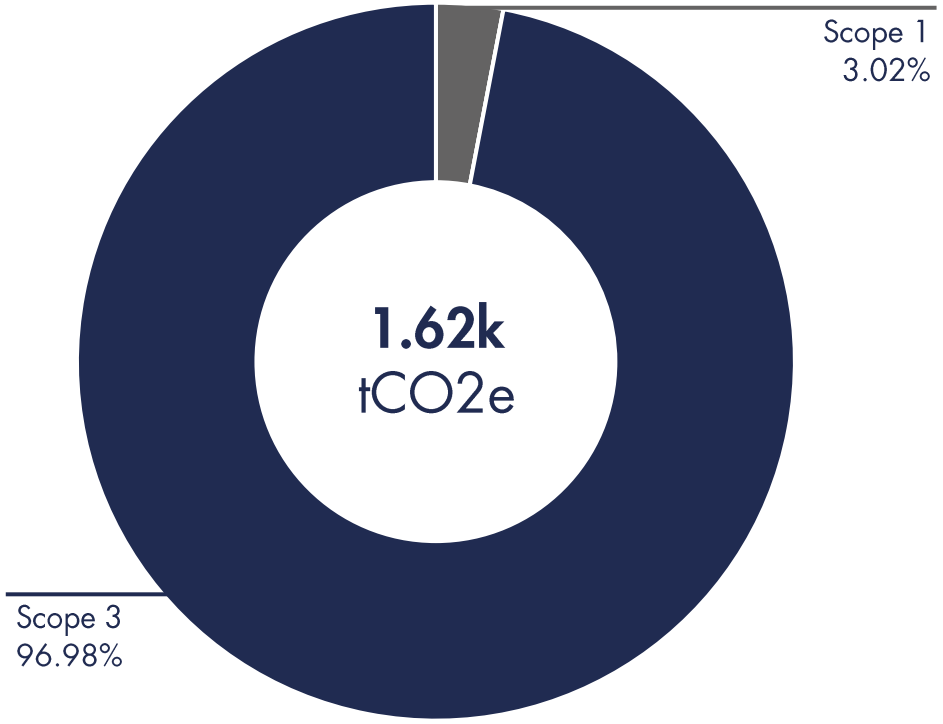
2024 total emissions of UTAC in Germany per regulatory category (tCO2e):



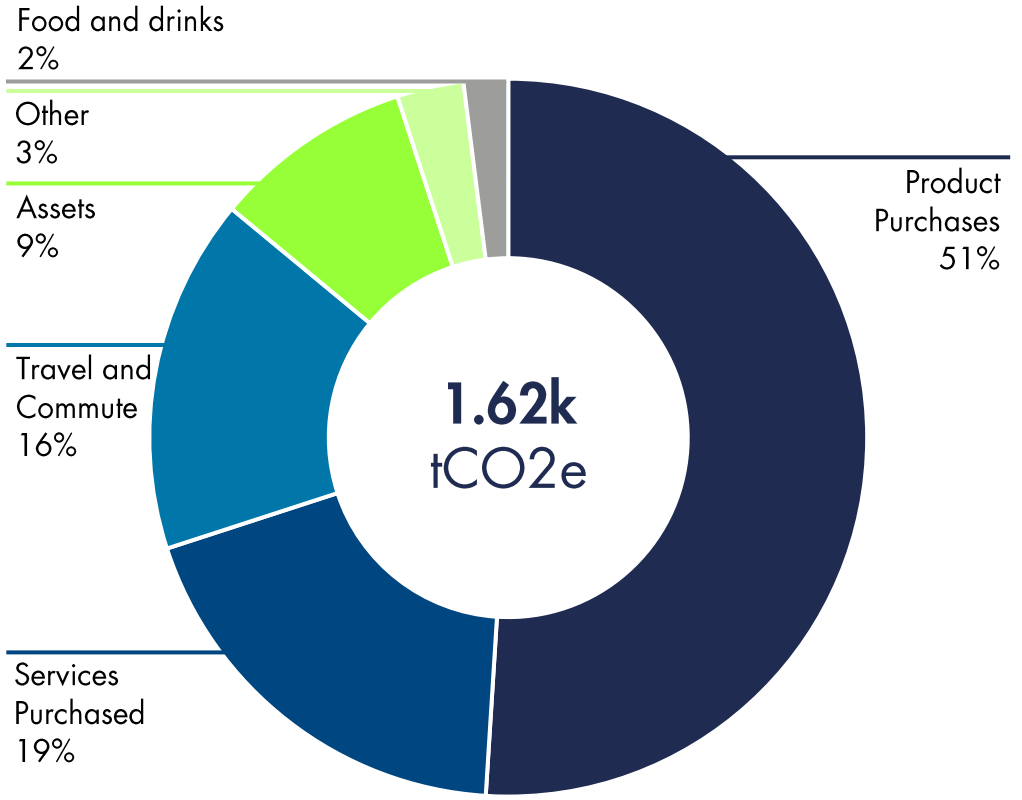
Regulatory Category	tCO2e	%
1.1 Generation of electricity, heat or steam	0.00	0.00
1.2 Transportation of materials, products, waste, and employees	0.00	0.00
1.4 Fugitive emissions	0.00	0.00
2.1 Electricity related indirect emissions	0.00	0.00
3.1 Purchased goods and services	1,936.90	97.41
3.2 Capital goods	30.13	1.52
3.3 Fuel- and energy- related activities not included in Scope 1 or Scope 2	7.04	0.35
3.4 Upstream transportation and distribution	0.00	0.00
3.5 Waste generated in operations	10.36	0.52
3.6 Business travel	3.64	0.18
3.7 Employee commuting	0.31	0.02
3.8 Upstream leased assets	0.00	0.00

UTAC in Finland: Part 1

2024 total emissions of UTAC in Finland per scope (%tCO2e):



2024 total emissions of UTAC in Finland by category (tCO2e):



* Emission Factor Sources: Base Empreinte ADEME, Company Report, EXIOBASE, Greenly Experts, Greenly IT, Greenly, MEF, IEA, IEA Building Module, UK GHG Conversion Factor
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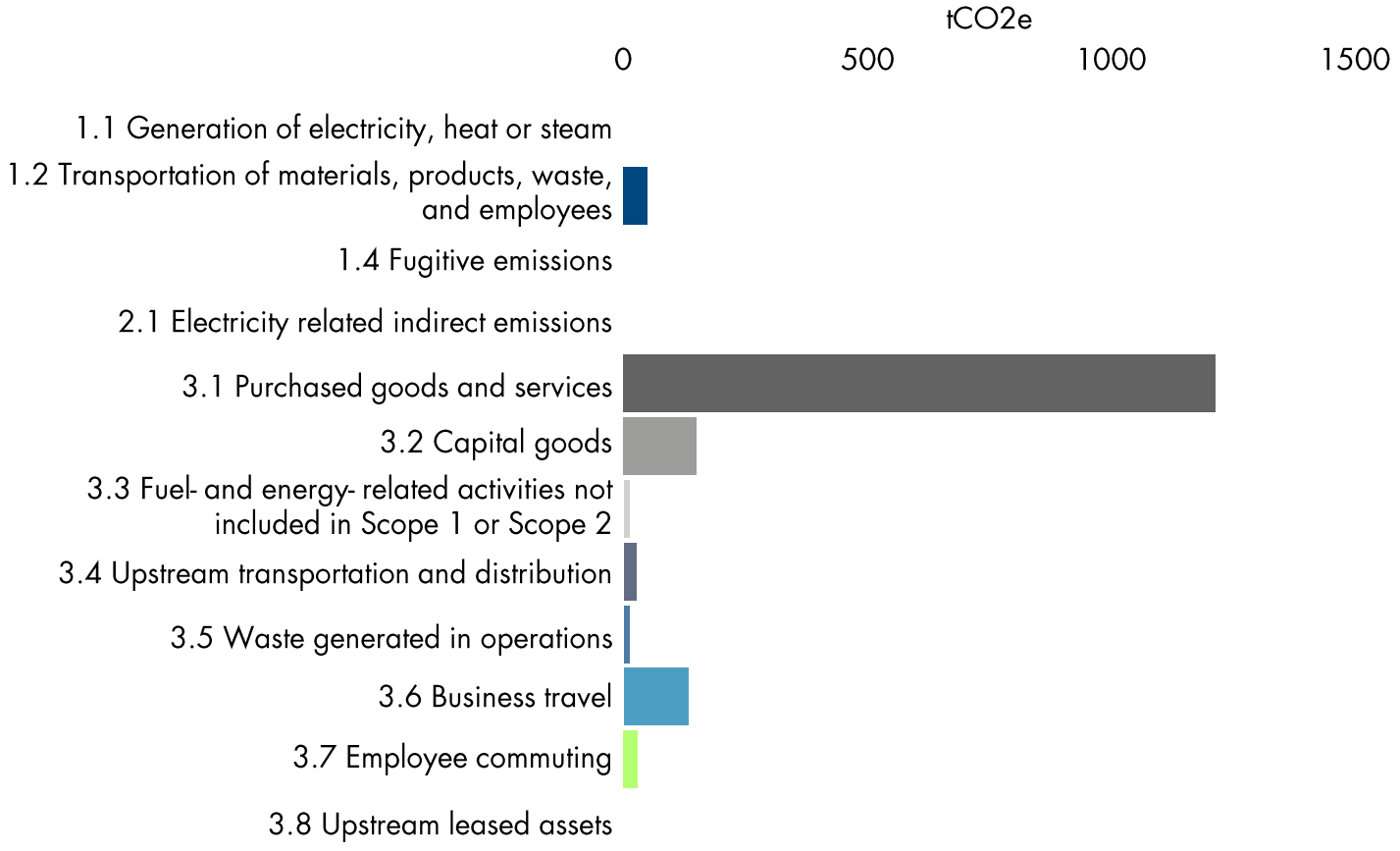
UTAC in Finland: Part 2

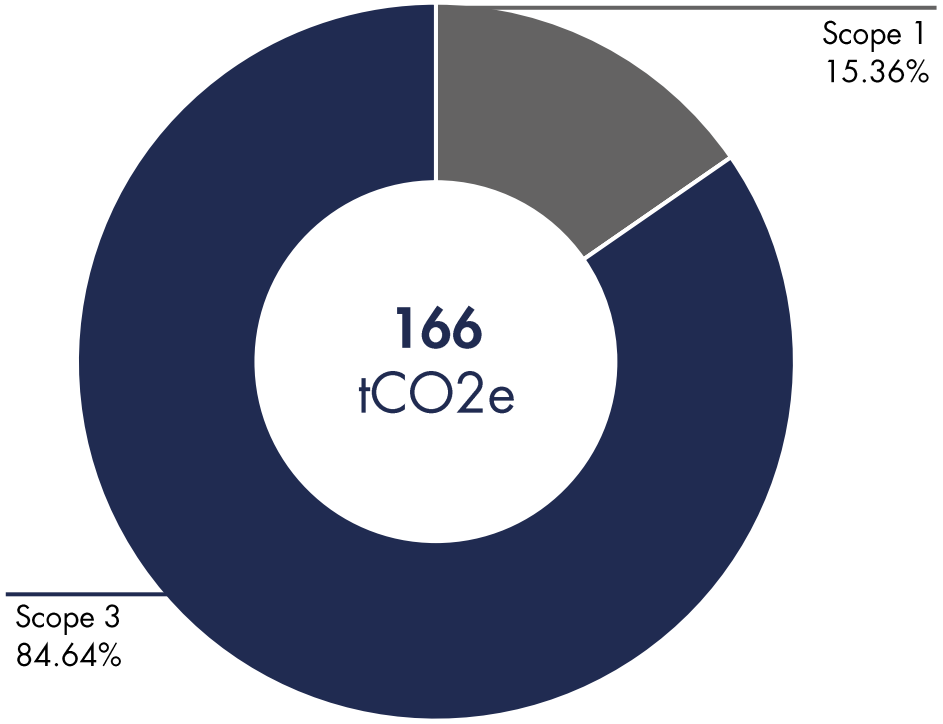
2024 total emissions of UTAC in Finland per regulatory category (tCO2e):



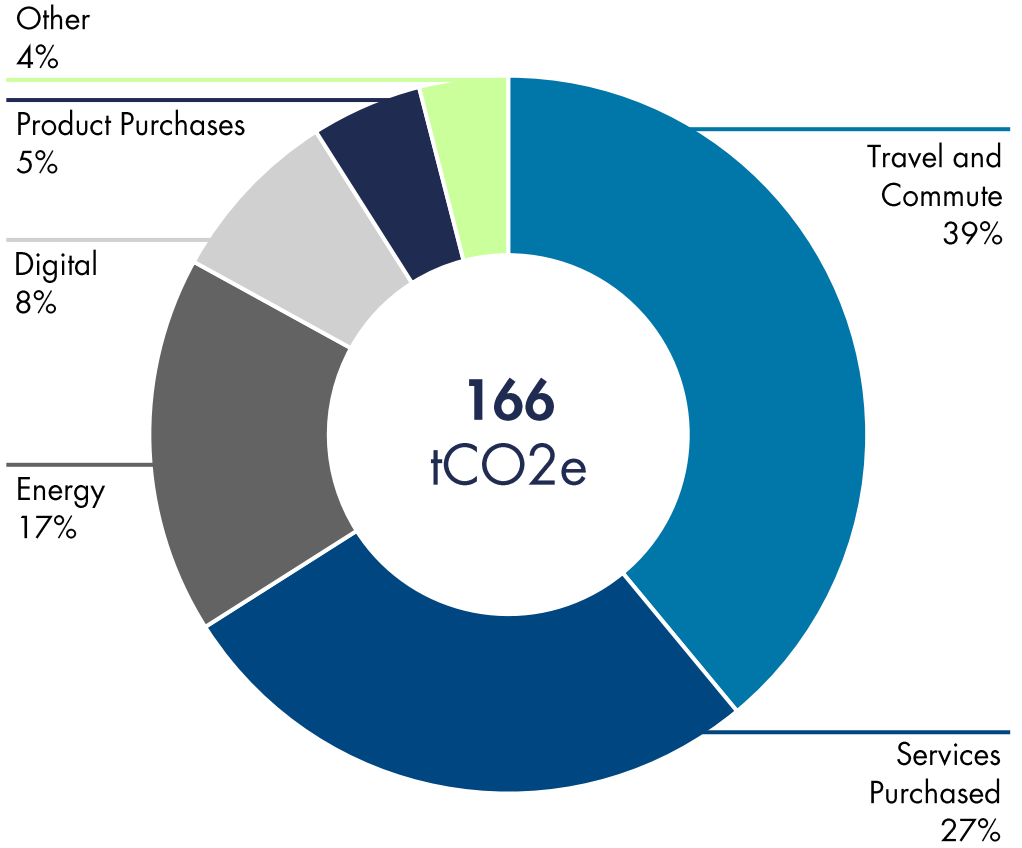
Regulatory Category	tCO2e	%
1.1 Generation of electricity, heat or steam	0.00	0.00
1.2 Transportation of materials, products, waste, and employees	48.90	3.02
1.4 Fugitive emissions	0.00	0.00
2.1 Electricity related indirect emissions	0.00	0.00
3.1 Purchased goods and services	1,214.04	74.92
3.2 Capital goods	149.48	9.22
3.3 Fuel- and energy- related activities not included in Scope 1 or Scope 2	11.11	0.69
3.4 Upstream transportation and distribution	25.21	1.56
3.5 Waste generated in operations	11.17	0.69
3.6 Business travel	132.19	8.16
3.7 Employee commuting	28.36	1.75
3.8 Upstream leased assets	0.00	0.00

UTAC in Morocco: Part 1

2024 total emissions of UTAC in Morocco per scope (%tCO2e):



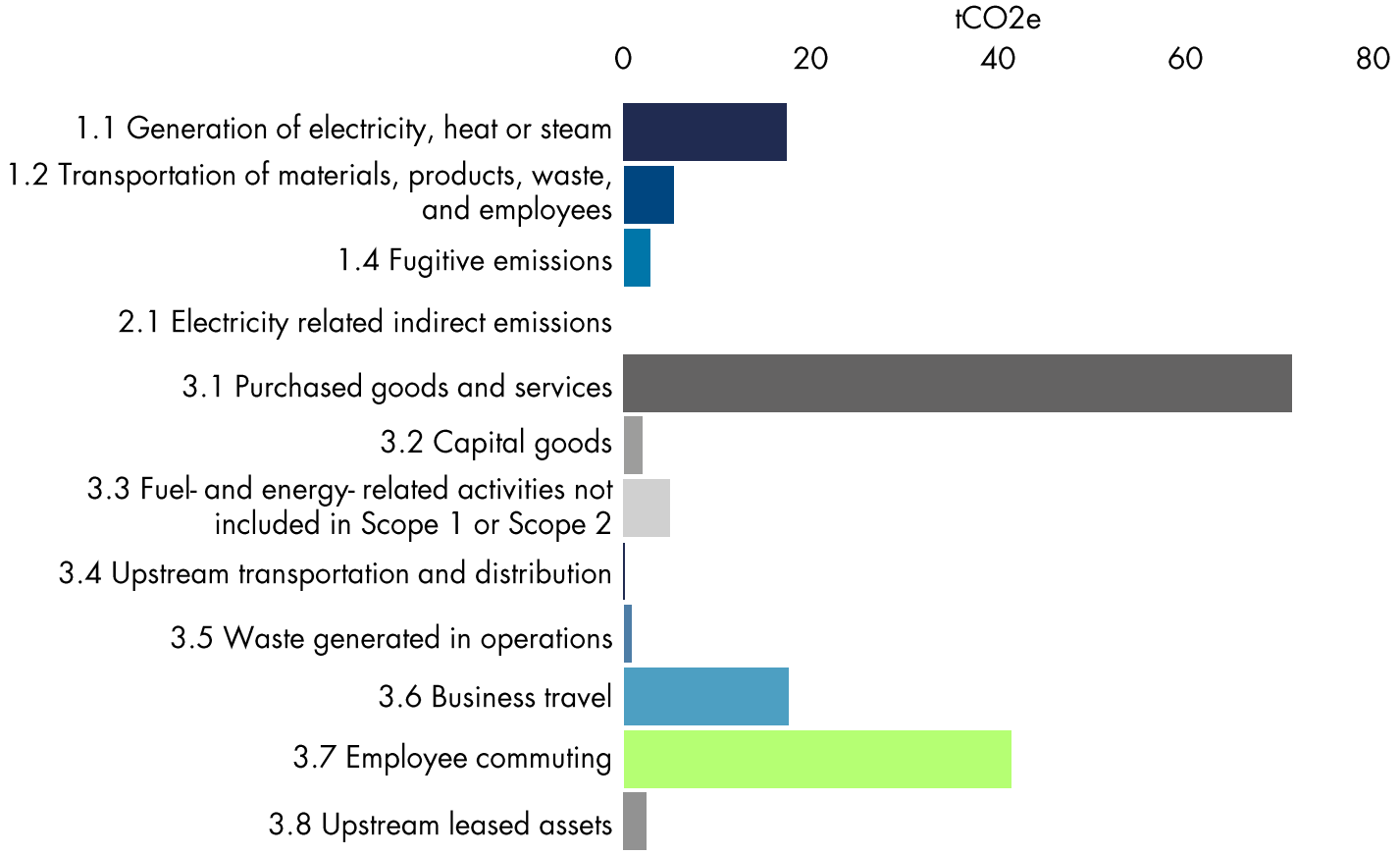
2024 total emissions of UTAC in Morocco by category (tCO2e):



* Emission Factor Sources: ADEME MEF Base Empreinte, Base Carbone ADEME, Base Empreinte ADEME, Company Report, Cornell Hotel Sustainability Benchmarking Index, Greenly Experts, Greenly MEF, IEA, IEA Building Module, UK GHG Conversion Factor
** Data shown is on a market-based approach

UTAC in Morocco: Part 2

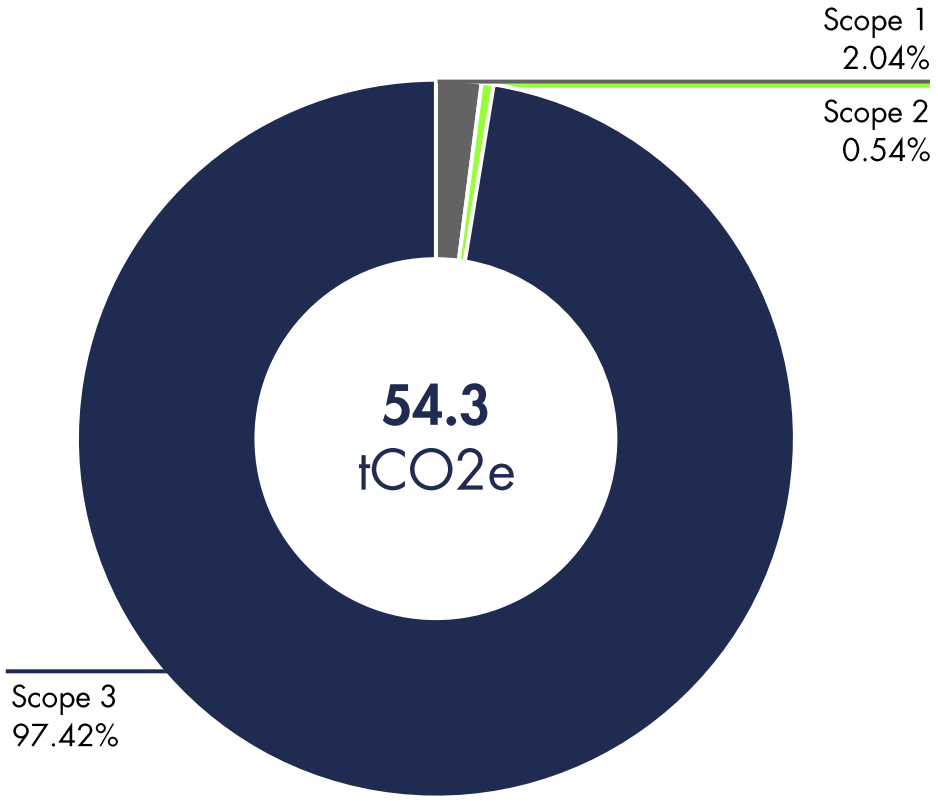
2024 total emissions of UTAC in Morocco per regulatory category (tCO2e):



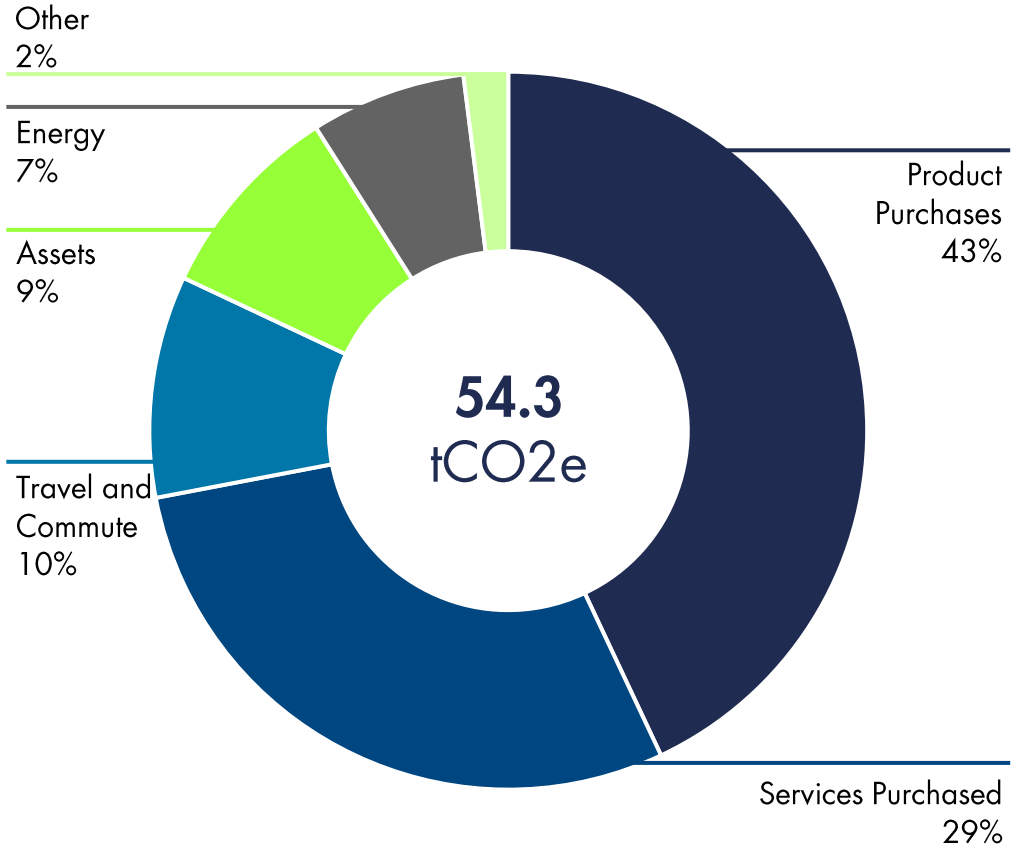
Regulatory Category	tCO2e	%
1.1 Generation of electricity, heat or steam	17.43	10.49
1.2 Transportation of materials, products, waste, and employees	5.29	3.19
1.4 Fugitive emissions	2.79	1.68
2.1 Electricity related indirect emissions	0.00	0.00
3.1 Purchased goods and services	71.40	42.98
3.2 Capital goods	1.99	1.20
3.3 Fuel- and energy- related activities not included in Scope 1 or Scope 2	4.94	2.97
3.4 Upstream transportation and distribution	0.12	0.07
3.5 Waste generated in operations	0.84	0.50
3.6 Business travel	17.55	10.57
3.7 Employee commuting	41.35	24.89
3.8 Upstream leased assets	2.42	1.45

UTAC in Italy: Part 1

2024 total emissions of UTAC in Italy per scope (%tCO2e):



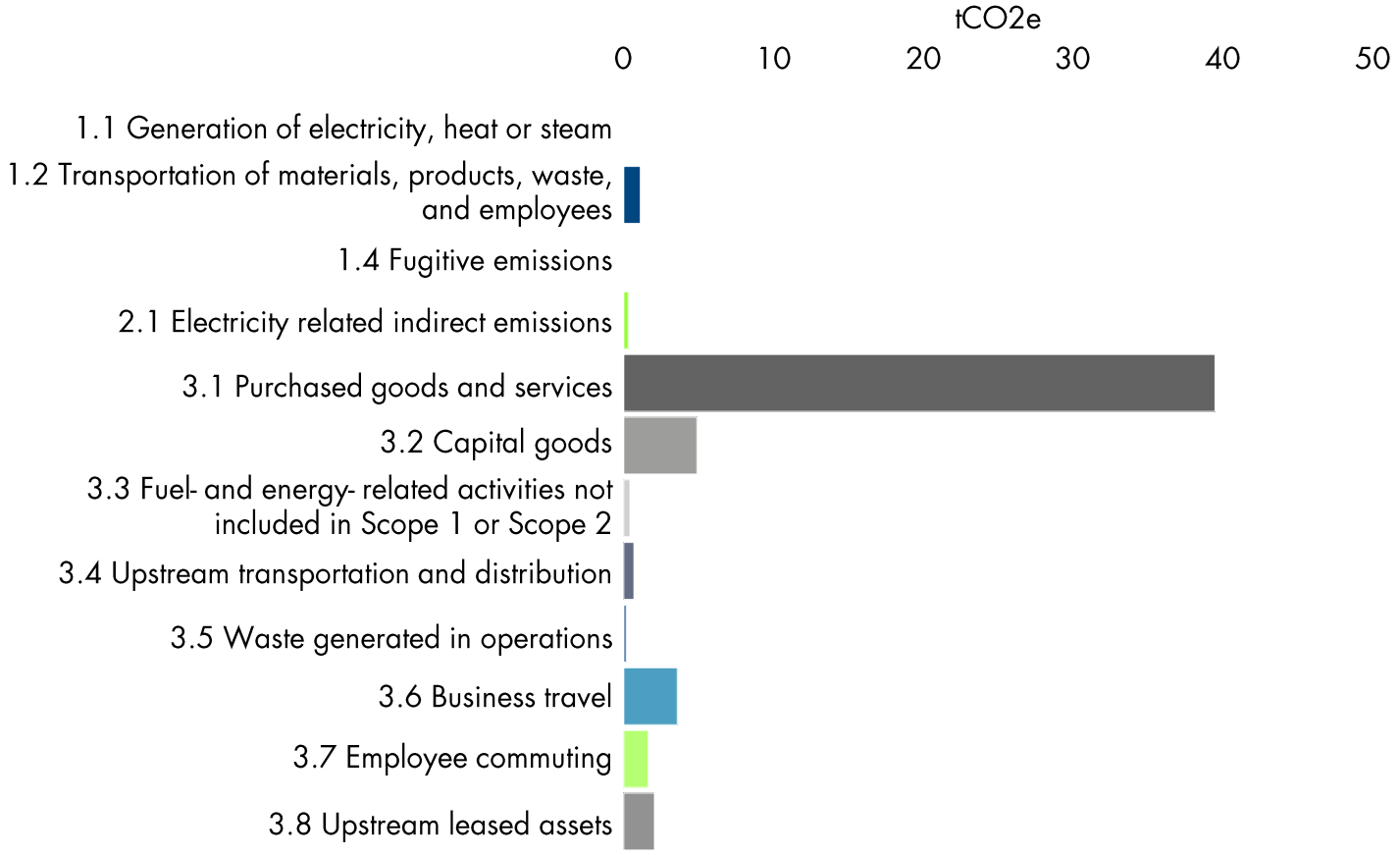
2024 total emissions of UTAC in Italy by category (tCO2e):



* Emission Factor Sources: Base Empreinte ADEME, Company Report, EXIOBASE, Greenly Experts, Greenly IT, IEA, IEA Building Module, UK GHG Conversion Factor
** Data shown is on a market-based approach

UTAC in Italy: Part 2

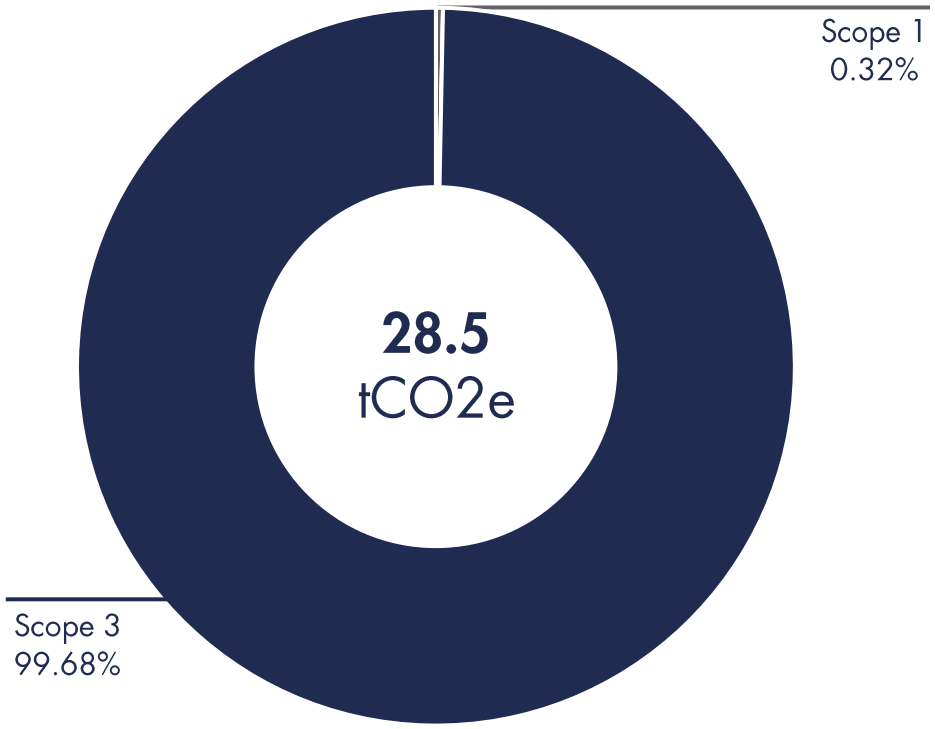
2024 total emissions of UTAC in Italy per regulatory category (tCO2e):



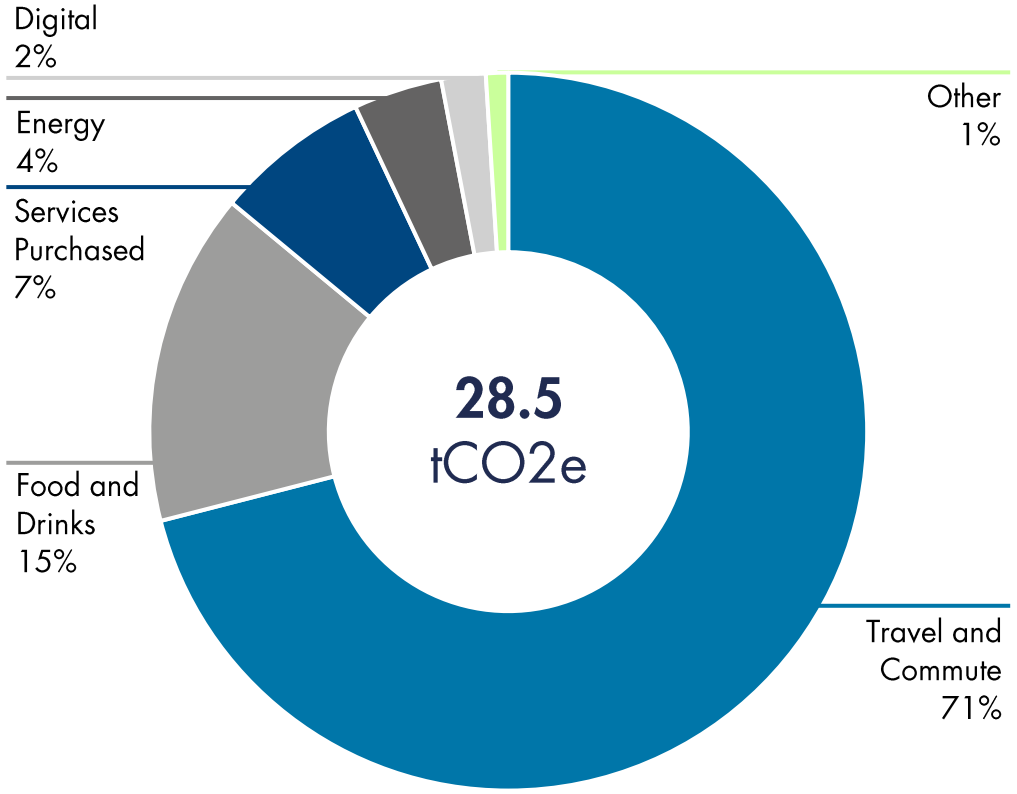
Regulatory Category	tCO2e	%
1.1 Generation of electricity, heat or steam	0.00	0.00
1.2 Transportation of materials, products, waste, and employees	1.11	2.04
1.4 Fugitive emissions	0.00	0.00
2.1 Electricity related indirect emissions	0.29	0.54
3.1 Purchased goods and services	39.48	72.73
3.2 Capital goods	4.88	8.99
3.3 Fuel- and energy- related activities not included in Scope 1 or Scope 2	0.41	0.76
3.4 Upstream transportation and distribution	0.68	1.25
3.5 Waste generated in operations	0.17	0.31
3.6 Business travel	3.57	6.58
3.7 Employee commuting	1.64	3.03
3.8 Upstream leased assets	2.05	3.77

UTAC in Japan: Part 1

2024 total emissions of UTAC in Japan per scope (%tCO2e):



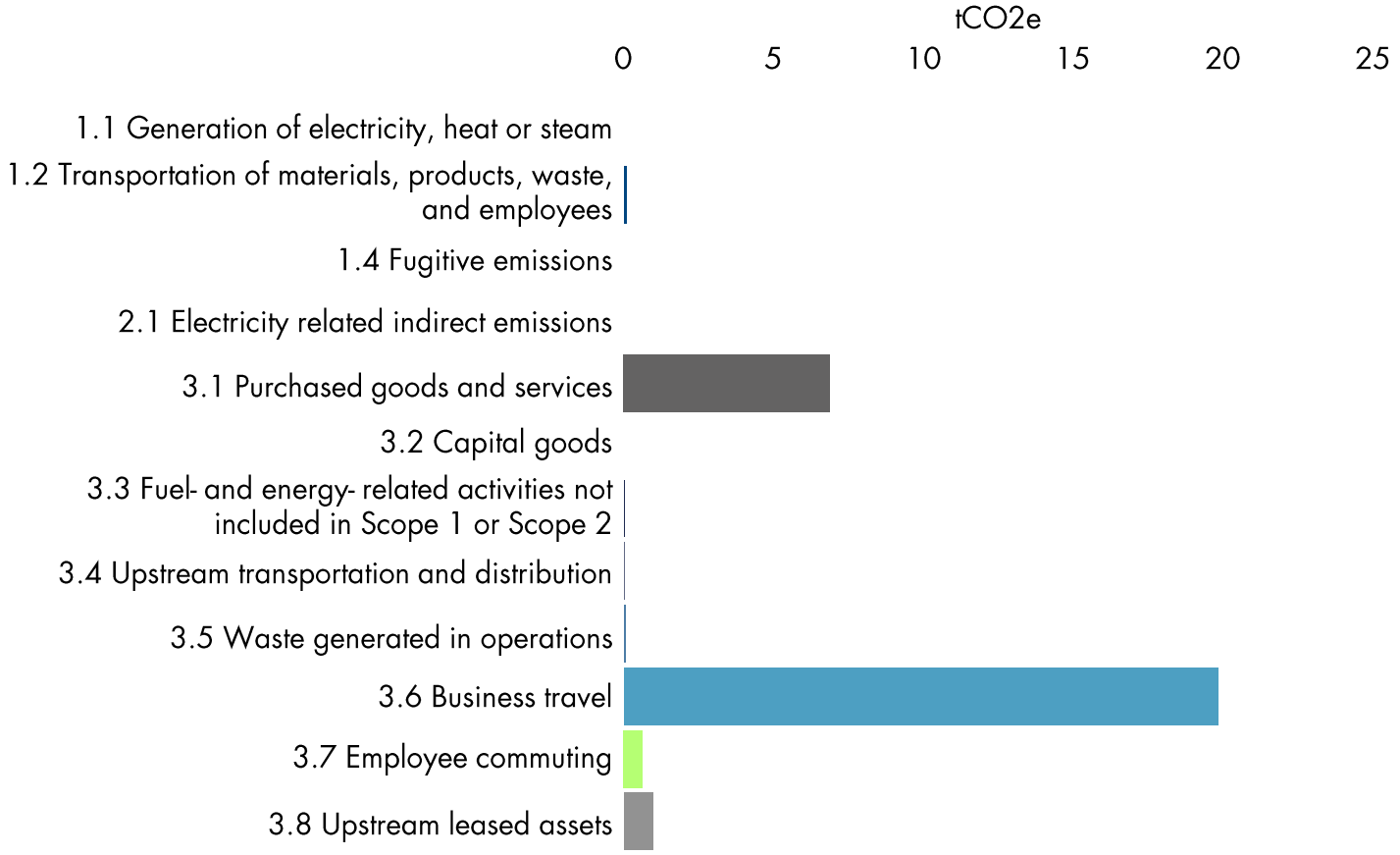
2024 total emissions of UTAC in Japan by category (tCO2e):



* Emission Factor Sources: Base Empreinte ADEME, Company Report, EXIOBASE, Greenly Experts, IEA, IEA Building Module, UK GHG Conversion Factor
** Data shown is on a market-based approach

UTAC in Japan: Part 2

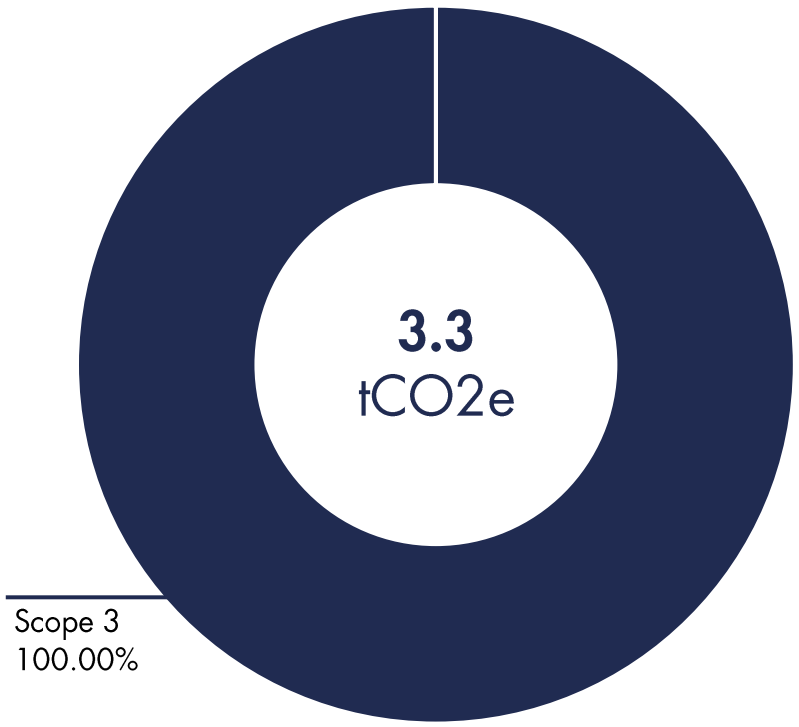
2024 total emissions of UTAC in Japan per regulatory category (tCO2e):



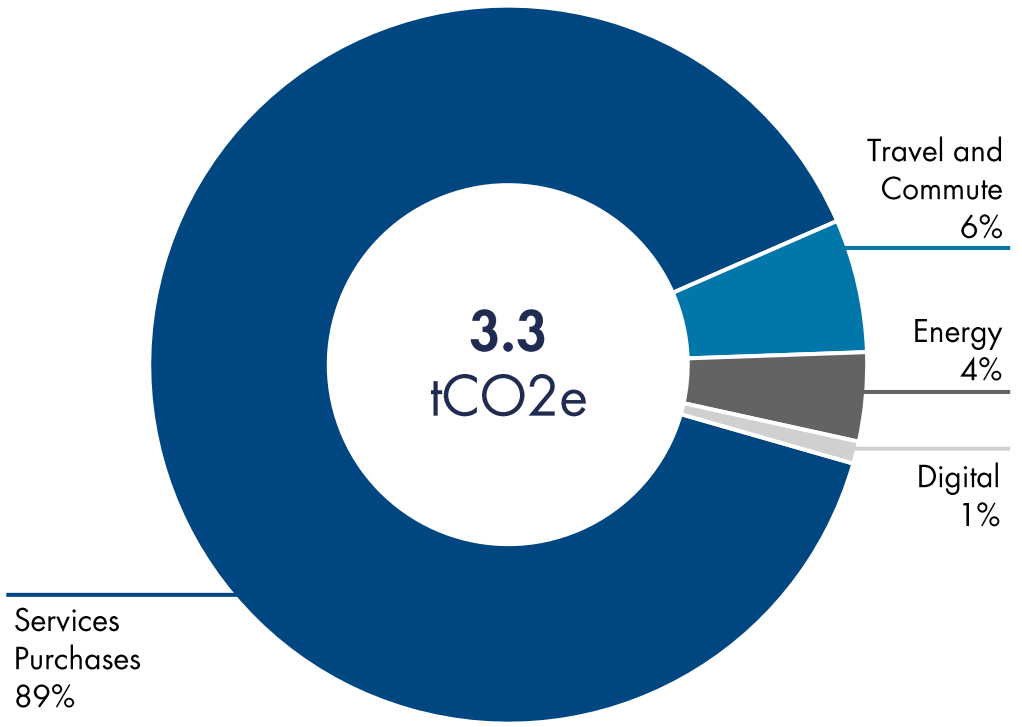
Regulatory Category	tCO2e	%
1.1 Generation of electricity, heat or steam	0.00	0.00
1.2 Transportation of materials, products, waste, and employees	0.09	0.32
1.4 Fugitive emissions	0.00	0.00
2.1 Electricity related indirect emissions	0.00	0.00
3.1 Purchased goods and services	6.88	24.13
3.2 Capital goods	0.00	0.00
3.3 Fuel- and energy- related activities not included in Scope 1 or Scope 2	0.02	0.08
3.4 Upstream transportation and distribution	0.03	0.09
3.5 Waste generated in operations	0.06	0.20
3.6 Business travel	19.85	69.59
3.7 Employee commuting	0.63	2.20
3.8 Upstream leased assets	0.97	3.40

UTAC in Romania: Part 1

2024 total emissions of UTAC in Romania per scope (%tCO2e):



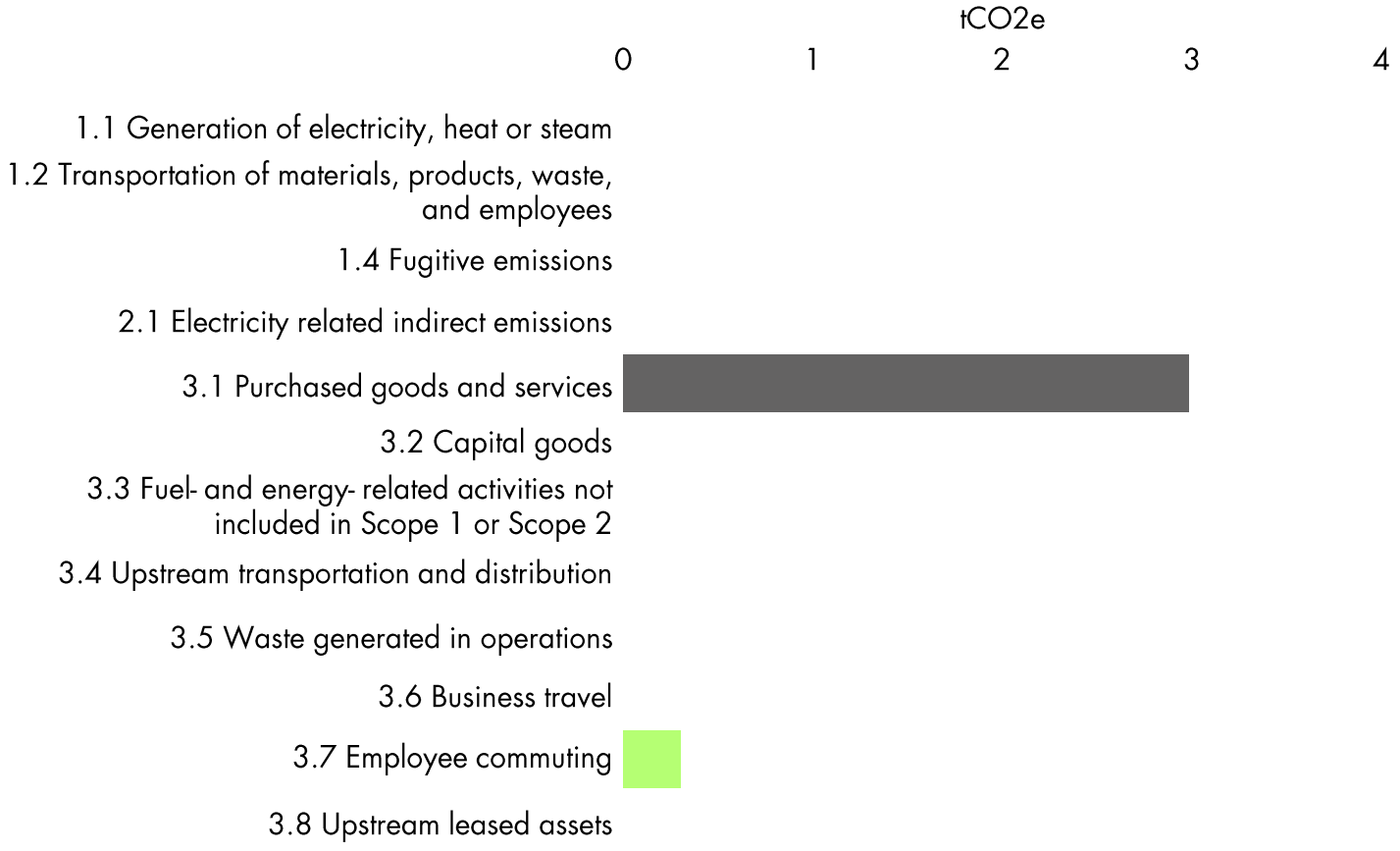
2024 total emissions of UTAC in Romania by category (tCO2e):



* Emission Factor Sources: Base Empreinte ADEME, Company Report, EXIOBASE, Greenly Experts, IEA, UK GHG Conversion Factor
** Data shown is on a market-based approach

UTAC in Romania: Part 2

2024 total emissions of UTAC in Romania per regulatory category (tCO2e):



Regulatory Category	tCO2e	%
1.1 Generation of electricity, heat or steam	0.00	0.00
1.2 Transportation of materials, products, waste, and employees	0.00	0.00
1.4 Fugitive emissions	0.00	0.00
2.1 Electricity related indirect emissions	0.00	0.00
3.1 Purchased goods and services	2.99	90.84
3.2 Capital goods	0.00	0.00
3.3 Fuel- and energy- related activities not included in Scope 1 or Scope 2	0.00	0.00
3.4 Upstream transportation and distribution	0.00	0.00
3.5 Waste generated in operations	0.00	0.00
3.6 Business travel	0.00	0.00
3.7 Employee commuting	0.30	9.16
3.8 Upstream leased assets	0.00	0.00

Our Carbon Reduction Journey So Far…

Conclusion

In 2022, we conducted our first corporate carbon footprint assessment, establishing a baseline for our absolute reduction targets. This initial footprint was calculated by an external consultancy using an expense-based approach. For our 2024 assessment, we utilised a carbon accounting platform, allowing us to source 42% of our data from activity-based methods.

While there was a slight increase in our Scope 1 emissions, we have seen an overall reduction in our Group emissions. The most significant decline is within Scope 2, where we reduced emissions by almost half. This improvement is due to our switch in energy contracts, granting us greater access to renewable energy sources.

Some increases in emissions, such as those from business travel and waste generation, can be explained by our improved methodology. While our 2022 report relied solely on expense data, the 2024 report included more detailed information, such as exact flight itineraries and the weight of specific waste. Activity data constituted over 75% of our waste data and nearly 60% of our business travel data.

We recognise that reducing our emissions is an ongoing journey. We remain committed to implementing further changes and initiatives to continue lowering our carbon footprint and contributing to a more sustainable future.

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Thank you!

Thank you to all colleagues who contributed to data collection and analysis, as well as those who completed the colleague survey. Your efforts and insights have been invaluable to this project and are making a true difference to the environment and our contributions to a cleaner and safer future. As we continue to make strides in reducing our emissions, our annual monitoring, supported by your ongoing contribution and collaboration across the Group, will be crucial to our success in reaching our absolute reduction targets for 2030 and meeting our stakeholders' expectations.

Other Documents

2022 Corporate Carbon Footprint

Carbon reduction plan 2025

Sustainability report 2024

For any queries concerning UTAC Group ESG, please contact:
esg@utac.com

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About UTAC

Our Worldwide Presence

UTAC
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North America
- California
- Michigan

Europe
- France
- United Kingdom
- Finland
- Italy
- Romania

Africa
- Morocco

Asia
- China
- Japan
- Korea

A customer-focused business model …

UTAC
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Vehicle manufacturers
All types and energies, from 2-wheelers to trucks, including off-road

Powertrain & propulsion system manufacturers

Petrochemicals

Engineering companies

Equipment suppliers
Including lighting, seats…

Tyre manufacturers

Mobility operators

Government services

Security & Defence

... to deliver a broad range of services

UTAC
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Regulations

- Homologation
- Certification
- Expertise
- Inspection
- Training

Cleaner

- Green NCAP
- Electrification
- Alternative Propulsions
- Sustainable Certification

Safer

- NCAP
- Active & Passive Safety
- Vehicle Engineering
- Vehicle Testing
- Vehicle Validation

Digital

- Cybersecurity
- Simulation
- Connected Mobility
- Autonomous Mobility

Tracks

- Events
- Rental
- Cold
- Temperate
- Hot

The Executive Committee

Connor McCormack
Chief Executive Officer

Helen Burrows
VP – People, ESG and Internal Communication

Laurent Verhelst
VP – Finance and Group Services

Anis Tebib
VP Sales & Marketing

Laurent Midrier
VP – Strategy, Expertise and Innovation

Christophe Perge
EVP – France and International Services

Kirsty Andrew
VP – United Kingdom

Anthony Beck
VP – USA

Janne Seurujärvi
VP – Finland