shipzero

Corporate Carbon Footprint Report

FY 2024

Foreword

Our company was founded on the premise of supporting climate-intensive industries in their transition to a sustainable and resilient economy. As a result, environmental awareness is deeply embedded in our corporate culture.

The emissions data platform shipzero enables data-driven reporting and reduction management for logistics companies. We provide convenient solutions and actionable information to reduce emissions from global freight transport.
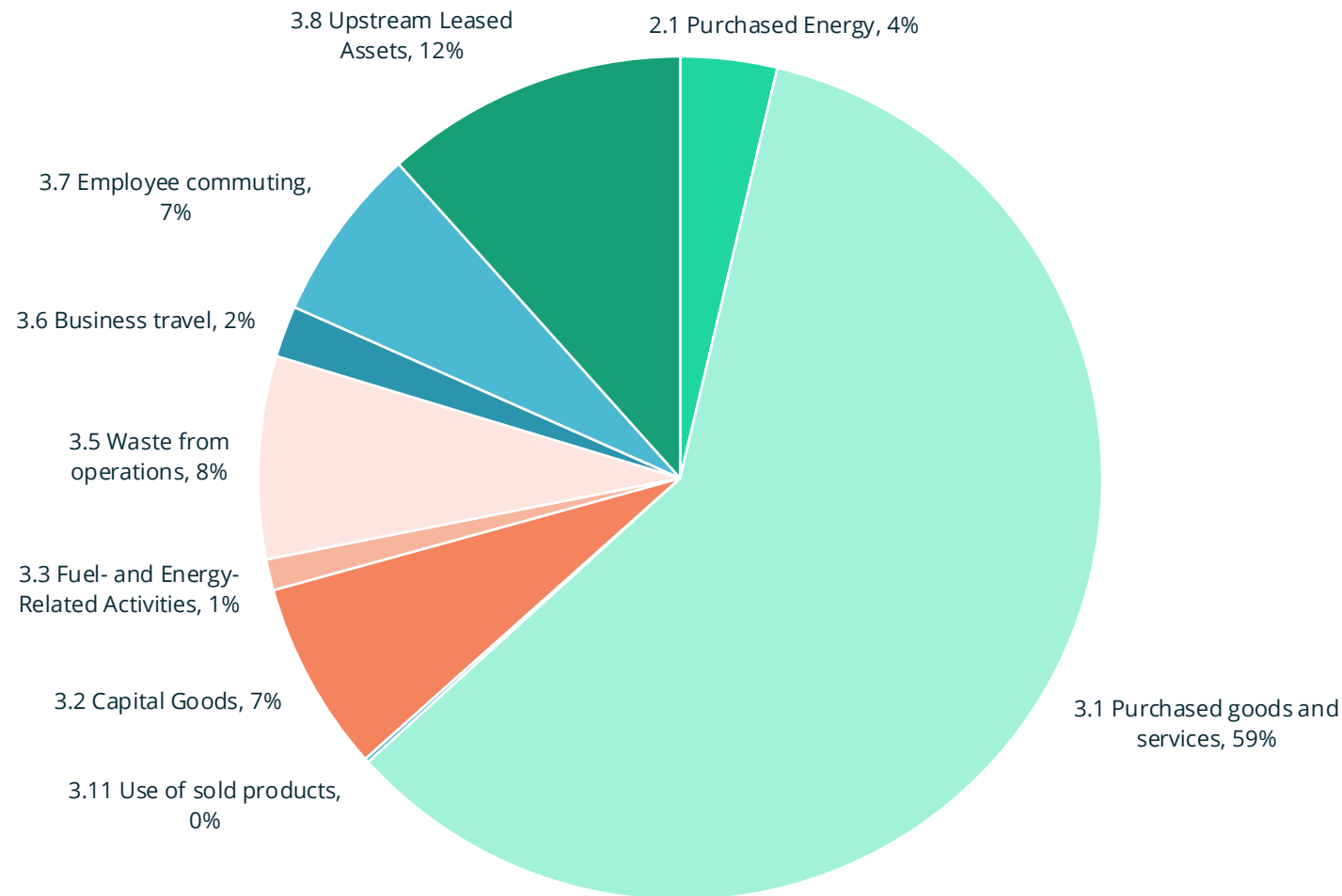
The aim of this report is to strengthen our commitment to sustainability by using data to improve transparency and proactively manage environmental impact as our team continues to grow.

shipzero

Summary

▶ Total Carbon Footprint in 2024
162,4 tonnes CO_2e

▶ Carbon Footprint per employee
3,9 tonnes CO_2e

GHG Emissions by Scope

- 3.8 Upstream Leased Assets, 12%
- 2.1 Purchased Energy, 4%
- 3.7 Employee commuting, 7%
- 3.6 Business travel, 2%
- 3.5 Waste from operations, 8%
- 3.3 Fuel- and Energy-Related Activities, 1%
- 3.2 Capital Goods, 7%
- 3.11 Use of sold products, 0%
- 3.1 Purchased goods and services, 59%

shipzero

Carbon Footprint KPIs 2024

	Kg CO$_2$e
▶ Total GHG emissions	162.350
Scope 1 emissions	-
Scope 2 emissions_Location Based	6.015
Scope 2 emissions_Market Based	0,00
Scope 3 emissions	156.336
GHG emissions per employee	3.866
▶ Energy consumption in kWh	116.131
Energy consumption from renewables %	14%
▶ Emissions from business travel in kgCo$_2$e	3.840
Emissions from lower carbon travel modes %	55%
▶ Emissions from cloud computing %	0,16%

shipzero

Overview

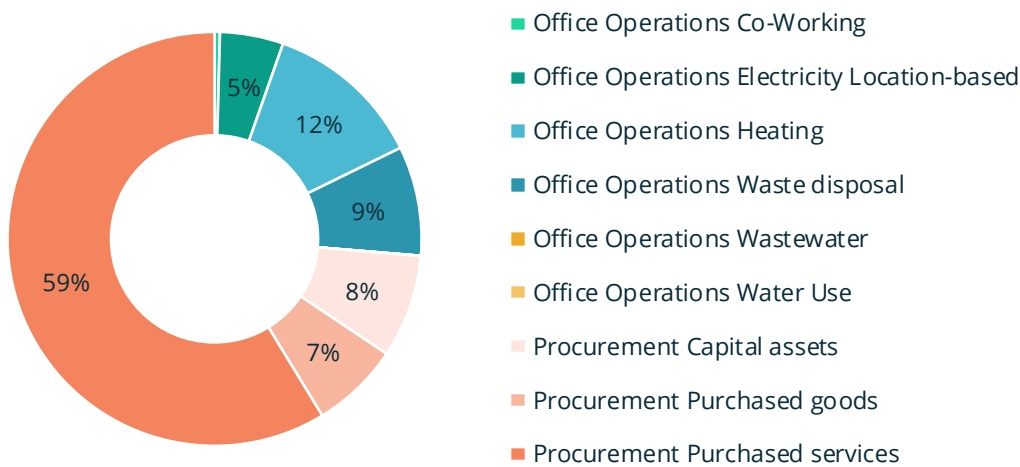| Scope	Category	KgCO$_2$e 2024 Location Based	KgCO$_2$e 2024 Market Based
2 Purchased Energy	Electricity	6014,52	0,00
3.1 Purchased goods and services	Purchased Goods	10185,48	10185,48
3.1 Purchased goods and services	Purchased Services	86491,32	86491,32
3.2 Capital Goods	Capital Goods	11864,77	11864,77
3.3 Fuel- and Energy-Related Activities	Well-to-tank and T&D	1933,06	1933,06
3.5 Waste from operations	Waste Disposal	12592,09	12592,09
3.5 Waste from operations	Wastewater	14,66	14,66
3.6 Business travel	Air	821,86	650,62
3.6 Business travel	Rail	1678,82	1254,14
3.6 Business travel	Road	201,99	148,76
3.6 Business travel	Hotel	488,40	488,40
3.7 Employee commuting	Commuting	4126,91	4126,91
3.7 Employee commuting	Home office	6801,54	6801,54
3.8 Upstream Leased Assets	Heating	18241,23	18241,23
3.8 Upstream Leased Assets	Water Use	12,09	12,09
3.8 Upstream Leased Assets	Co-working	619,73	619,73
3.11 Use of sold products	Cloud Computing	261,80	261,80
	kgCO2e_Total	162350,27	155686,60
	kgCO2e_per employee	3865,48	3706,82

shipzero

Analysis

Looking into our carbon footprint

As a service-based organization, our emissions fall mainly in Scope 3 indirect emissions, with procured goods and services the biggest category at 60% of total emissions.
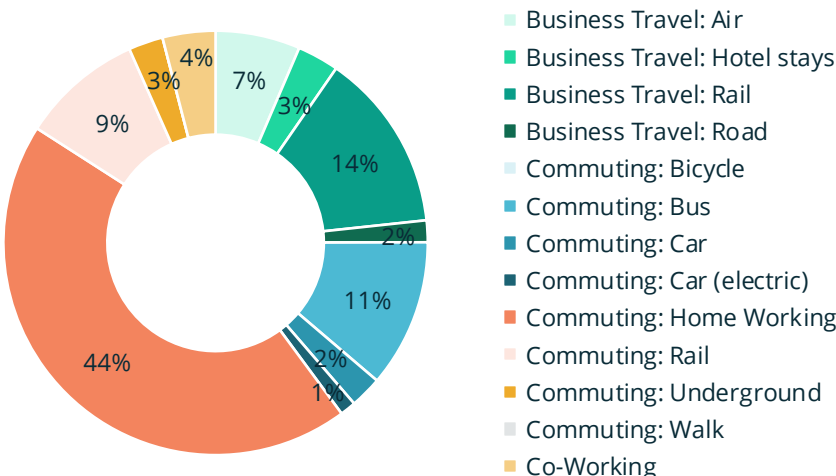
We report market-based emissions for renewable electricity purchased for our offices and were able to reduce our overall carbon footprint by 6.000 $kgCO_2e$ as a result.

By prioritizing rail travel for European journeys, we reduced our emissions by 650 $kgCo_2e$.

Office and Procurement

- Office Operations Co-Working
- Office Operations Electricity Location-based
- Office Operations Heating
- Office Operations Waste disposal
- Office Operations Wastewater
- Office Operations Water Use
- Procurement Capital assets
- Procurement Purchased goods
- Procurement Purchased services

Business Travel and Commuting

- Business Travel: Air
- Business Travel: Hotel stays
- Business Travel: Rail
- Business Travel: Road
- Commuting: Bicycle
- Commuting: Bus
- Commuting: Car
- Commuting: Car (electric)
- Commuting: Home Working
- Commuting: Rail
- Commuting: Underground
- Commuting: Walk
- Co-Working

shipzero

Previous Years' Carbon Footprints

There has been a material shift in the reporting boundary and data quality in our 2024 reporting compared to our previous years of reporting. As such, results are not deemed meaningfully comparable.

The 2024 carbon footprint has been reset as the new baseline year for future comparisons in progress on carbon reduction.

Here is a summary of our 2023 and 2022 carbon emissions for information purposes.

Scope	Category	KgCO$_2$e 2022	KgCO$_2$e 2023
2 Purchased Energy	Electricity_Location based	7386,43	5608,87
3.1 Purchased goods and services	Purchased Goods	5994,55	5713,07
3.1 Purchased goods and services	Purchased Services	14342,47	23212,39
3.2 Capital Goods	Capital Goods	6802,61	1340,47
3.3 Fuel- and Energy-Related Activities	Well-to-tank and T&D	-	-
3.5 Waste from operations	Waste Disposal	166,32	5700,79
3.5 Waste from operations	Wastewater		20,81
3.6 Business travel	Air	196,46	577,33
3.6 Business travel	Rail	1559,17	423,59
3.6 Business travel	Road	149,61	879,05
3.6 Business travel	Hotel	912,46	554,40
3.7 Employee commuting	Commuting	1213,30	2517,60
3.7 Employee commuting	Home office	2672,00	2937,27
3.8 Upstream Leased Assets	Heating	-	17012,39
3.8 Upstream Leased Assets	Water Use	83,32	18,26
3.8 Upstream Leased Assets	Co-working	-	-
3.11 Use of sold products	Cloud Computing	1287,00	3432,05
kgCO2e_Total		**42765,69**	**69948,34**
kgCO2e_per employee		**3563,81**	**2797,93**

shipzero

Our Good Practice in Sustainability

Measuring our impact through our work

Our positive impact extends beyond our own sustainability efforts, with our efforts to decarbonize logistics and the supply chain.

Being thought leaders in Sustainability

We work with companies, industry bodies and standard-setters to ensure that we are at the forefront of best practice.

Practicing what we preach

We are careful with our resources, and mindful of our impact, at work and elsewhere. From green electricity in our offices, vegetarian- and vegan-only drinks and snacks, travel cards for all employees and minimizing the use of single-use items, shipzero involves everyone in its sustainability goals.

Passion and enthusiasm of our Team

shipzero brings together people who are passionate about our future, and are driven to be part of the solution for a better tomorrow.

shipzero

Members of the UN Global Compact

Our commitment to sustainable development

By joining the United Nations Global Compact, shipzero supports the Ten Principles on human rights, labour, environment and anti-corruption. These principles are a core part of the strategy, culture and day-to-day operations of our company, and we commit to engaging in collaborative projects which advance the broader development goals of the United Nations, particularly the Sustainable Development Goals.

For our partners and clients in the logistics sector, this means working with a company that is not just focused on reducing carbon emissions, but one that's committed to creating comprehensive sustainable value across our entire operation.

"This partnership represents our dedication to making the UN Global Compact principles part of our strategy, culture, and day-to-day operations, in particular to contribute to the UN's Sustainable Development Goals."

Co-Founder & CEO Tobias Bohnhoff

United Nations Global Compact

shipzero

Understanding this report

About this report

Company Name	shipzero GmbH
Sector	Software Provider
Reporting Period	01.01.2024 to 31.12.2024
Reporting Standard	GHG Protocol Corporate Standard
Reporting Boundary	No facilities or operations have been excluded from this inventory
Consolidation Approach	Operational Control Approach
Emissions Factor Sources	Defra 2024, EXIOBASE 3.8.2, IEA 2024, EU Buildings Factsheet 2016
Significant Reporting Changes	Inclusion of Berlin co-working office; inclusion of IEA lifecycle emissions in scope 3.3; change in cloud computing emissions calculation approach; inclusion of all business travel.
Prepared by	Monica Niermann, Head of Sustainability

shipzero