



Corporate Carbon Footprint 2024 of BETZ Holding GmbH

BACKGROUND

Since 2019, we have been systematically recording our greenhouse gas emissions in accordance with the Greenhouse Gas Protocol. This report for the 2024 financial year is our fourth carbon footprint assessment. As a trading company, 99.98% of our emissions occur in the supply chain—during the production and transport of products. Our options for reducing emissions therefore depend heavily on our customers' requirements and on the products available on the market.

OUR METHODOLOGY

- Reporting period: 01/01/2024 – 31/12/2024
- Standard: Greenhouse Gas Protocol (GHG Protocol) – the world's leading standard for greenhouse gas accounting
- Sites covered: In addition to our headquarters in Buchholz, we also included our sales offices in Italy, Hong Kong, and the USA
- Technical support: Calculations carried out by ClimatePartner GmbH based on our activity data
- Data quality: 80% of our data is based on actual consumption figures (primary data), not estimates
- Base years: - 2019 for direct emissions (Scope 1+2)
- 2024 for indirect emissions and supply chain emissions (Scope 3)
- 2024 for Scope 3: first-time full coverage

TOTAL EMISSIONS 2024

Across our sites in Germany, Italy, Hong Kong, and the USA, we recorded a total of **607,343 TONNES OF CO₂ EQUIVALENTS** in 2024. This figure may seem high at first glance—but it reflects the reality of a trading company: **99.98%** of our emissions arise in the supply chain, not in our own operations.

DETAILED RESULTS FOR THE GERMANY SITE

Emissions are distributed across the three scopes as follows:

| SCOPE | 2024 (t CO ₂ e) | 2019 (t CO ₂ e) | CHANGE |
|-----------------------|----------------------------|----------------------------|-----------|
| SCOPE 1 (direct) | 130 | 133 | -2% |
| SCOPE 2 (energy) | 18 | 66 | -73% |
| SCOPE 3 (value chain) | 606.359 | 437 | +138.460% |



IMPORTANT NOTE ON COMPARABILITY

In 2024, we significantly expanded our accounting approach and, for the first time, fully captured all relevant categories across the supply chain—including purchased services, detailed logistics data, and product end-of-life/disposal. This improved data basis is an important step forward, but it makes a direct comparison with previous years difficult.

The apparent increase in Scope 3 emissions is therefore not a real rise in emissions, but rather the result of our more transparent and more comprehensive data capture. As of 2024, we now have a solid baseline for measuring future progress.

DISTRIBUTION BY EMISSION SOURCES

Value chain (Scope 3):

- Manufacturing of traded products: 334,441 t CO₂e
- Logistics and freight transport: 199,421 t CO₂e
- Packaging material: 44,044 t CO₂e
- Product end-of-life disposal: 26,811 t CO₂e

Internal operations (Scopes 1, 2 and 3):

- Purchased services: 1,098 t CO₂e
- Business travel (flights): 346 t CO₂e
- Vehicle fleet: 86 t CO₂e
- Employee commuting: 69 t CO₂e
- Heat: 36 t CO₂e

WHAT WE HAVE ALREADY ACHIEVED

While emissions in the supply chain depend heavily on the product mix and trading volume, we have already achieved measurable successes in our own operations:

| | | | | |
|--|---|---|---|--|
| <p>25% REDUCTION IN SCOPE 1+2</p> <p><i>Compared with the 2019 base year, we have already reduced our direct and energy-related emissions by a quarter—an important milestone on the way to achieving our 42% target by 2030.</i></p> | <p>100% RENEWABLE ELECTRICITY SINCE MAY 2024</p> <p><i>By switching completely to renewable electricity, we have reduced our electricity-related emissions by 73%.</i></p> | <p>57% REDUCTION IN PAPER CONSUMPTION</p> <p><i>Our goal was a 20% reduction – we achieved almost three times that. Consistent digitalization is paying off.</i></p> | <p>25% REDUCTION IN COMMUTING EMISSIONS</p> <p><i>Thanks to established remote work, cycling, and short commuting distances, we were able to significantly reduce emissions from commuting traffic—despite an increase in headcount.</i></p> | <p>22% REDUCTION IN HEATING ENERGY</p> <p><i>More conscious energy use and optimized heating settings have led to measurable savings.</i></p> |
|--|---|---|---|--|



OUR CLIMATE TARGETS

BETZ Holding has committed to science-based climate targets under the Science Based Targets initiative (SBTi):

„BETZ Holding GmbH commits to reduce scope 1 and scope 2 GHG emissions 42% by 2030 from a 2020 base year, and to measure and reduce its scope 3 emissions.“

With a 25 % reduction already achieved in Scopes 1 and 2, we are on schedule

PLANNED ACTIONS (2025)

Short-term (2025):

- Analysis of the vehicle fleet with regard to potential further electrification
- Optimization of travel policies and review of compensation measures
- Improvement of data quality in the supply chain

Mid-term (2026-2030):

- Review the potential to increase the share of recycled content in packaging materials
- Engage in dialogue with suppliers to reduce emissions
- Conduct a cost-effectiveness assessment for building systems optimization

CONCLUSION AND OUTLOOK

Within our own operations, we were able to significantly reduce emissions. The greatest challenge lies in the supply chain, where our ability to influence is limited.

We will continue to report transparently on our emissions and implement reduction measures within our direct sphere of influence.

Prepared: September 2025 | Sustainability Management, Betz Holding GmbH