

Carbon Footprint 2023

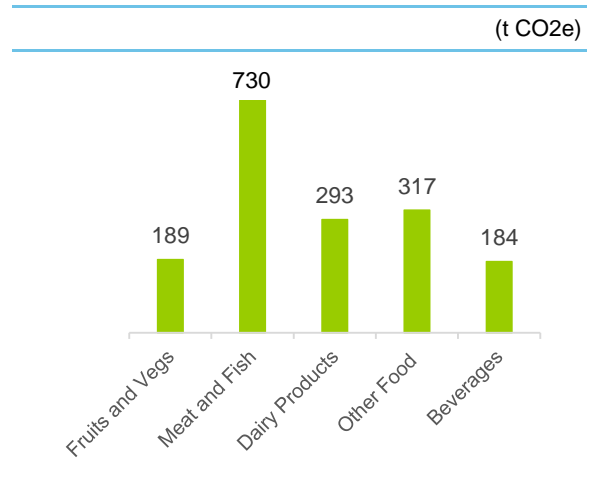
The Dolder Grand



26.03.2024

This report summarizes the carbon footprint of The Dolder Grand for the year 2023. The carbon footprint is based on the internationally recognised standard 'The GHG Protocol: A Corporate Accounting and Reporting Standard' and includes the climate-relevant greenhouse gases that are under the 'operational control' of the hotel. The data for the calculations is taken from myc 0.2 standard (based on ecoinvent 3.6, 3.8, 3.9) and the IPCC 2013 (GWP 100a). The total greenhouse gas emissions amount to 3'542 t CO₂e (Tab. 1). The commitment to finance myclimate climate protection projects covers the total emissions of 3'612 t CO₂e.

	(t CO ₂ e)	%
Purchased Electricity	124.9	4%
Heating and Cooling	404.4	11%
Employee Commuting	515.3	15%
Business Travel	197.6	6%
Fuel Consumption	60.5	2%
Transport (3rd Parties)	0.0	0%
Food & Beverages	1'713.9	48%
Administration	62.2	2%
Toiletries and Detergents	70.0	2%
External Laundry Service	233.9	7%
Waste and Recycling	159.0	4%
Total	3'541.9	100%



Tab. 1: Greenhouse gas emissions divided into different categories

Fig.1: Emissions from Food and Beverages

The hotel operations themselves accounted for 3112 t CO₂e in 2023 (of which 478 t CO₂e were attributable to the restaurants and 199 t CO₂e to the spa). Further emissions occurred due to events which accounted for 430 t CO₂e. The following numbers illustrate the emissions per overnight stay, per day guest (spa and restaurants) as well as per event and guest:

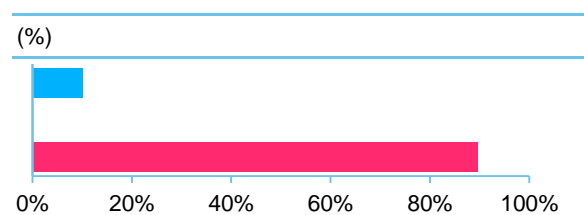
Greenhouse gas emissions per overnight stay: 39.2 kg CO ₂ e
Greenhouse gas emissions per spa guest: 9.8 kg CO ₂ e
Greenhouse gas emissions per restaurant guest: 5.9 kg CO ₂ e
Greenhouse gas emissions per event and guest: 8 kg CO ₂ e

Greenhouse gas emissions are assigned to the three scopes below. A distinction is made between where the emissions occurred - at the hotel itself or in upstream or downstream processes for manufacturing and transporting goods:

- Scope 1: Includes all direct emissions from owned or controlled sources, such as business travels in
- Scope 2: Includes all indirect emissions from the production of purchased energy consumed by the hotel.
- Scope 3: Includes all other indirect emissions resulting for example from purchasing food products.

Scope 1, 2 and 3 accounted for 10%, 0% and 90% of the total greenhouse gas emissions.

	(t CO ₂ e)	(%)
Scope 1	363	10.2%
Scope 2	0.04	0.0%
Scope 3	3'179	89.8%
Total	3'542	100%



Tab. 2: The three scopes according to the GHG Protocol

Fig. 2: Percentage per scope of total emissions

