

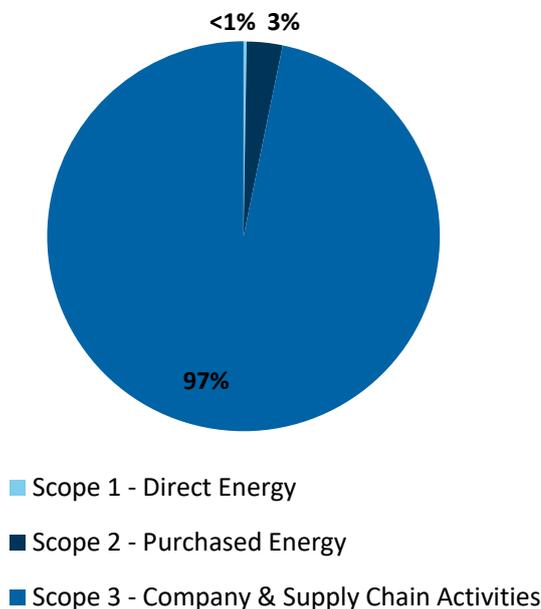
Carbon Footprint Report 2019

Management Summary

Project Target: The project target was to calculate a first Corporate Carbon Footprint of Rauh GmbH & Co. Blechwarenfabrikations-KG (“Rauh”). Covered are direct emissions from own facilities, own vehicles and purchased energy, as well as indirect emissions along the value chain. Due to the preliminary internal work by Rauh, it was possible to speed up the process of data gathering and calculation. This has been supported by the holistic DFGE TopDown approach, based on DFGE’s project experiences and combined with mathematical methods.

Rauh - Carbon Footprint 2019: The Carbon Footprint for Rauh was assessed via a complete analysis considering the selected inventory boundaries. The calculation is based on the methodology of the Greenhouse Gas Protocol (GHG Protocol)¹ and covers all relevant Scope 1, 2 and 3 emissions.

The estimated total Carbon Footprint amounts to **71 483 t CO₂e** (calendar year 2018).



Scope	Value	Unit
Scope 1 total	178	t CO ₂ e
Scope 2 total*	2 101	t CO ₂ e
Scope 3 total	69 204	t CO ₂ e
Total CF	71 483	t CO₂e

**market-based. Sum Scope 2 (location-based): 2 994 t CO₂e*

¹ Standards available at <http://www.ghgprotocol.org/standards/> (Nov 17)

Rauh– carbon intensity. Based on the data provided by Rauh for the year 2018, the following emission intensity metrics have been calculated:

Intensity metric	Value	Unit
Emissions per unit of revenue	1 246,63	t CO2e/million EUR
Emissions per FTE	649,85	t CO2e/FTE
Emissions per floor area	7,96	t CO2e/m ²

Data quality rating: The quality of used input data is rated by DFGE experts based on qualitative indicators defined by the GHG protocol. For the different balance groups, an error analysis is performed, including an estimation of the bandwidth in which the actual value is located. Results are then aggregated using mathematical methods.

The resulting data quality rating for the overall result is **“Good”**, corresponding to a bandwidth of **+/- 15%**.

All greenhouse gas emission amounts are calculated in CO₂-equivalents (CO₂e). All results are based on the information provided by Rauh and should be considered preliminary. DFGE recommends conducting further investigation to improve data quality.

The methodological background, detailed values for all categories, used data sources and a detailed data quality assessment are presented in the detailed Carbon Footprint report.



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