

Our CO₂ footprint 2018-2023: GHG emissions in t CO₂e (Scope 1 and 2)

		2018	2019	2020	2021	2022	2023
Scope	Scope category	Emissions in t CO ₂ e					
Total GHG emissions (Scope 1 and 2)		71,581	73,148	61,392	62,023	59,837	69,203
Total Scope 1 emissions		24,077	25,760	23,253	23,859	21,897	24,032*
Scope 1	Of which direct energy consumption	19,901	21,557	20,524	21,479	19,840	20,661
	Of which direct energy consumption of company vehicles	4,176	4,203	2,729	2,380	2,057	3,371
Total Scope 2 emissions		47,504	47,389	38,138	38,164	37,940	45,171**
Scope 2	Of which electricity	45,203	44,654	35,236	34,568	35,346	43,272
	Of which district heating	2,301	2,735	2,902	3,596	2,594	1,899

* In 2023, the introduction of new software meant that additional emission sources were identified that were previously only partially communicated, e.g. LPG, global vehicle fleet (until 2022 only PAUL HARTMANN AG). This leads to smaller additional quantities in the greenhouse gas balance.

** The significantly higher greenhouse gas emissions (Scope 2) in 2023 are attributable to an increase in emission factors due to energy crisis-related changes in the electricity mix (including more coal-fired electricity).