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Summary report - GHG emissions & Energy

This report is a review of the company's energy and carbon footprint based on the total energy consumption related to corporate operations. The carbon footprint gives a general overview of the company's greenhouse gas emissions, converted into CO₂ - equivalents and it is based on reported data from internal and external systems. The analysis is based on the international standard, the Greenhouse Gas Protocol Initiative (GHG protocol), which is the most important standard for measuring greenhouse gas emissions, developed by World Resources Institute (WRI) and World Business Council for Sustainable Development (WBCSD). The GHG protocol founds its carbon inventory and reporting on three main scopes of direct and indirect emissions. The reporting considers the following greenhouse gases, all converted into CO₂ equivalents: CO₂, CH₄ (methane), N₂O (laughing gas), SF₆, HFCs and PFCs.

Annual GHG emission per scope			
Tonne CO ₂ -eqv.	2016	2017	2018
Scope 1 Total	114.2	107.5	84.3
Transportation	114.2	107.5	84.3
Scope 2 Total	3.4	4.7	6.3
Electricity*	3.4	4.7	6.3
Scope 3 Total	22.8	8.5	38.2
Air travel	4.8	-	2.6
Waste	1.4		20.2
Business travel	16.6	8.5	15.4
Sum	140.3	120.7	128.8
<i>*Alternative Electricity emissions-Market based method (RECs, GoO)</i>			
	17.3	24.8	0

Annual energy consumption (MWh) Scope 1 & 2			
MWh	2016	2017	2018
Scope 1 Total	454.3	439.8	361.7
Transportation	454.3	439.8	361.7
Scope 2 Total	60.0	90.0	140.2
Electricity*	60.0	90.0	140.2
Sum	514.3	529.8	501.9

