

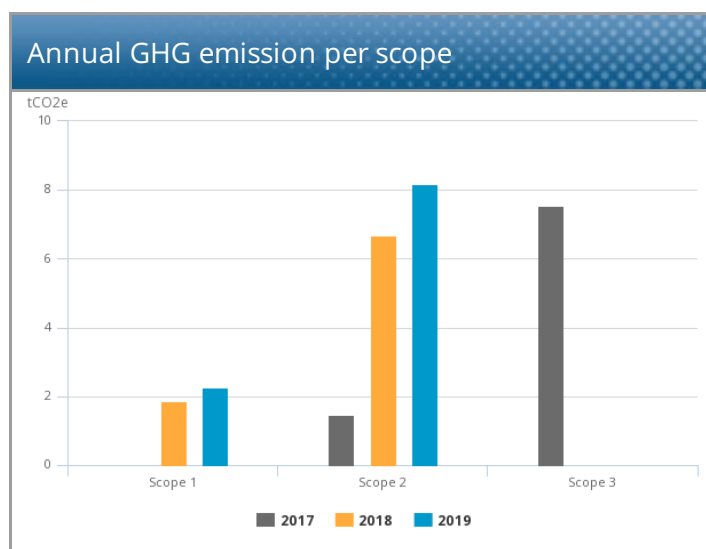
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Summary report - GHG emissions & Energy

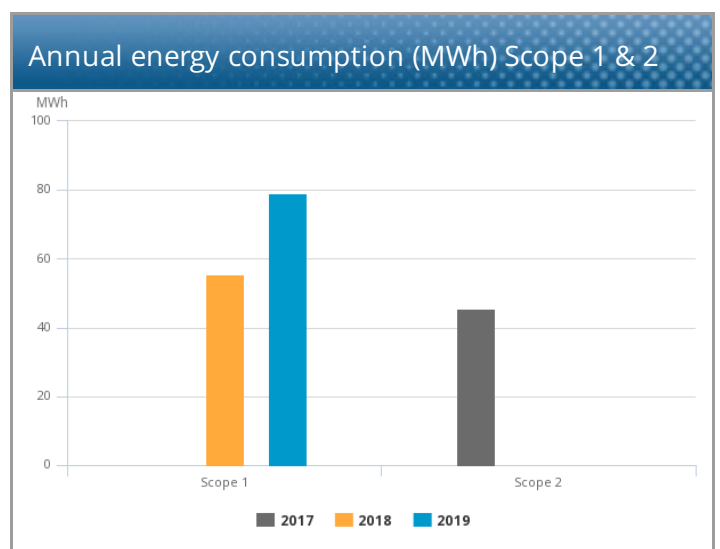
This report is a review of the company's energy and carbon footprint based on the total energy consumption related to corporate operations. The carbon footprint gives a general overview of the company's greenhouse gas emissions, converted into CO₂ - equivalents and it is based on reported data from internal 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.	2017	2018	2019	
Scope 1 Total	-			
Transportation	-			
Scope 2 Total	1.5	1.9	2.3	
Electricity*	1.1	1.5	1.8	
DH Nordic locations	0.4	0.3	0.5	
Scope 3 Total	7.5	6.7	8.2	
Waste	0.3	0.3	0.4	
Business travel	3.8	2.7	3.2	
Air travel	3.5	3.6	4.5	
Sum	9.0	8.5	10.4	

Market-based GHG emissions summary				
Category	Unit	2017	2018	2019
Electricity market-based	tCO₂e	5.8	2.1	2
Scope 2 market-based	tCO₂e	6.2	2.5	2.5
Total market-based	tCO₂e	13.7	9.1	10.6
Percentage change		-22.5 %	-33.3 %	16.3 %



Annual energy consumption (MWh) Scope 1 & 2			
MWh	2017	2018	2019
Scope 1 Total	-		
Transportation	-		
Scope 2 Total	45.6	55.4	79.0
Electricity*	21.1	34.3	45.2
DH Nordic locations	24.5	21.1	33.8
Sum	45.6	55.4	79.0



Key Performance Indicators

KPI	Numerator	Denominator	<i>2017</i>	<i>2018</i>	<i>2019</i>
tCO ₂ e/FTE	Scope 1+2	FTE	0.1	0.2	-
tCO ₂ e/Revenue	Scope 1+2	Revenue	0.1	0.1	-
Total tCO ₂ e/FTE	Scope 1+2+3	FTE	0.9	0.9	-
Total tCO ₂ e/Revenue	Scope 1+2+3	Revenue	0.7	0.5	-
MWh/FTE	Scope 1+2	FTE	4.6	5.5	-

Source

The key external sources used as a basis for the calculations in this report are; World Resource Institute (WRI/US), International Energy Agency (IEA/OECD), Intergovernmental Panel on Climate Change (IPCC), Department of Energy and Climate Change (DECC/UK), EcoInvent LCI Database.