

GHG emissions of NN Group's direct operations

Emissions category in kilotonnes CO ₂ e ¹	2022	2021	2020	2019
Grand total GHG emissions (includes market-based ² scope 2)	9.4	9.2	10.4	17.9
Grand total GHG emissions (includes location-based ³ scope 2)	12.7	13.7	16.7	27.2
Total scope 1 and market-based scope 2 emissions	7.1	8.7	9.4	13.6
Total scope 1 and location-based scope 2 emissions	10.4	13.3	15.7	22.9
Scope 1	3.9	4.2	4.8	7.4
Operational road travel ⁴	3.4	3.1	3.5	5.6
Natural gas	0.4	1.1	1.3	1.8
Scope 2: Market-based	3.2	4.5	4.6	6.2
Electricity	2.6	3.8	3.7	5.2
District heating	0.6	0.7	0.9	1.0
Scope 2: Location-based	6.5	9.1	10.9	15.6
Electricity	5.9	8.4	10.0	14.5
District heating	0.6	0.7	0.9	1.0
Scope 3⁵	2.3	0.5	1.0	4.3
Purchased goods and services	Not available			
Fuel and energy related activities	Not available			
Waste generated in operations	Not available			
Business travel (only by air)	2.3	0.5	1.0	4.3
Employee commuting	Not available			
GHG emissions in tonnes CO ₂ e per FTE	0.6	0.6	0.7	1.2
GHG emissions offset ⁶	9.4	7.6	13.0	20.0

¹The years 2019 to 2021 have been recalculated based on the divestment of our asset manager NN IP (in line with our base year policy), inclusion of all buildings we reside in and improvements in data quality

²Based on the type of electricity that NN Group has chosen to purchase and includes electricity used by company cars

³Based on the average emission factors of the local grid and includes electricity used by company cars

⁴Consists of company and lease cars. Values from the years 2019 to 2021 have changed based on data quality and availability where we use the fuel-based method and otherwise the distance-based method aligned with the GHG Protocol Corporate Accounting and Reporting Standard

⁵We acknowledge the existence of scope 3 emissions that are currently not reported due to data availability and reliability. Only significant categories in line with the GHG Protocol Corporate Accounting and Reporting Standard are shown in this table

⁶Current emissions in scope for offsetting include scope 1, scope 2: market-based and scope 3 business air travel. The amount offset is not adjusted based on recalculations of prior years

Energy consumption, paper and waste of NN Group

Energy consumption in GWh	2022	2021	2020	2019
Total energy consumption	28	36	39	52
Non-renewable electricity	7	10	9	12
Renewable electricity	11	13	16	22
- Renewable electricity as % of total electricity	61%	57%	63%	64%
Natural gas	2	5	7	9
District heating	8	8	8	9
Paper in tonnes				
Total paper use	196	238	188	458
- Sustainable paper	80	132	94	264
- Sustainable paper as % of total paper	41%	55%	50%	58%
Waste in tonnes				
Total waste ⁷	261	285	449	634
- recycled waste	168	207	172	362
- recycled waste as % of total waste	64%	73%	38%	57%

⁷Excluding Czech Republic. For Belgium data on waste is available for 2019, 2020 and 2021, data is not available for 2022. For 2022, waste in the Netherlands is incinerated with energy recovery (16 tonnes of waste)