

Carbon Emission Report 2021 - 2023

SCOPE 1

Fuel			
Year	ℓ. Used	Km Covered	tCO ₂ e
2021	205061	1158900	456.70
2022	147068	1405788	387.90
2023	106441	244973	267

Miles expenses claimed (Streamlined Energy and Carbon Reporting - SECR) 2023					
Average car	Diesel	Electric	Hybrid/Electric	Petrol	tCO ₂ e
Mileage	25976	2746	17759	22664	61.68
kWh	28.03	0.00	8.03	25.62	

SCOPE 2

Building				
Year	Gas (kWh)	Electricity (kWh)	tCO ₂ e	
			Gas	Electricity
2021	75295.4	166753.7	17.92	89.55
2022	27959	160360	6.65	86.11
2023	31602	161288	5.69	33.40

SCOPE 3

Flights		
Year	No of Passengers	tCO ₂ e
2021	261	39.15
2022	191	28.65
2023	208	34.46

WATER 2023		
m ₃	kgCO ₂	tCO ₂ e
551.66	90.40	0.09

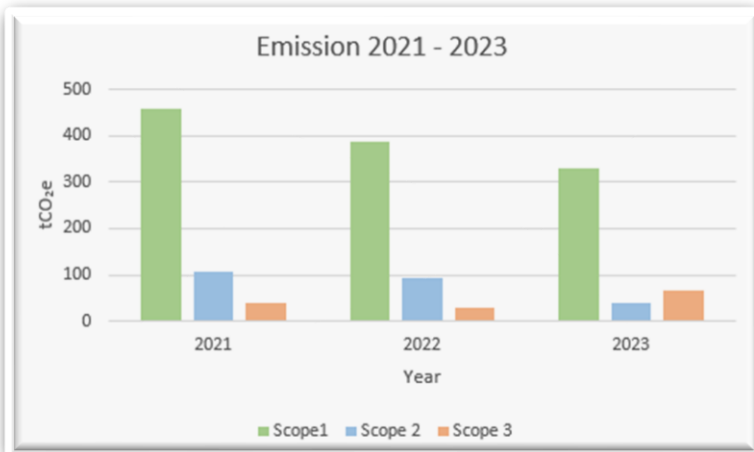
Hotel stay 2023	
Person p/night	tCO ₂ e
3151	4.41

Business travel land non-company vehicles 2023					
Average car	Diesel	Electric	Hybrid/Electric	Petrol	tCO ₂ e
Mileage	38912	4696	40590	32986	27.82
kWh	10635.26	709.72	7771.67	8701.28	

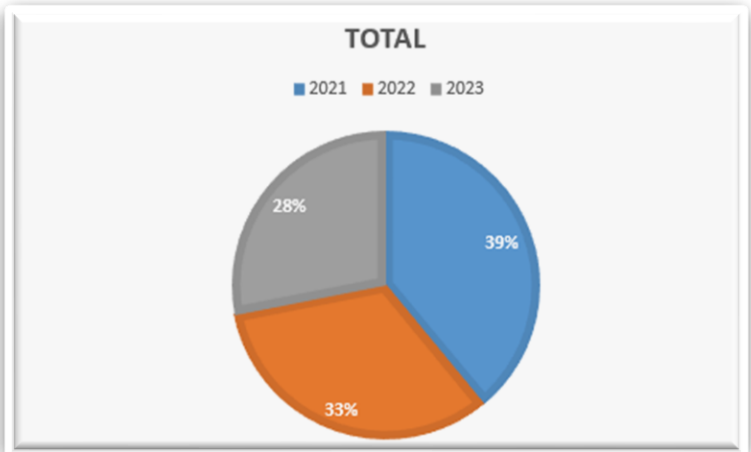


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Year	Total	Scope1	Scope 2	Scope 3
2021	603.32	456.7	107.47	39.15
2022	509.32	387.9	92.77	28.65
2023	434.71	328.84	39.09	66.78



Total tCO₂e p/scope



Total company tCO₂e

Resources to compile 2023 report:

Conversion factors:

<https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2023>

Scope 1 and Scope 2:

For information about how the conversion factors have been derived, please refer to the 'Methodology paper' that accompanies the conversion factors: <https://assets.publishing.service.gov.uk/media/647f50dd103ca60013039a8a/2023-ghg-cf-methodology-paper.pdf>

Scope 3:

Hotel stay: For more information about how they have derived at hotel stay conversion factors, please visit <https://www.hotelfootprints.org/> where more granular data is available by city and segment.

<https://ghgprotocol.org/corporate-value-chain-scope-3-standard>

