

Earth Changers Climate/Carbon Report 2021-22

Total Measured Carbon dioxide equivalent: 2472kg CO₂e = 2.4 tonnes.

Our reporting period, start September 2021- end August 2022 continued to be affected by the pandemic. UK travel regulations were lifted mid-March 2022, enabling travel to some destinations though not all.

As expected on the base reporting year of 2020 global travel lock-down, our carbon impact increased: **279%**

This was largely due to a change in travel (mostly tube, taxi), due to once again being able to attend events, meetings and vital consultancy work, given ineligibility to government Covid business support, plus an energy reporting change (new smart meter) for greater control and accuracy.

9/2021-8/22 Comparison Reporting Year 2020-21

Item	UK & Offshore Kg CO ₂ e	Global (excluding UK and offshore) Kg CO ₂ e	UK & Offshore Kg CO ₂ e
Energy - Gas - old meter	7.87800	22.867941	580.60%
Energy - Gas - Smart meter	147.76098		
Energy - Electricity - old meter	7.65785	46.15632	53.05%
Energy - Electricity - Smart meter	62.98580		
Water (process energy)	1.16220	1.008701887	15.22%
Water - Waste (treatment energy)	2.12160	1.841388679	15.22%
Staff Travel: Car	769.37895	523.29861	47.02%
Staff Travel: Tube	26.10752	2.5029	943.09%
Staff Travel: Rail	15.42118	22.77	-32.27%
Staff Travel: Bus	4.51758		
Staff Travel: Taxi	12.61004	0.897875	1304.43%
Staff Travel: Ferry	4.68450	1.269702	268.94%
Staff Travel: Cable car	0.16995		
Staff Travel: Coach	6.39522		
Staff Travel: Flights	1177.95600		
Staff Travel: Hotels	124.80000		
Website & CMS hosting	90.58378	89.28936	1.45%
Cloud email/file storage	10.219	11	-7.10%
Total KG	2472.410138	651.028447	
Total Tonnes	2.472410138	0.651028447	279.77%

Italics denotes estimations where absolute measures or conversion factors are not published.

UK Government conversion factors for company reporting of greenhouse gas emissions used unless otherwise stated.

Future Considerations: Waste, Recycling, Paper, Plastics; Supplier trip impacts; offset residual emissions.