

A. Annex C – Streamlined Energy & Carbon Reporting

Energy and Greenhouse Gas Report

Mastek UK has appointed Carbon Footprint Ltd, a leading carbon and energy management company, to independently assess its Greenhouse Gas (GHG) emissions in accordance with the UK Government's 'Environmental Reporting Guidelines: Including Streamlined Energy and Carbon Reporting Guidance'.



The GHG emissions have been assessed following the GHG Protocol Corporate Standard and has used the 2020 emission conversion factors published by Department for Environment, Food and Rural Affairs (Defra) and the Department for Business, Energy & Industrial Strategy (BEIS). The assessment follows the dual reporting approach for assessing Scope 2 emissions from electricity usage, showing both location and market-based emissions. The operational control approach has been used.

The table below summarises the GHG emissions for reporting year: **1st April 2020 to 31st March 2021**. As a business we have been assessing our carbon emissions since 2019 and have provided this year the baseline year assessment results for comparison.

Scope	Activity	Location-based (tCO ₂ e)	Market-based (tCO ₂ e)
Scope 2	Electricity generation	28.53	22.24
Scope 2 Sub Total		28.53	22.24
Scope 3	Flights	66.46	66.46
	Commuting	34.77	34.77
	Employee-owned car travel (grey fleet)	12.74	12.74
	Waste	2.46	2.46
	Electricity transmission & distribution	2.45	2.28
	Rail travel	0.61	0.61
	Water (and wastewater)	0.05	0.05
Scope 3 Sub Total		119.54	119.36
Total tonnes of CO₂e		148.07	141.60
Tonnes of CO₂e per employee		0.19	0.18
Tonnes of CO₂e per £M turnover		1.26	1.20
Scope 3 Screening Sub Total		374.40	374.40
Total tonnes of CO₂e (including scope 3 screening)		522.47	516.00
Total Energy Consumption (kWh)*		176,605	176,605

* Total Energy Consumption includes UK electricity and employee-owned vehicles (grey fleet).

We are delighted to be able to show we have reduced our greenhouse gas emissions, including those associated with the Scope 3 screening assessment, by 34.08% since last year (the baseline year).

No measures to improve energy efficiency have been implemented over the assessment period.

Activity	Baseline Year (2019/20)	Current Year (2020/21)
Total energy consumed (kWh)	407,379	176,605
Total Gross Location-Based Emissions (tCO ₂ e) ¹	435.06	148.07
Total Gross Market-Based Emissions (tCO₂e)¹	422.90	141.60
Total Gross Market-Based Emissions (tCO₂e)²	782.73	516.00
Carbon offsets (tCO ₂ e)	783	TBC
Total Net Market-Based Emissions (tCO₂e)²	-0.27	TBC
Intensity ratio: tCO₂e (gross Scope 1, 2, and 3 market-based) per £M revenue¹	5.09	1.20

¹ Excluding Scope 3 supply chain screening results

² Including Scope 3 supply chain screening results