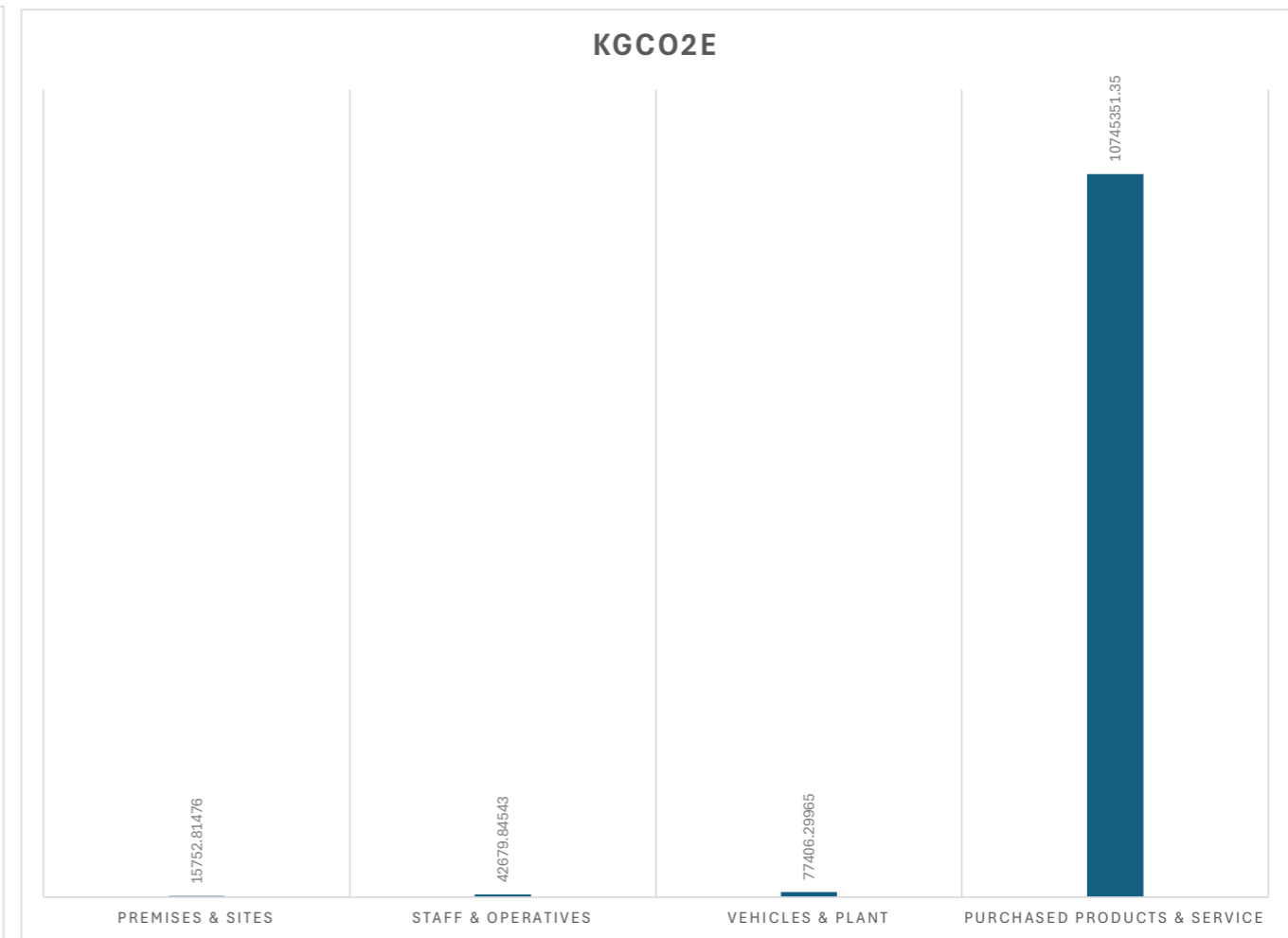
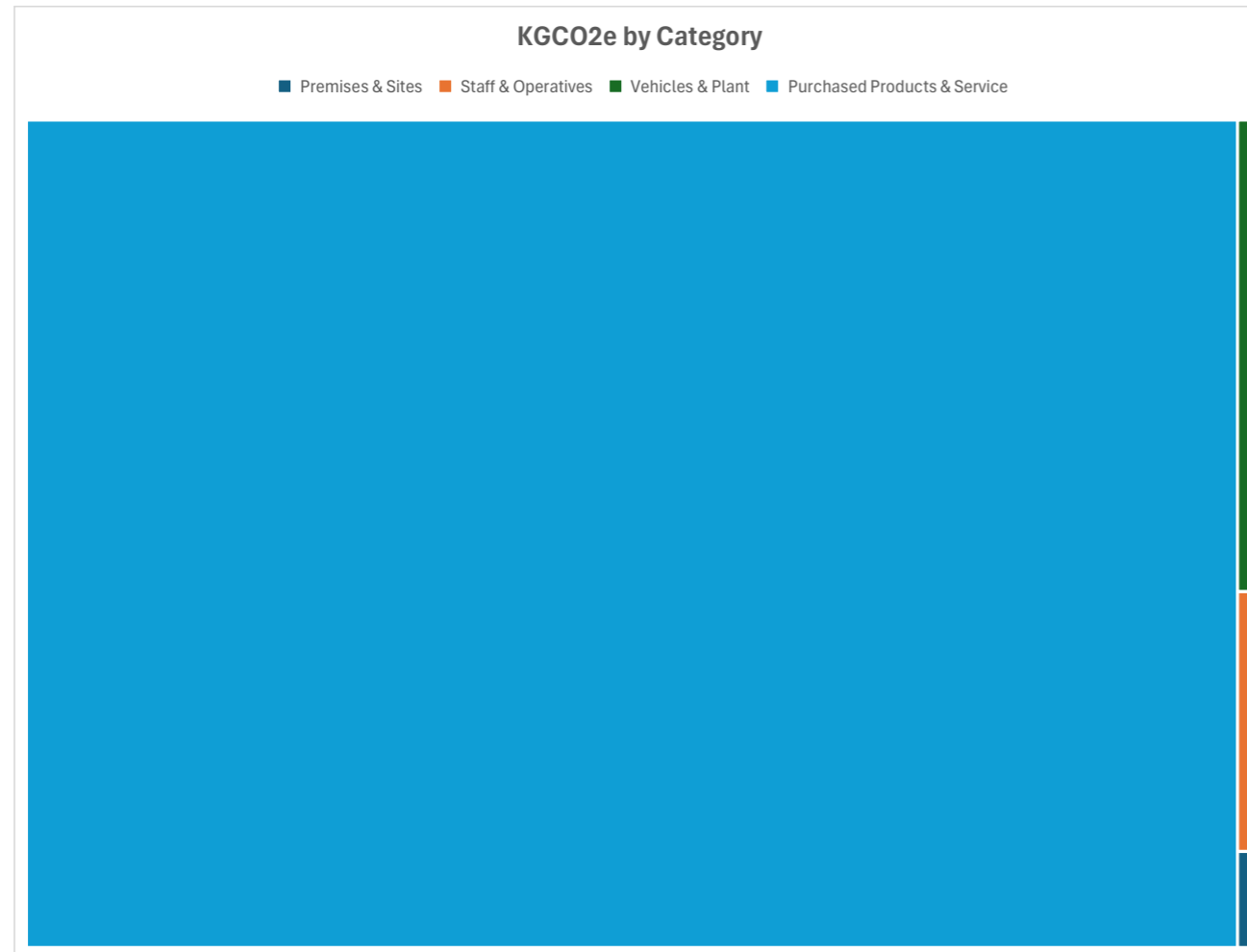


Category	KgCO2e
Premises & Sites	15752.8148
Staff & Operatives	42679.8454
Vehicles & Plant	77406.2997
Purchased Products & Service	10745351.4



Organisation Name	Service HQ	Site Name	Assigned_kgCO2e	Whole_Site_Total_kgCO2e	Category	Factor_Type	Description	Unit_Of_Measure	Quantity	Adjustment_Multiplier	Carbon_Factor_Description	Carbon_Factor	Total_kgCO2e	Scope	Service	Reporting_Year
MBC 2	FALSE	Tier 1 contractor's Depot	15955.45476	15955.45476	Water	STD	Tier 1 contractor	litres	4683	0	[FHRG] Water, Water, Water supply	0.298	1395.534	Scope 3	Highways	2022
MBC 2	FALSE	Tier 1 contractor's Depot	15955.45476	15955.45476	Electricity	STD	Tier 1 contractor	kWh	52235	0	[BEIS] UK electricity, National grid	0.2748594	14357.28076	Scope 3	Highways	2022



Organisation Name	Reporting Year	Service	VPE Type	Fuel Type	Registration	Asset Reference	Short Description	Engine Size Litres	Make	Model	Weight	Carbon Factor Description	Unit Of Measure	Carbon Factor	Quantity	Total kgCO2e	Data Confidence
MBC 2	2022	Highways	HGV	Diesel								[BEIS] Fuels, Liquid fuels, Diesel ( litres		3.32754		0	75
MBC 2	2022	Highways	HGV	Diesel	ALL	All						[BEIS] Fuels, Liquid fuels, Liquid f litres		3.283461737		0	75
MBC 2	2022	Highways	HGV	Diesel		B planing plant	Wagons					[BEIS] Delivery vehicles & freight, miles		0.971603898		0	75
MBC 2	2022	Highways	HGV	Diesel		B plant	2axle 16 ton wagons					[BEIS] Delivery vehicles & freight, miles		1.811471416		0	75
MBC 2	2022	Highways	HGV	Diesel	CN18 VDR	Kaarbontech	Kaarbontech tanker/Jetter-Cyctical &Reactive Gulley M'tce	7.7	MERCEDES-BENZ			[BEIS] Delivery vehicles & freight, miles		0.971603898		0	75
MBC 2	2022	Highways	HGV	Diesel	PN70 CZV	Tier 1 contractor	Gritter	6.7	DAF TRUCKS			[BEIS] Delivery vehicles & freight, miles		0.971603898		0	75
MBC 2	2022	Highways	HGV	Diesel	VN68 RYH	Tier 1 contractor	Road Mender	7.7	DENNIS			[BEIS] Delivery vehicles & freight, miles		0.971603898		0	75
MBC 2	2022	Highways	HGV	Diesel	FP65 0HL	Tier 1 contractor	7.5 Tonne Tipper lory					[BEIS] Delivery vehicles & freight, miles		0.971603898		0	75
MBC 2	2022	Highways	HGV	Diesel	VN68 RUR	Tier 1 contractor	Tipper Lory	7.7	DENNIS			[BEIS] Delivery vehicles & freight, miles		0.971603898		0	75
MBC 2	2022	Highways	Plant	Biofuel			Static hotbox					[BEIS] Fuels, Liquid fuels, Liquid f litres		3.870314983	20000	77406.29965	50
MBC 2	2022	Highways	Plant	Diesel	MF21 CFJ	B	3CX-Compact	2.5	JCB			[BEIS] Delivery vehicles & freight, miles		1.811471416		0	75
MBC 2	2022	Highways	Plant	Diesel	FX71 AXW	B	Paver	6.7	VOGELE SUPER 1803-3I			[BEIS] Delivery vehicles & freight, miles		1.531939662		0	75
MBC 2	2022	Highways	Plant	Diesel	MF15 EEB	B laying plant	2CX-Streetmaster	4	JCB			[BEIS] Fuels, Liquid fuels, Liquid f litres		3.283461737		0	75
MBC 2	2022	Highways	Plant	Diesel	MX22 KMZ	B laying plant	BOMAG 135 Roller	2.2	BOMAG			[BEIS] Fuels, Liquid fuels, Liquid f litres		3.283461737		0	75
MBC 2	2022	Highways	Plant	Diesel	KX73 BXG	B laying plant	Dynamic Roller	3.6	DYNAPAC CS1400 VI			[BEIS] Fuels, Liquid fuels, Liquid f litres		3.283461737		0	75
MBC 2	2022	Highways	Plant	Diesel		B planing plant	2m-planer					[BEIS] Fuels, Liquid fuels, Liquid f litres		3.283461737		0	75
MBC 2	2022	Highways	Plant	Diesel		B planing plant	1m-planer					[BEIS] Fuels, Liquid fuels, Liquid f litres		3.283461737		0	75
MBC 2	2022	Highways	Plant	Diesel		B planing plant	350 planer					[BEIS] Fuels, Liquid fuels, Liquid f litres		3.283461737		0	75
MBC 2	2022	Highways	Plant	Diesel		B planing plant	Low loader					[BEIS] Fuels, Liquid fuels, Diesel ( litres		3.32754		0	75
MBC 2	2022	Highways	Plant	Diesel	V25 VPL	Velocity Patch	High pressure sprayed system-Pothole/Reactive m'tce	7.1	VOLVO			[BEIS] Delivery vehicles & freight, miles		0.971603898		0	75
MBC 2	2022	Highways	Plant	Diesel	V15 VPL	Velocity Patch	High pressure sprayed system-Pothole/Reactive m'tce	0.3	FODEN			[BEIS] Delivery vehicles & freight, miles		0.971603898		0	75
MBC 2	2022	Highways	Van	Diesel	MF19 KCE	B laying plant	Small Van(light goods	1.6	PEUGEOT			[BEIS] Delivery vehicles & freight, miles		0.463318985		0	75
MBC 2	2022	Highways	Van	Diesel	LA71 GDU	B laying plant	Small Van(light goods	1.5	FORD			[BEIS] Delivery vehicles & freight, miles		0.463318985		0	75
MBC 2	2022	Highways	Van	Diesel	LD22 TYB	B laying plant	Pick up truck	2	FORD			[BEIS] Delivery vehicles & freight, miles		0.463318985		0	75
MBC 2	2022	Highways	Van	Diesel	LG23 XTX	B laying plant	Crew plant	2	FORD			[BEIS] Delivery vehicles & freight, miles		0.463318985		0	75
MBC 2	2022	Highways	Van	Diesel	DN72 BUV	Tier 1 contractor	Pick-up truck(incl TM Gang)	2	FORD			[BEIS] Delivery vehicles & freight, miles		0.463318985		0	75

Organisation Name	Type	Category	Purchasing Function	Supplier	Short Description	Lifecycle Stages	Quantity	Measure	Data Summary	Carbon Factor	Total LrgCO2e	Data Confidence	Service	Reporting Year
MBC 2	Materials	Transportati	<Not Specified>	<Not Specified>	Transportation of material	A4	36996	miles	[BEIS] Delivery vehicles & freight, HGV (all diesel), All artics, 100% Laden (2023) [Ops+WTT+T&D]	2.077391416	76668.2076	50	Highways	2022
MBC 2	Plant	Transportati	<Not Specified>	<Not Specified>	Transportation of plant	A4	2061	miles	[BEIS] Delivery vehicles & freight, HGV (all diesel), All artics, 100% Laden (2023) [Ops+WTT+T&D]	2.077391416	4281.503709	50	Highways	2022
MBC 2	Waste	Transportati	<Not Specified>	<Not Specified>	Transportation of waste	C2	16556	miles	[BEIS] Delivery vehicles & freight, HGV (all diesel), All HGVs, Average laden (2023) [Ops+WTT+T&D]	1.743553439	28866.27073	50	Highways	2022
MBC 2	Landfill	Waste	<Not Specified>	<Not Specified>	B Operations planed off material	C1	26490	tonnes	[BEIS] Waste disposal, Asphalt, Construction, Asphalt, Landfill (2023) [Ops+WTT+T&D]	1.23401391	32689.02848	75	Highways	2022
MBC 2	Aggregate	Materials	<Not Specified>	<Not Specified>	Tier 1 contractor reactive m'tce, B Quarry planned m'tce, Minor imp'team projects&velocity patching options	B2	30342	tonnes	[NH] Aggregates, Granular material, Class 1 acceptable granular hardcore / filter material (2023) [kgCO2e Per Unit]	7.469645474	226643.983	50	Highways	2022
MBC 2	Asphalt	Materials	<Not Specified>	<Not Specified>	Tier 1 contractor reactive m'tce, B Quarry planned m'tce, Minor imp'team projects&velocity patching options	B2	518	tonnes	[ICE] Asphalt, General, 5% binder content (2023) [Modules A1-A3]	54.22774149	28089.97009	50	Highways	2022
MBC 2	Bitumen	Materials	<Not Specified>	<Not Specified>	Tier 1 contractor reactive m'tce, B Quarry planned m'tce, Minor imp'team projects&velocity patching options	B2	902	kg	[ICE] Bitumen, General, Bitumen emulsion (2023) [Modules A1-A3]	0.221666	199942.732	50	Highways	2022
MBC 2	Bitumen	Materials	<Not Specified>	<Not Specified>	Bitumen emulsion-Tier 1 contractor reactive m'tce, B Quarry planned m'tce, Minor imp'team projects&velocity patching options	B2	32945	kg	[ICE] Bitumen, General, Bitumen emulsion (2023) [Modules A1-A3]	0.221666	7302786.37	75	Highways	2022
MBC 2	Bricks & Bl	Materials	<Not Specified>	<Not Specified>	Clay Bricks & Blocks	B2	2	tonnes	[NH] Bricks & Blocks, Masonry Stone, Random rubble stone (for dry stone walls) (2023) [Modules A1-A3]	0.079	0.158	50	Highways	2022
MBC 2	Cast Iron	Materials	<Not Specified>	<Not Specified>	Cast Iron	B2	6.839	each	[FHRG] Ironwork, Bollards, Cast Iron Bollards (1,350mm X 227mm) (2023) [kgCO2e Per Unit]	84.825	580.118175	50	Highways	2022
MBC 2	Cement & M	Materials	<Not Specified>	<Not Specified>	Cement & Mortar	B2	11	kg	[ICE] Cement & Mortar, Cement, Average UK additions (2023) [Modules A1-A3]	0.8321104	9153.214396	75	Highways	2022
MBC 2	Concrete	Materials	<Not Specified>	<Not Specified>	Concrete	B2	80	tonnes	[FHRG] Concrete, Average, UK mix (2023) [Modules A1-A3]	103	8240	50	Highways	2022
MBC 2	Other	Materials	<Not Specified>	<Not Specified>	Kerbs	B2	83	kg	[ICE] Concrete, Paving (Blocks, Slabs, Channels and Kerbs), Precast concrete paving (Blocks, Slabs, Channels and Kerbs) (2023) [Total kgCO2e]	0.131104079	10.88163856	50	Highways	2022
MBC 2	Sand	Materials	<Not Specified>	<Not Specified>	Sand	B2	19.3	kg	[ICE] Aggregate Sand, General, Clay, bulk, loose (2023) [Modules A1-A3]	0.393208	7588.9144	50	Highways	2022
MBC 2	Steel	Materials	<Not Specified>	<Not Specified>	Steel	B2	1	kg	[ICE] Steel, General, Engineering steel (2023) [Modules A1-A3]	1.27	1270	50	Highways	2022
MBC 2	Other	Materials	<Not Specified>	<Not Specified>	Salt	B2	1081	tonnes	[NH] Bulk Materials, Winter Treatments, Road salt/grit (2022) [Modules A1-A3]	0.007	7.567	50	Highways	2022
MBC 2	Other	Transportati	<Not Specified>	<Not Specified>	Winter maintenance	B2	22400	km	[BEIS] Delivery vehicles & freight, HGV (all diesel), All artics, 50% Laden (2023) [Ops+WTT+T&D]	1.037147144	23232.09602	50	Highways	2022
MBC 2	Diesel	Combustati	<Not Specified>	<Not Specified>	Diesel-Fuels used by supply chain fleet and plant:- Comprises H'way & Minor Imp m'tce operations	N/A	46613	litres	[BEIS] Fuels, Liquid fuels, Liquid Diesel (100% mineral diesel) (2023) [Ops+WTT+T&D]	3.283461737	153052.0019	75	Highways	2022
MBC 2	Water	Water	<Not Specified>	<Not Specified>	Water	N/A	83	m3	[BEIS] Water, Water, Water supply (2023) [Ops+WTT+T&D]	0.176684547	14.66481737	75	Highways	2022
MBC 2	Specified	Other	<Not Specified>	<Not Specified>	Rectangular sign -450mm	N/A	13	each	[FHRG] Signage, Square aluminium sign, Composite Facing, 450mm x 450mm, 3mm thickness (2023) [kgCO2e Per Unit]	21.33457506	277.3494758	75	Highways	2022
MBC 2	Specified	Other	<Not Specified>	<Not Specified>	Street lights	N/A	282	each	[FHRG] Lighting & Electrical, Lighting column, 10m standard lighting column with internal copper cable - Aluminium with double outreach & 2 LED lanterns (2023) [kgCO2e Per Unit]	1175.8217	331581.7194	75	Highways	2022
MBC 2	Specified	Other	<Not Specified>	<Not Specified>	Lantern upgrades	N/A	11398	each	[FHRG] Lighting & Electrical, Luminaire, LED street lighting luminaire (2023) [kgCO2e Per Unit]	202.7	2310374.6	75	Highways	2022

Row Labels	Sum of Total_kgCO2e
<b>Aggregates</b>	<b>226643.983</b>
Materials	226643.983
<b>Asphalt</b>	<b>28089.97009</b>
Materials	28089.97009
<b>Bitumen</b>	<b>7502729.102</b>
Materials	7502729.102
<b>Bricks &amp; Blocks</b>	<b>0.158</b>
Materials	0.158
<b>Cast Iron</b>	<b>580.118175</b>
Materials	580.118175
<b>Cement &amp; Mortar</b>	<b>9153.214396</b>
Materials	9153.214396
<b>Concrete</b>	<b>8240</b>
Materials	8240
<b>Diesel</b>	<b>153052.0019</b>
Combusted Fuels	153052.0019
<b>Landfill</b>	<b>32689.02848</b>
Waste	32689.02848
<b>Materials</b>	<b>76668.2076</b>
Transportation	76668.2076
<b>Other</b>	<b>23250.54466</b>
Materials	18.44863856
Transportation	23232.09602
<b>Petrol</b>	<b>0</b>
Combusted Fuels	0
<b>Plant</b>	<b>4281.503709</b>
Transportation	4281.503709
<b>Sand</b>	<b>7588.9144</b>
Materials	7588.9144
<b>Specified</b>	<b>2642233.669</b>
Other	2642233.669
<b>Steel</b>	<b>1270</b>
Materials	1270
<b>Waste</b>	<b>28866.27073</b>
Transportation	28866.27073
<b>Water</b>	<b>14.66481737</b>
Water	14.66481737
<b>Grand Total</b>	<b>10745351.35</b>

