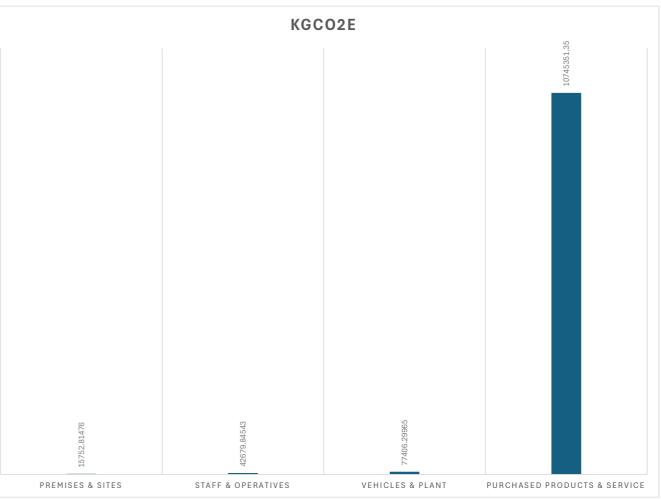
Category	KgCO2e
Premises & Sites	15752.8148
Staff & Operatives	42679.8454
Vehicles & Plant	77406.2997
Purchased Products & Service	10745351.4





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 Sc	ope Servic	e Reporting_Year
MBC 2	FALSE	Tier 1 contractor's Depot	15955.45476	15955.45476	Water	STD	Tier 1 contracto	litres	468	3	0 [FHRG] Water, Water, Water sup	0.298	1395.534 Sc	ope 3 Highw	ays 2022
MBC 2	FALSE	Tier 1 contractor's Depot	15955.45476	15955,45476	Electricity	STD	Tier 1 contracto	kWh	5223	5	0 [BEIS] UK electricity, National gr	0.2748594	14357,28076 Sc	ope 3 Highw	avs 2022

Service Organisation_Name	Reporting_Year Name_Or_Identifier	Primary_Function	Commuting_Miles Business_Ti	avel_Miles Commuting_Days Tot	al_Commuting_MIles Hon	ne_Working_Days	Fuel_Type	Measure_Travel	Travel_Darbon_Factor_Description Home_Working_Carbon_Factor_Description	Carbon_Factor_Home_Working	gCO2e_Home_Working Cart	on_Factor_Travel kg	CO2e_Commuting_Travel Kg	CO2e_Business_Travel
Highways MBC 2	2022 All staff(Tier 1 contractor)-49 staffs	All	10.019	33172 7901	79160.119	1755 Car	Diesel	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	4485.165506	0.340015663	26915.68035	11278.99958
Highways MBC 2	2022 Tier 1 contractor Assistant Quantity Surveyor	Major Schemes & Capital Programmes		101	0	Car	Diesel	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.340015663	0	0
Highways MBC 2	2022 Tier 1 contractor Contracts Manager	Major Schemes and capital programme		201	0	0 Car	Electric	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.106938063	0	0
Highways MBC 2	2022 Tier 1 contractor Office Technical Administrator	Major Schemes & Capital Programmes		201	0	0 Car	Petrol	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.337036972	0	0
Highways MBC 2	2022 Tier 1 contractor Operations Manager	Major Schemes and capital programme		151	0	Car	Electric	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.106938063	0	0
Highways MBC 2	2022 Tier 1 contractor Planned Works Manager	Major Schemes and capital programme		201	0	0 Car	Electric	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.106938063	0	0
Highways MBC 2	2022 Tier 1 contractor Quantity Surveyor	Major Schemes and Capital Programmes	0	101	0	Car	Electric	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.106938063	0	0
Highways MBC 2	2022 Tier 1 contractor Senior Operations Support Officer	Major Schemes & Capital Programmes		196	0	Car	Hybrid	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.241497501	0	0
Highways MBC 2	2022 Tier 1 contractor Site Operative(1)	Major Schemes and capital programme		201	0	0 Car	Diesel	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.340015663	0	0
Highways MBC 2	2022 Tier 1 contractor Site Operative(10)	Major Schemes and capital programme		201	0	0 Car	Diesel	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.340015663	0	0
Highways MBC 2	2022 Tier 1 contractor Site Operative(11)	Major Schemes and capital programme		201	0	0 Car	Petrol	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.337036972	0	0
Highways MBC 2	2022 Tier 1 contractor Site Operative(12)	Major Schemes and capital programme		201	0	0 Car	Diesel	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.340015663	0	0
Highways MBC 2	2022 Tier 1 contractor Site Operative(13)	Major Schemes and capital programme		201	0	0 Car	Diesel	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.340015663	0	0
Highways MBC 2	2022 Tier 1 contractor Site Operative(14)	Major Schemes and capital programme		201	0	0 Car	Petrol	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.337036972	0	0
Highways MBC 2	2022 Tier 1 contractor Site Operative(15)	Major Schemes and capital programme	0	201	0	0 Cycle	N/A		[BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0	0	0
Highways MBC 2	2022 Tier 1 contractor Site Operative(16)	Major Schemes and capital programme		201	0	0 Car	Petrol	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.337036972	0	0
Highways MBC 2	2022 Tier 1 contractor Site Operative(17)	Major Schemes and capital programme		201	0	0 Car	Diesel	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.340015663	0	0
Highways MBC 2	2022 Tier 1 contractor Site Operative(18)	Major Schemes and capital programme		201	0	0 Car	Diesel	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.340015663	0	0
Highways MBC 2	2022 Tier 1 contractor Site Operative(19)	Major Schemes and capital programme		201	0	0 Car	Diesel	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.340015663	0	0
Highways MBC 2	2022 Tier 1 contractor Site Operative(2)	Major Schemes and capital programme		201	0	0 Car	Diesel	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.340015663	0	0
Highways MBC 2	2022 Tier 1 contractor Site Operative(20)	Major Schemes and capital programme		201	0	0 Car	Diesel	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.340015663	0	0
Highways MBC 2	2022 Tier 1 contractor Site Operative(3)	Major Schemes and capital programme		201	0	0 Car	Diesel	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.340015663	0	0
Highways MBC 2	2022 Tier 1 contractor Site Operative(4)	Major Schemes and capital programme	0	201	0	0 Cycle	N/A		[BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0	0	0
Highways MBC 2	2022 Tier 1 contractor Site Operative(5)	Major Schemes and capital programme		201	0	0 Car	Diesel	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.340015663	0	0
Highways MBC 2	2022 Tier 1 contractor Site Operative(6)	Major Schemes and capital programme		201	0	0 Car	Electric	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.106938063	0	0
Highways MBC 2	2022 Tier 1 contractor Site Operative(7)	Major Schemes and capital programme		201	0	0 Car	Petrol	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.337036972	0	0
Highways MBC 2	2022 Tier 1 contractor Site Operative(8)	Major Schemes and capital programme		201	0	0 Car	Petrol	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.337036972	0	0
Highways MBC 2	2022 Tier 1 contractor Site Operative(9)	Major Schemes and capital programme		201	0	0 Car	Diesel	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.340015663	0	0
Highways MBC 2	2022 Tier 1 contractor Supervisor (3)	Major Schemes and capital programme		201	0	0 Car	Electric	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.106938063	0	0
Highways MBC 2	2022 Tier 1 contractor Supervisor(1)	Major Schemes and capital programme		201	0	0 Car	Diesel	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.340015663	0	0
Highways MBC 2	2022 Tier 1 contractor Supervisor(2)	Major Schemes and capital programme		196	0	Car	Electric	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.106938063	0	0
Highways MBC 2	2022 Tier 1 contractor System Planner/Co - Ordinator	Major Schemes & Capital Programmes		201	0	Car	Petrol	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.337036972	0	0
Highways MBC 2	2022 MBC 2 Engineer Assistant(NB)	Network Management		12	0	Car	Petrol	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.337036972	0	0
Highways MBC 2	2022 MBC 2 Highway Safety Inspector(1)	Safety, Risk & Care Inspections		207	0	0 Car	Diesel	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.340015663	0	0
Highways MBC 2	2022 MBC 2 Highway Safety Inspector(2)	Safety, Risk & Care Inspections		207	0	0 Car	Diesel	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.340015663	0	0
Highways MBC 2	2022 MBC 2 Highway Safety Inspector(3)	Safety, Risk & Care Inspections		181	0	Car	Petrol	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.337036972	0	0
Highways MBC 2	2022 MBC 2 Highway Safety Inspector(4)	Safety, Risk & Care Inspections		221	0	0 Car	Diesel	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.340015663	0	0
Highways MBC 2	2022 MBC 2 Principal Engineer(1)	Major Schemes and Capital Programmes		47	0	Van	Diesel	miles	[BEIS] Delivery vehicles & freight, Vans, A [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.463318985	0	0
Highways MBC 2	2022 MBC 2 Principal Engineer(2)	Drainage & flood risk management		155	0	0 Car	Petrol	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.337036972	0	0
Highways MBC 2	2022 MBC 2 Senior Engineer(1)	Planned Maintenance(Minor schemes)		100	0	Car	Diesel	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.340015663	0	0
Highways MBC 2	2022 MBC 2 Senior Engineer(2)	Network Management		22	0	Car	Petrol	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.337036972	0	0
Highways MBC 2	2022 MBC 2 Senior Highway Safety Inspector	Safety, Risk & Care Inspections		75	0	Car	Diesel	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2.555649861	0	0.340015663	0	0
Highways MBC 2	2022 MBC 2 Team leader	Network Management		40		Car	Diesel	miles	[BEIS] Commuting & Business Travel, Ca [BEIS] Home Office, Home Working, Combined, Per	2,555649861		0.340015663	0	

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, Diese	l (litres	3.32754		(7
MBC 2	2022 Highways HGV	Diesel	ALL	All						[BEIS] Fuels, Liquid fuels, Liquid	l [litres	3.283461737		(7
MBC 2	2022 Highways HGV	Diesel		B planing plant	Wagons					[BEIS] Delivery vehicles & freigh	t, miles	0.971603898		C	7
MBC 2	2022 Highways HGV	Diesel		B plant	2axle 16 ton wagons					[BEIS] Delivery vehicles & freigh	t, miles	1.811471416		C	7
MBC 2	2022 Highways HGV	Diesel	CN18 VDR	Kaarbontech	Kaarbontech tanker/Jetter-Cyclical &Reactive Gulley M'tce	7.	7 MERCEDI	ES-BENZ		[BEIS] Delivery vehicles & freigh	t, miles	0.971603898		C	7
MBC 2	2022 Highways HGV	Diesel	PN70 CZV	Tier 1 contractor	Gritter	6.7	7 DAFTRU	CKS		[BEIS] Delivery vehicles & freigh	t, miles	0.971603898		(7
MBC 2	2022 Highways HGV	Diesel	VN68 RYH	Tier 1 contractor	Road Mender	7.	7 DENNIS			[BEIS] Delivery vehicles & freigh	t, miles	0.971603898		(7
MBC 2	2022 Highways HGV	Diesel	FP65 0HL	Tier 1 contractor	7.5 Tonne Tipper lory					[BEIS] Delivery vehicles & freigh	t, miles	0.971603898		(7
MBC 2	2022 Highways HGV	Diesel	VN68 RUR	Tier 1 contractor	Tipper Lory	7.	7 DENNIS			[BEIS] Delivery vehicles & freigh	t, miles	0.971603898		C	7
MBC 2	2022 Highways Plant	Biofuel			Static hotbox					[BEIS] Fuels, Liquid fuels, Liquid	f F litres	3.870314983	20000	77406.29965	5
MBC 2	2022 Highways Plant	Diesel	MF21 CFJ	В	3CX-Compact	2.	5 JCB			[BEIS] Delivery vehicles & freigh	t, miles	1.811471416		C	7
MBC 2	2022 Highways Plant	Diesel	FX71 AXW	В	Paver	6.7	7 VOGELES	SUPER 18	303-31	[BEIS] Delivery vehicles & freigh	t, miles	1.531939662		C	7
MBC 2	2022 Highways Plant	Diesel	MF15 EEB	B laying plant	2CX-Streetmaster	4	4 JCB			[BEIS] Fuels, Liquid fuels, Liquid	l [litres	3.283461737		C	7
MBC 2	2022 Highways Plant	Diesel	MX22 KMZ	B laying plant	BOMAG 135 Roller	2.1	2 BOMAG			[BEIS] Fuels, Liquid fuels, Liquid	l [litres	3.283461737		C	7
MBC 2	2022 Highways Plant	Diesel	KX73 BXG	B laying plant	Dynamic Roller	3.0	6 DYNAPAC	C CS1400) VI	[BEIS] Fuels, Liquid fuels, Liquid	l [litres	3.283461737		C	7
MBC 2	2022 Highways Plant	Diesel		B planing plant	2m-planer					[BEIS] Fuels, Liquid fuels, Liquid	l [litres	3.283461737		C	7
MBC 2	2022 Highways Plant	Diesel		B planing plant	1m-planer					[BEIS] Fuels, Liquid fuels, Liquid	l [litres	3.283461737		C	7
MBC 2	2022 Highways Plant	Diesel		B planing plant	350 planer					[BEIS] Fuels, Liquid fuels, Liquid	l [litres	3.283461737		C	7
MBC 2	2022 Highways Plant	Diesel		B planing plant	Low loader					[BEIS] Fuels, Liquid fuels, Diese	l (litres	3.32754		C	7
MBC 2	2022 Highways Plant	Diesel	V25 VPL	Velocity Patch	High pressure sprayed system-Pothole/Reactive m'tce	7.:	1 VOLVO			[BEIS] Delivery vehicles & freigh	t, miles	0.971603898		(7
MBC 2	2022 Highways Plant	Diesel	V15 VPL	Velocity Patch	High pressure sprayed system-Pothole/Reactive m'tce	0.3	3 FODEN			[BEIS] Delivery vehicles & freigh	t, miles	0.971603898		C	7
MBC 2	2022 Highways Van	Diesel	MF19 KCE	B laying plant	Small Van(light goods	1.6	6 PEUGEOT	T		[BEIS] Delivery vehicles & freigh	t, miles	0.463318985		C	7
MBC 2	2022 Highways Van	Diesel	LA71 GDU	B laying plant	Small Van(light goods	1.5	5 FORD			[BEIS] Delivery vehicles & freigh	t, miles	0.463318985		(7
MBC 2	2022 Highways Van	Diesel	LD22 TYB	B laying plant	Pick up truck		2 FORD			[BEIS] Delivery vehicles & freigh	t, miles	0.463318985		C	7
MBC 2	2022 Highways Van	Diesel	LG23 XTX	B laying plant	Crew plant		2 FORD			[BEIS] Delivery vehicles & freigh	t, miles	0.463318985		(7
MBC 2	2022 Highways Van	Diesel	DN72 BUV	Tier 1 contractor	Pick-up truck(incl TM Gang)		2 FORD			[BEIS] Delivery vehicles & freigh	t, miles	0.463318985		(7

Organisation Name	Type Category Purchasing Function	Supplier	Short Description	Lifecycle Stages	Ouantity Measure	Data Summary	Carbon Factor	Total kgCO2e Data C	Confidence Service R	Reporting Year
MBC 2	Materials Transportatic < Not Specified>		> Transportation of material	A4	36906 miles	[BEIS] Delivery vehicles & freight, HGV (all diesel), All artics, 100% Laden {2023} {Ops+WTT+T&D}	2.077391416		50 Highways	2022
MBC 2	Plant Transportatic < Not Specified>	<not specified=""></not>	> 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 Transportatic < Not Specified>	<not specified=""></not>	> 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>	<not specified<="" td=""><td>> B Operations planed off material</td><td>C1</td><td>26490 tonnes</td><td>[BEIS] Waste disposal, Asphalt, Construction, Asphalt, Landfill {2023}{Ops+WTT+T&D}</td><td>1.23401391</td><td>32689.02848</td><td>75 Highways</td><td>2022</td></not>	> 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>	<not specified=""></not>	> 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>	<not specified=""></not>	 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>	<not specified<="" td=""><td> Tier 1 contractor reactive m'tce, B Quarry planned m'tce, Minor imp'team projects&velocity patching options </td><td>B2</td><td>902 kg</td><td>[ICE] Bitumen, General, Bitumen emulsion {2023} {Modules A1-A3}</td><td>0.221666</td><td>199942.732</td><td>50 Highways</td><td>2022</td></not>	 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>	<not specified=""></not>	 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 & BI Materials <not specified=""></not>	<not specified=""></not>	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>	<not specified<="" td=""><td>> Cast Iron</td><td>B2</td><td>6.839 each</td><td>[FHRG] Ironwork, Bollards, Cast Iron Bollards (1,350mm X 227mm) {2023} {kgCO2e Per Unit}</td><td>84.825</td><td>580.118175</td><td>50 Highways</td><td>2022</td></not>	> 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 & Materials <not specified=""></not>	<not specified=""></not>	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>	<not specified<="" td=""><td>> Concrete</td><td>B2</td><td>80 tonnes</td><td>[FHRG] Concrete, Average, UK mix (2023) {Modules A1-A3}</td><td>103</td><td>8240</td><td>50 Highways</td><td>2022</td></not>	> 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>	<not specified<="" td=""><td>> Kerbs</td><td>B2</td><td>83 kg</td><td>[ICE] Concrete, Paving (Blocks, Slabs, Channels and Kerbs), Precast concrete paving (Blocks, Slabs, Channels and Kerbs) {2023} {Total kgCO2e}</td><td>0.131104079</td><td>10.88163856</td><td>50 Highways</td><td>2022</td></not>	> 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>	<not specified=""></not>	> 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>	<not specified<="" td=""><td>> Steel</td><td>B2</td><td>1 kg</td><td>[ICE] Steel, General, Engineering steel (2023) (Modules A1-A3)</td><td>1.27</td><td>1270</td><td>50 Highways</td><td>2022</td></not>	> 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>	<not specified:<="" td=""><td>> Salt</td><td>B2</td><td>1081 tonnes</td><td>[NH] Bulk Materials, Winter Treatments, Road salt/grit {2022} {Modules A1-A3}</td><td>0.007</td><td>7.567</td><td>50 Highways</td><td>2022</td></not>	> 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 Transportatic < Not Specified>	<not specified=""></not>	> 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 Combusted <not specified=""></not>	<not specified=""></not>	 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>	<not specified<="" td=""><td>> Water</td><td>N/A</td><td>83 m3</td><td>[BEIS] Water, Water, Water supply {2023} {Ops+WTT+T&D}</td><td>0.176684547</td><td>14.66481737</td><td>75 Highways</td><td>2022</td></not>	> 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>	<not specified=""></not>	> 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>	<not specified<="" td=""><td>> Street lights</td><td>N/A</td><td>282 each</td><td>[FHRG] Lighting & Electrical, Lighting column, 10m standard lighting column with internal copper cable - Aluminium with double outreach & 2 LED lanterns {2023} {kgC02e Per Unit}</td><td>1175.8217</td><td>331581.7194</td><td>75 Highways</td><td>2022</td></not>	> 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} {kgC02e Per Unit}	1175.8217	331581.7194	75 Highways	2022
MBC 2	Specified Other <not specified=""></not>	<not specified<="" td=""><td>> Lantern upgrades</td><td>N/A</td><td>11398 each</td><td>[FHRG] Lighting & Electrical, Luminaire, LED street lighting luminaire (2023) {kgCO2e Per Unit}</td><td>202.7</td><td>2310374.6</td><td>75 Highways</td><td>2022</td></not>	> 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						
Aggregates	226643.983						
Materials	226643.983						
Asphalt	28089.97009						
Materials	28089.97009						
Bitumen	7502729.102						
Materials	7502729.102						
Bricks & Blocks	0.158						
Materials	0.158						
Cast Iron	580.118175						
Materials	580.118175						
Cement & Mortar	9153.214396						
Materials	9153.214396						
Concrete	8240						
Materials	8240						
Diesel	153052.0019						
Combusted Fuels	153052.0019						
Landfill	32689.02848						
Waste	32689.02848						
Materials	76668.2076						
Transportation	76668.2076						
Other	23250.54466						
Materials	18.44863856						
Transportation	23232.09602						
Petrol	0						
Combusted Fuels	0						
Plant	4281.503709						
Transportation	4281.503709						
Sand	7588.9144						
Materials	7588.9144						
Specified	2642233.669						
Other	2642233.669						
Steel	1270						
Materials	1270						
Waste	28866.27073						
Transportation	28866.27073						
Water	14.66481737						
Water	14.66481737						
Grand Total	10745351.35						

