

## Public Bodies Climate Change Duties Compliance Reporting Academic Year Template 2023/24

### 1. Overview

This template is provided for public bodies required to report annually in accordance with the Climate Change (Duties of Public Bodies: Reporting Requirements) (Scotland) Order 2015, as amended by the Climate Change (Duties of Public Bodies: Reporting Requirements) (Scotland) Amendment Order 2020 which took effect for reporting periods commencing on or after 1 April 2021.

Reports must be submitted to [ccreporting@ed.ac.uk](mailto:ccreporting@ed.ac.uk) by 30th November. Late submissions will not be accepted for analysis and may be deemed non-compliant with Public Bodies Duties reporting requirements.

### 2. Guidance

1. Please **do not delete any cells, rows or columns**. This may corrupt the template/data and compromise analysis. You can hide any extra rows within tables.
2. Please complete the new "Boundary Info" tab. This will enable improved assessment of data coverage and inform SSN analysis.
3. The "Profile of Body" tab must be completed before proceeding to add any other data.
4. To ensure that the correct emission factors are applied please ensure that you are using the correct template for the reporting year type under Q1f. If your organisation reports according to the academic year, usually August to July, you must use the Academic Year template.
5. If you need to add more rows in any table please email the file to [ccreporting@ed.ac.uk](mailto:ccreporting@ed.ac.uk)
6. In Q3b emissions sources can be filtered by type in Column C. The list of available factors is visible on the Emission Factors tab. Please do not edit this list, use "other" if an EF is not available.
7. Only use the "other" rows when there is no relevant emission source available in the dropdown list or if you have bespoke data/emission factors. Please provide a brief explanation in the comment.
8. Water supply and treatment (sewage) emission factors are based on Scottish Water's carbon intensities for service supply. If you wish to use UK factors you need to enter manually in an "Other" row.
9. More detailed guidance is available on the SSN website

### 3. Colour Coding used in the template

	Dropdown box - select from list of options
	Uneditable/fixd entry cell
	Editable cell



## Public Bodies Climate Change Duties Compliance Reporting Template 2023/24 AY

Please answer all questions below with respect to the public body's reporting boundary for the reporting period. The information is intended to improve data coverage and inform analysis, in particular, to help identify data gaps. There are 3 response options:

- YES - where data is available and is reported
- NA - where a category is relevant but no data is available
- NO - the category is not relevant

Any points of clarification can be added in the comments field for the corresponding emission source(s) in Table 3b on the Emissions tab.

Category		Select from dropdown list
Owned estate	Are any buildings owned by the public body?	Yes
Managed services	Are building services managed on behalf of another public body that shares or leases space?	No
Leased premises - public	Are building services managed and provided by another public body?	NA
Leased premises - private	Are building services managed and provided by a private landlord?	NA
Streetlighting	Are streetlights owned or operated?	No
Fleet and equipment	Are any vehicles or fossil-fueled machinery or equipment owned or leased, excludes short-term or infrequent hires?	Yes
Refrigerants/F-gases	Are there any air conditioning or refrigeration systems that require refrigerant gas top-ups?	No
Medical gases	Are medical gases used?	No
Business travel - private	Do staff undertake business travel by private car?	Yes
Business travel - flights	Do staff undertake any business travel by plane?	Yes
Homeworking	Do staff work from home - including hybrid?	Yes
Supply chain	Are any goods or services purchased?	Yes
Land use	Are more than 10 hectares of land owned or managed for public services provision, including for research or recreation?	Yes
Waste services	Is the public body responsible for collecting household or municipal waste?	No







<p> <input type="checkbox"/> <b>Public Information</b>            This information is available to the public under the Freedom of Information Act (5 U.S.C. 552).         </p>	
<p> <input type="checkbox"/> <b>Internal Use Only</b>            This information is intended for internal use only and is not to be disseminated outside the organization.         </p>	
<p> <input type="checkbox"/> <b>Confidential</b>            This information is confidential and its disclosure could cause damage to the national defense, the economy, or the public interest.         </p>	
<p> <input type="checkbox"/> <b>Other</b>            This information is classified as <b>Other</b>.         </p>	

The following information is available to the public under the Freedom of Information Act (5 U.S.C. 552):

**Public Action Report on Compliance with Climate Change Action 2020's Transition**

**Section 1: Overview of the Report and the Climate Change Action 2020's Transition**

**1.1. Introduction**

The Climate Change Action 2020's Transition (CCAT) is a comprehensive plan for reducing greenhouse gas emissions and addressing climate change. It is a key component of the Government's commitment to the Paris Agreement and the Sustainable Development Goals. This report provides an overview of the CCAT's objectives, key actions, and progress to date.

**1.2. Objectives and Key Actions**

The CCAT has three main objectives: to reduce greenhouse gas emissions by 50% by 2030, to increase the share of renewable energy to 30% by 2030, and to increase energy efficiency by 30% by 2030. Key actions include: increasing investment in renewable energy, improving energy efficiency in buildings and industry, and increasing public transport and active travel.

**1.3. Progress to Date**

Significant progress has been made in meeting the CCAT's objectives. Renewable energy investment has increased by 50% since 2015, energy efficiency in buildings has improved by 20%, and public transport and active travel has increased by 15%. However, more work is needed to meet the CCAT's targets by 2030.

**1.4. Challenges and Opportunities**

Key challenges include: increasing investment in renewable energy, improving energy efficiency in buildings and industry, and increasing public transport and active travel. Opportunities include: increasing investment in renewable energy, improving energy efficiency in buildings and industry, and increasing public transport and active travel.

**1.5. Conclusion**

The CCAT is a comprehensive plan for reducing greenhouse gas emissions and addressing climate change. It is a key component of the Government's commitment to the Paris Agreement and the Sustainable Development Goals. This report provides an overview of the CCAT's objectives, key actions, and progress to date.

**1.6. Appendix**

The Appendix contains the following information: a list of key actions, a list of key metrics, and a list of key stakeholders.

**1.7. References**

The following references were used in the preparation of this report: the Climate Change Act 2009, the Paris Agreement, the Sustainable Development Goals, and the CCAT itself.

**1.8. Contact Information**

For more information, please contact the Climate Change Commission at [www.ccc.govt.nz](http://www.ccc.govt.nz).

**1.9. Acknowledgements**

We would like to thank the following organizations for their support in the preparation of this report: the Ministry of the Environment, the Ministry of Business, Enterprise and Innovation, and the Ministry of Transport.

**1.10. Disclaimer**

This report is intended as a general overview of the CCAT and does not constitute a legal or financial recommendation. It is not intended to be used as a basis for investment decisions.

**1.11. Glossary**

The following terms are used in this report: greenhouse gas emissions, renewable energy, energy efficiency, public transport, and active travel.

**1.12. Index**

The Index is located at the end of the report and provides a quick reference to the various sections.

**1.13. Summary**

The CCAT is a comprehensive plan for reducing greenhouse gas emissions and addressing climate change. It is a key component of the Government's commitment to the Paris Agreement and the Sustainable Development Goals. This report provides an overview of the CCAT's objectives, key actions, and progress to date.

**1.14. Conclusion**

The CCAT is a comprehensive plan for reducing greenhouse gas emissions and addressing climate change. It is a key component of the Government's commitment to the Paris Agreement and the Sustainable Development Goals. This report provides an overview of the CCAT's objectives, key actions, and progress to date.

**1.15. Appendix**

The Appendix contains the following information: a list of key actions, a list of key metrics, and a list of key stakeholders.

**1.16. References**

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**Part 1: Information and Disclosure**

**1.1. Information and Disclosure**  
Provide information on the organization's climate change strategy, including the organization's climate change policy, climate change risk assessment, and climate change action plan. This information should be provided in accordance with the requirements of the Climate Change Section 2009 Amendment.

**1.2. Information and Disclosure**  
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**1.4. Information and Disclosure**  
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Item	Response
1.1	
1.2	
1.3	
1.4	

[View Report](#)

Recommended Reporting: Reporting on Wider Influence

Wider impact and influence on BBE emissions

Q3 Historic Emissions (Local Authorities Only)

Please indicate emissions amounts and unit of measurement for each of the 12 years... Please provide information on the following emissions data from the following sources: Please use 12 in the default units (tonnes and tonnes CO2e).

Table with 14 columns: Sector, Year (2011-2022), Units, Comments. Includes rows for 'Other Sectors' and '12000 Tonne (6000 CO2e)'.

Table with 10 columns: Sector, Description, Type of Target (2015), Baseline value, Start year, Target, Target/End year, Ending in 2015 (or alternative), Latest Year Worksheet, Comments.

Glasgow School of Art (GSA) has been an environmental champion, setting, plans or public building inclusion in influence emissions beyond your corporate footprint? If please detail this in the box below.

Table with 14 columns: Sector, Start year for publication implementation, Year that the publications will be fully implemented, Annual CO2e saving from fully implemented (tCO2e), Latest Year Worksheet, Ending in 2015 (or alternative), Status, Media/Publication for monitoring progress, Delivery Date, The programme/Policy Design and Implementation, Has it or an equivalent Target/Change had been used?, Please give further details of the behaviour change activity, Value of Investment (£), Ongoing Costs (£ per year), Primary Funding Source for implementation of Publication, Comments.

Q4 Partnership Working, Communications and Capacity Building

Table with 10 columns: Key Action Type, Organisation, Description, Engagement, Representative problem area, Lead Organisation of the activity, Activity Name, Public Status, Delivery Date, Impact, Comments.

Q5 Wider Building Expenditure Activity

Q5a Please detail any activity relating to build and fit-out, refurbishment, major renovation and resources via the table below.

Table with 5 columns: Key Action Type, Key Action Description, Organisation/Project Name, Impact, Comments.

Q5c Please use the box below to detail further climate change related activity that is not listed elsewhere within this reporting template.

## Factors by Category

Category				UOM	GHG Conversion Factor 2023 (kgCO <sub>2</sub> e/unit)	GHG Conversion Factor 2024 (kgCO <sub>2</sub> e/unit)
Scope	Level 1	Level 2	Level 3			
Scope 1	Bioenergy	Biogas	Biogas	kWh	0.00022	0.00023
Scope 1	Bioenergy	Biogas	Biogas	tonnes	1.23595	1.26431
Scope 1	Bioenergy	Biogas	Landfill gas	kWh	0.0002	0.00020
Scope 1	Bioenergy	Biomass	Wood chips	kWh	0.01074	0.01132
Scope 1	Bioenergy	Biomass	Wood chips	tonnes	40.58114	42.76487
Scope 1	Bioenergy	Biomass	Wood pellets	kWh	0.01074	0.01132
Scope 1	Bioenergy	Biomass	Wood pellets	tonnes	51.56192	54.33654
Scope 1	Fuels	Liquid fuels	Aviation spirit	kWh	0.24382	0.24382
Scope 1	Fuels	Liquid fuels	Aviation spirit	litres	2.33116	2.33116
Scope 1	Fuels	Liquid fuels	Aviation turbine fuel	kWh	0.24758	0.24758
Scope 1	Fuels	Liquid fuels	Aviation turbine fuel	litres	2.54269	2.54269
Scope 1	Fuels	Liquid fuels	Burning oil (Kerosene)	kWh	0.24677	0.24677
Scope 1	Fuels	Liquid fuels	Burning oil (Kerosene)	litres	2.54016	2.54015
Scope 1	Fuels	Liquid fuels	Burning oil (Kerosene)	tonnes	3165.04181	3165.04181
Scope 1	Fuels	Solid fuels	Coal (industrial)	tonnes	2396.47994	2399.43994
Scope 1	Fuels	Liquid fuels	Diesel (100% mineral diesel)	litres	2.65937	2.66155
Scope 1	Fuels	Liquid fuels	Diesel (average biofuel blend)	litres	2.51206	2.51279
Scope 1	Fuels	Liquid fuels	Fuel oil	kWh	0.26813	0.26814
Scope 1	Fuels	Liquid fuels	Fuel oil	litres	3.17492	3.17493
Scope 1	Fuels	Liquid fuels	Fuel oil	tonnes	3228.89019	3228.89019
Scope 1	Fuels	Liquid fuels	Gas oil	kWh	0.2565	0.25649
Scope 1	Fuels	Liquid fuels	Gas oil	litres	2.75541	2.75541
Scope 1	Fuels	Liquid fuels	Gas oil	tonnes	3226.57859	3226.57859
Scope 1	Fuels	Gaseous fuels	LPG	kWh	0.21450	0.21450
Scope 1	Fuels	Gaseous fuels	LPG	litres	1.55713	1.55713
Scope 1	Fuels	Liquid fuels	Marine fuel oil	litres	3.10202	3.10202
Scope 1	Fuels	Liquid fuels	Marine gas oil	litres	2.77139	2.77139
Scope 1	Fuels	Gaseous fuels	Natural gas	kWh	0.18293	0.18290
Scope 1	Fuels	Liquid fuels	Petrol (100% mineral petrol)	litres	2.34503	2.35372
Scope 1	Fuels	Liquid fuels	Petrol (average biofuel blend)	litres	2.09747	2.08440
Scope 1	Fuels	Gaseous fuels	Propane	kWh	0.2141	0.21411
Scope 1	Fuels	Gaseous fuels	Propane	litres	1.54358	1.54357
Scope 1	Fuels	Liquid fuels	Waste oils	kWh	0.25641	0.25641
Scope 1	Fuels	Liquid fuels	Waste oils	litres	2.74924	2.74923
Scope 1	Fuels	Liquid fuels	Waste oils	tonnes	3219.37916	3219.37916
Scope 1	Medical gas (Process)	Other products	Desflurane	kg	2540	2540
Scope 1	Medical gas (Process)	Other products	Sevoflurane	kg	130	130
Scope 1	Medical gas (Process)	Other products	Isoflurane	kg	510	510
Scope 1	Medical gas (Process)	Other products	Anaesthetic Nitrous Oxide	kg	298	298
Scope 1	Refrigerants	Other products	HFC-134a	kg	1300	1300
Scope 1	Refrigerants	Other products	HFC-32	kg	677	677.00000
Scope 1	Refrigerants	Blends	R404A	kg	3943	3943.00000
Scope 1	Refrigerants	Blends	R407C	kg	1624	1624.00000
Scope 1	Refrigerants	Blends	R410A	kg	1924	1924.00000
Scope 1	Refrigerants	Blends	R422D	kg	2473	2473.00000
Scope 1	Refrigerants	Blends	R422E	kg	2350	2350.00000
Scope 1	Refrigerants	Blends	R423A	kg	2274	2274.00000
Scope 1	Refrigerants	Blends	R424A	kg	2212	2212.00000
Scope 1	Refrigerants	Blends	R425A	kg	1431	1431.00000
Scope 1	Refrigerants	Blends	R426A	kg	1371	1371.00000
Scope 1	Refrigerants	Blends	R427A	kg	2024	2024.00000
Scope 1	Refrigerants	Blends	R428A	kg	3417	3417.00000
Scope 1	Refrigerants	Blends	R429A	kg	13.8	15.30000
Scope 1	Refrigerants	Blends	R430A	kg	106	106.00000
Scope 1	Refrigerants	Blends	R431A	kg	40	40.00000
Scope 1	Refrigerants	Blends	R432A	kg	1.8	1.8
Scope 1	Refrigerants	Blends	R433A	kg	0.64	0.64
Scope 1	Refrigerants	Blends	R433B	kg	0.16	0.16
Scope 1	Refrigerants	Blends	R433C	kg	0.55	0.55
Scope 1	Refrigerants	Blends	R434A	kg	3075	3076.00000
Scope 1	Refrigerants	Blends	R435A	kg	28.4	28.40000
Scope 1	Refrigerants	Blends	R436A	kg	1.35	1.35
Scope 1	Refrigerants	Blends	R436B	kg	1.47	1.47
Scope 1	Refrigerants	Blends	R437A	kg	1639	1639.00000
Scope 1	Refrigerants	Blends	R438A	kg	2059	2059.00000
Scope 1	Refrigerants	Blends	R439A	kg	1828	1828.00000
Scope 1	Refrigerants	Blends	R440A	kg	156	156.00000
Scope 1	Refrigerants	Blends	R441A	kg	0.23	0.23
Scope 1	Refrigerants	Blends	R442A	kg	1754	1754.00000
Scope 1	Refrigerants	Blends	R443A	kg	1	1
Scope 1	Refrigerants	Blends	R444A	kg	89	89.00000
Scope 1	Refrigerants	Blends	R445A	kg	118	118.00000
Scope 1	Refrigerants	Blends	R500	kg	7564	7564.00000
Scope 1	Refrigerants	Blends	R501	kg	3870	3870
Scope 1	Refrigerants	Blends	R502	kg	4786	4786
Scope 1	Refrigerants	Blends	R503	kg	13299	13299
Scope 1	Refrigerants	Blends	R504	kg	4299	4299
Scope 1	Refrigerants	Blends	R505	kg	7956	7956
Scope 1	Refrigerants	Blends	R506	kg	3857	3857
Scope 1	Refrigerants	Blends	R507A	kg	3985	3985.00000
Scope 1	Refrigerants	Blends	R508A	kg	11607	11607.00000
Scope 1	Refrigerants	Blends	R508B	kg	11698	11698.00000
Scope 1	Refrigerants	Blends	R509A	kg	5758	5758.00000
Scope 1	Refrigerants	Blends	R510A	kg	1.24	1.24
Scope 1	Refrigerants	Blends	R511A	kg	7	7.00000
Scope 1	Refrigerants	Blends	R512A	kg	196	196.00000
Scope 1	Refrigerants	Other products	R600 = butane	kg	0.006	0.006
Scope 1	Refrigerants	Other products	R600A = isobutane	kg	3	3
Scope 1	Refrigerants	Other products	R601 = pentane	kg	5	5
Scope 1	Refrigerants	Other products	R601A = isopentane	kg	5	5
Scope 2	Heat and steam	Heat and steam	District heat and steam	kWh	0.17965	0.17965
Scope 2	Heat and steam	Heat and steam	Onsite heat and steam	kWh	0.17965	0.17965
Scope 2	Electricity	Electricity generated	Electricity: UK	kWh	0.20707	0.20705
Scope 2	Renewables	Renewable Elec Purchase Direct Supply	Renewable Elec Purchase Direct Supply	kWh	0	0
Scope 2	Renewables	Renewable Heat Purchase Direct Supply	Renewable Heat Purchase Direct Supply	kWh	0	0
Scope 2&3	Transport - car	Cars (by size)	Average business travel car - Battery Electric Vehicle	km	0.05480	0.04745
Scope 2&3	Transport - car	Cars (by size)	Average business travel car - Battery Electric Vehicle	miles	0.08819	0.07636
Scope 2&3	Transport - car	Cars (by size)	Average business travel car - Plug-in Hybrid Electric Vehicle	km	0.09392	0.10853
Scope 2&3	Transport - car	Cars (by size)	Average business travel car - Plug-in Hybrid Electric Vehicle	miles	0.15113	0.17465
Scope 3	Electricity	T&D- UK electricity	Transmission and distribution - Electricity: UK	kWh	0.01792	0.01830
Scope 3	Heat and steam	Heat and steam	Transmission and distribution - district heat & steam, 5% loss	kWh	0.00945	0.00946
Scope 3	Homeworking	Homeworking (office equipment + heating)	Homeworking (office equipment + heating)	FTE Working Hour	0.33378	0.33378
Scope 3	Hotel stay	Hotel stay	Hotel stay - UK	Room per night	10.4	10.40000
Scope 3	Hotel stay	Hotel stay	Hotel stay - UK (London)	Room per night	11.5	11.50000
Scope 3	Material use	Construction	Aggregates - Primary material production	tonnes	7.75138	7.75127
Scope 3	Material use	Construction	Aggregates - Recycled source	tonnes	3.19491	3.19485
Scope 3	Material use	Construction	Aggregates - Re-used	tonnes	2.21	2.21000

Scope 3	Material use	Construction	Asphalt - Primary material production	tonnes	39.21249	39.21249
Scope 3	Material use	Construction	Asphalt - Recycled source	tonnes	28.65491	28.65485
Scope 3	Material use	Construction	Asphalt - Re-used	tonnes	1.73826	1.73826
Scope 3	Material use	Construction	Average construction - Primary material production	tonnes	80.21282	74.88652
Scope 3	Material use	Electrical items	Batteries - Alkaline - Primary material production	tonnes	4633.47826	4633.47826
Scope 3	Material use	Electrical items	Batteries - Li ion - Primary material production	tonnes	6308	6308.00000
Scope 3	Material use	Electrical items	Batteries - NiMH - Primary material production	tonnes	28380	28380.00000
Scope 3	Material use	Construction	Bricks - Primary material production	tonnes	241.75138	241.75127
Scope 3	Material use	Other	Clothing - Primary material production	tonnes	22310	22310.00000
Scope 3	Material use	Other	Clothing - Re-used	tonnes	152.25	152.25000
Scope 3	Material use	Organic	Compost derived from food and garden waste - Primary material production	tonnes	114.83405	114.83347
Scope 3	Material use	Organic	Compost derived from garden waste - Primary material production	tonnes	112.01742	112.01684
Scope 3	Material use	Construction	Concrete - Primary material production	tonnes	131.75138	118.75127
Scope 3	Material use	Construction	Concrete - Recycled source	tonnes	3.19491	3.19485
Scope 3	Material use	Electrical items	Electrical items - fridges and freezers - Primary material production	tonnes	4363.33333	4363.33333
Scope 3	Material use	Electrical items	Electrical items - IT - Primary material production	tonnes	24865.47556	24865.47556
Scope 3	Material use	Electrical items	Electrical items - large - Primary material production	tonnes	3267	3267.00000
Scope 3	Material use	Electrical items	Electrical items - small - Primary material production	tonnes	5647.94563	5647.94563
Scope 3	Material use	Other	Food and drink - Primary material production	tonnes	3701.40359	3701.40359
Scope 3	Material use	Other	Glass - Primary material production	tonnes	1402.76667	1402.76667
Scope 3	Material use	Other	Glass - Recycled source	tonnes	823.18954	823.18954
Scope 3	Material use	Construction	Insulation - Primary material production	tonnes	1861.75138	1861.75127
Scope 3	Material use	Construction	Insulation - Recycled source	tonnes	1852.08125	1852.08114
Scope 3	Material use	Metal	Metal: aluminium cans and foil (excl. forming) - Primary material production	tonnes	9108.72731	9106.91851
Scope 3	Material use	Metal	Metal: aluminium cans and foil (excl. forming) - Recycled source	tonnes	990.4781	990.47810
Scope 3	Material use	Metal	Metal: mixed cans - Primary material production	tonnes	5254.64731	5105.63851
Scope 3	Material use	Metal	Metal: mixed cans - Recycled source	tonnes	1461.67759	1461.67759
Scope 3	Material use	Metal	Metal: scrap metal - Primary material production	tonnes	3669.43615	3464.56448
Scope 3	Material use	Metal	Metal: scrap metal - Recycled source	tonnes	1620.27606	1620.27606
Scope 3	Material use	Metal	Metal: steel cans - Primary material production	tonnes	3086.72731	2854.91851
Scope 3	Material use	Metal	Metal: steel cans - Recycled source	tonnes	1726.72731	1726.72731
Scope 3	Material use	Construction	Metals - Primary material production	tonnes	4005.13777	3815.78473
Scope 3	Material use	Construction	Metals - Recycled source	tonnes	1558.94894	1630.78661
Scope 3	Material use	Construction	Mineral oil - Primary material production	tonnes	1401	1401.00000
Scope 3	Material use	Construction	Mineral oil - Recycled source	tonnes	676	676.00000
Scope 3	Material use	Paper	Paper and board: board - Primary material production	tonnes	801.52177	1193.96586
Scope 3	Material use	Paper	Paper and board: board - Recycled source	tonnes	699.88184	1092.35486
Scope 3	Material use	Paper	Paper and board: mixed - Primary material production	tonnes	868.06994	1282.74402
Scope 3	Material use	Paper	Paper and board: mixed - Recycled source	tonnes	718.56937	1063.01519
Scope 3	Material use	Paper	Paper and board: paper - Primary material production	tonnes	910.4781	1339.31834
Scope 3	Material use	Paper	Paper and board: paper - Recycled source	tonnes	730.4781	1044.31834
Scope 3	Material use	Construction	Plasterboard - Primary material production	tonnes	120.05	120.05000
Scope 3	Material use	Construction	Plasterboard - Recycled source	tonnes	32.17	32.17000
Scope 3	Material use	Plastic	Plastics: average plastic film - Primary material production	tonnes	2560.25566	2910.46529
Scope 3	Material use	Plastic	Plastics: average plastic film - Recycled source	tonnes	1890.70135	1094.58257
Scope 3	Material use	Plastic	Plastics: average plastic rigid - Primary material production	tonnes	3263.92202	3354.30837
Scope 3	Material use	Plastic	Plastics: average plastic rigid - Recycled source	tonnes	2744.09248	1906.70384
Scope 3	Material use	Plastic	Plastics: average plastics - Primary material production	tonnes	3102.44851	3164.78049
Scope 3	Material use	Plastic	Plastics: average plastics - Recycled source	tonnes	2322.22425	1566.38638
Scope 3	Material use	Plastic	Plastics: HDPE (incl. forming) - Primary material production	tonnes	3255.9238	3086.39038
Scope 3	Material use	Plastic	Plastics: HDPE (incl. forming) - Recycled source	tonnes	2346.68907	1761.80819
Scope 3	Material use	Plastic	Plastics: LDPE and LLDPE (incl. forming) - Primary material production	tonnes	2586.72731	2959.31834
Scope 3	Material use	Plastic	Plastics: LDPE and LLDPE (incl. forming) - Recycled source	tonnes	1793.29541	1088.91851
Scope 3	Material use	Plastic	Plastics: PET (incl. forming) - Primary material production	tonnes	4018.48341	3854.91851
Scope 3	Material use	Plastic	Plastics: PET (incl. forming) - Recycled source	tonnes	3121.34429	2204.91851
Scope 3	Material use	Plastic	Plastics: PP (incl. forming) - Primary material production	tonnes	3090.8179	2568.58892
Scope 3	Material use	Plastic	Plastics: PP (incl. forming) - Recycled source	tonnes	2537.386	1303.58892
Scope 3	Material use	Plastic	Plastics: PS (incl. forming) - Primary material production	tonnes	3764.03981	4367.44048
Scope 3	Material use	Plastic	Plastics: PS (incl. forming) - Recycled source	tonnes	3187.08199	2660.39912
Scope 3	Material use	Plastic	Plastics: PVC (incl. forming) - Primary material production	tonnes	3399.17507	2935.77335
Scope 3	Material use	Plastic	Plastics: PVC (incl. forming) - Recycled source	tonnes	2485.74317	1838.83987
Scope 3	Material use	Construction	Soils - Recycled source	tonnes	0.98491	0.98485
Scope 3	Material use	Construction	Tyres - Primary material production	tonnes	3335.5719	3335.57190
Scope 3	Material use	Construction	Tyres - Re-used	tonnes	731.21789	731.21789
Scope 3	Material use	Construction	Wood - Primary material production	tonnes	312.61178	269.50416
Scope 3	Material use	Construction	Wood - Recycled source	tonnes	112.96968	no factor this year
Scope 3	Material use	Construction	Wood - Re-used	tonnes	38.54288	38.54288
Scope 3	Transport - car	Cars (by size)	Average car - Diesel	km	0.16983	0.16984
Scope 3	Transport - car	Cars (by size)	Average car - Diesel	miles	0.27332	0.27334
Scope 3	Transport - car	Cars (by size)	Average car - Hybrid	km	0.11898	0.12607
Scope 3	Transport - car	Cars (by size)	Average car - Hybrid	miles	0.19147	0.20288
Scope 3	Transport - car	Cars (by size)	Average car - Petrol	km	0.16391	0.16450
Scope 3	Transport - car	Cars (by size)	Average car - Petrol	miles	0.26379	0.26473
Scope 3	Transport - car	Cars (by size)	Average car - Unknown	km	0.16664	0.16691
Scope 3	Transport - car	Cars (by size)	Average car - Unknown	miles	0.26817	0.26860
Scope 1	Transport - car	Cars (by size)	Average fleet car - Battery Electric Vehicle	km	0	0
Scope 1	Transport - car	Cars (by size)	Average fleet car - Battery Electric Vehicle	miles	0	0
Scope 1	Transport - car	Cars (by size)	Average fleet car - Plug-in Hybrid Electric Vehicle	km	0.06588	0.09360
Scope 1	Transport - car	Cars (by size)	Average fleet car - Plug-in Hybrid Electric Vehicle	miles	0.10601	0.15062
Scope 2&3	Transport - car	Cars (by size)	Large business travel car - Battery Electric Vehicle	km	0.05797	0.04925
Scope 2&3	Transport - car	Cars (by size)	Large business travel car - Battery Electric Vehicle	miles	0.09330	0.07925
Scope 2&3	Transport - car	Cars (by size)	Large business travel car - Plug-in Hybrid Electric Vehicle	km	0.10158	0.11923
Scope 2&3	Transport - car	Cars (by size)	Large business travel car - Plug-in Hybrid Electric Vehicle	miles	0.16349	0.19190
Scope 3	Transport - car	Cars (by size)	Large car - Diesel	km	0.20859	0.20729
Scope 3	Transport - car	Cars (by size)	Large car - Diesel	miles	0.33570	0.33362
Scope 3	Transport - car	Cars (by size)	Large car - Hybrid	km	0.15244	0.15486
Scope 3	Transport - car	Cars (by size)	Large car - Hybrid	miles	0.24530	0.24921
Scope 3	Transport - car	Cars (by size)	Large car - Petrol	km	0.27224	0.26885
Scope 3	Transport - car	Cars (by size)	Large car - Petrol	miles	0.43812	0.43267
Scope 3	Transport - car	Cars (by size)	Large car - Unknown	km	0.22612	0.22472
Scope 3	Transport - car	Cars (by size)	Large car - Unknown	miles	0.36389	0.36164
Scope 1	Transport - car	Cars (by size)	Large fleet car - Battery Electric Vehicle	km	0	0
Scope 1	Transport - car	Cars (by size)	Large fleet car - Battery Electric Vehicle	miles	0	0
Scope 1	Transport - car	Cars (by size)	Large fleet car - Plug-in Hybrid Electric Vehicle	km	0.07082	0.10306
Scope 1	Transport - car	Cars (by size)	Large fleet car - Plug-in Hybrid Electric Vehicle	miles	0.11397	0.16587
Scope 2&3	Transport - car	Cars (by size)	Medium business travel car - Battery Electric Vehicle	km	0.05257	0.04625
Scope 2&3	Transport - car	Cars (by size)	Medium business travel car - Battery Electric Vehicle	miles	0.08458	0.07443
Scope 2&3	Transport - car	Cars (by size)	Medium business travel car - Plug-in Hybrid Electric Vehicle	km	0.08501	0.09312
Scope 2&3	Transport - car	Cars (by size)	Medium business travel car - Plug-in Hybrid Electric Vehicle	miles	0.13680	0.14985
Scope 3	Transport - car	Cars (by size)	Medium car - Diesel	km	0.16716	0.16807
Scope 3	Transport - car	Cars (by size)	Medium car - Diesel	miles	0.26902	0.27050
Scope 3	Transport - car	Cars (by size)	Medium car - Hybrid	km	0.10904	0.11490
Scope 3	Transport - car	Cars (by size)	Medium car - Hybrid	miles	0.17549	0.18492
Scope 3	Transport - car	Cars (by size)	Medium car - Petrol	km	0.17819	0.17726
Scope 3	Transport - car	Cars (by size)	Medium car - Petrol	miles	0.28676	0.28526
Scope 3	Transport - car	Cars (by size)	Medium car - Unknown	km	0.17246	0.17256
Scope 3	Transport - car	Cars (by size)	Medium car - Unknown	miles	0.27754	0.27771
Scope 1	Transport - car	Cars (by size)	Medium fleet car - Battery Electric Vehicle	km	0	0
Scope 1	Transport - car	Cars (by size)	Medium fleet car - Battery Electric Vehicle	miles	0	0
Scope 1	Transport - car	Cars (by size)	Medium fleet car - Plug-in Hybrid Electric Vehicle	km	0.06144	0.08120
Scope 1	Transport - car	Cars (by size)	Medium fleet car - Plug-in Hybrid Electric Vehicle	miles	0.09887	0.13066
Scope 3	Transport - car	Motorbike	Motorbike - Average	km	0.11367	0.11367
Scope 3	Transport - car	Motorbike	Motorbike - Average	miles	0.18294	0.18293
Scope 2&3	Transport - car	Cars (by size)	Small business travel car - Battery Electric Vehicle	km	0.04823	0.04284
Scope 2&3	Transport - car	Cars (by size)	Small business travel car - Battery Electric Vehicle	miles	0.07763	0.06895

Scope 2&3	Transport - car	Cars (by size)	Small business travel car - Plug-in Hybrid Electric Vehicle	km	0.05402	0.06078
Scope 2&3	Transport - car	Cars (by size)	Small business travel car - Plug-in Hybrid Electric Vehicle	miles	0.08694	0.09782
Scope 3	Transport - car	Cars (by size)	Small car - Diesel	km	0.13931	0.13994
Scope 3	Transport - car	Cars (by size)	Small car - Diesel	miles	0.22420	0.22522
Scope 3	Transport - car	Cars (by size)	Small car - Hybrid	km	0.10150	0.11274
Scope 3	Transport - car	Cars (by size)	Small car - Hybrid	miles	0.16336	0.18143
Scope 3	Transport - car	Cars (by size)	Small car - Petrol	km	0.14080	0.14370
Scope 3	Transport - car	Cars (by size)	Small car - Petrol	miles	0.22660	0.23126
Scope 3	Transport - car	Cars (by size)	Small car - Unknown	km	0.14037	0.14262
Scope 3	Transport - car	Cars (by size)	Small car - Unknown	miles	0.22591	0.22953
Scope 1	Transport - car	Cars (by size)	Small fleet car - Battery Electric Vehicle	km	0	0
Scope 1	Transport - car	Cars (by size)	Small fleet car - Battery Electric Vehicle	miles	0	0
Scope 1	Transport - car	Cars (by size)	Small fleet car - Plug-in Hybrid Electric Vehicle	km	0.02163	0.03012
Scope 1	Transport - car	Cars (by size)	Small fleet car - Plug-in Hybrid Electric Vehicle	miles	0.03481	0.04848
Scope 3	Transport - public	Bus	Average local bus	passenger.km	0.10215	0.10846
Scope 3	Transport - public	Taxis	Black cab	km	0.30604	0.30603
Scope 3	Transport - public	Taxis	Black cab	passenger.km	0.20402	0.20402
Scope 3	Transport - public	Bus	Coach	passenger.km	0.02718	0.02717
Scope 3	Transport - public	Ferry	Ferry - Average (all passenger)	passenger.km	0.11270	0.11270
Scope 3	Transport - public	Ferry	Ferry - Car passenger	passenger.km	0.12933	0.12933
Scope 3	Transport - public	Ferry	Ferry - Foot passenger	passenger.km	0.01871	0.01871
Scope 3	Transport - public	Flights	Flights - Domestic, to/from UK - Average passenger	passenger.km	0.27258	0.27257
Scope 3	Transport - public	Flights	Flights - International, to/from non-UK - Average passenger	passenger.km	0.17580	0.17580
Scope 3	Transport - public	Flights	Flights - International, to/from non-UK - Business class	passenger.km	0.39044	0.39044
Scope 3	Transport - public	Flights	Flights - International, to/from non-UK - Economy class	passenger.km	0.13464	0.13465
Scope 3	Transport - public	Flights	Flights - International, to/from non-UK - First class	passenger.km	0.53854	0.53854
Scope 3	Transport - public	Flights	Flights - International, to/from non-UK - Premium economy class	passenger.km	0.21542	0.21542
Scope 3	Transport - public	Flights	Flights - Long-haul, to/from UK - Average passenger	passenger.km	0.26128	0.26128
Scope 3	Transport - public	Flights	Flights - Long-haul, to/from UK - Business class	passenger.km	0.58029	0.58028
Scope 3	Transport - public	Flights	Flights - Long-haul, to/from UK - Economy class	passenger.km	0.20011	0.20011
Scope 3	Transport - public	Flights	Flights - Long-haul, to/from UK - First class	passenger.km	0.80040	0.80040
Scope 3	Transport - public	Flights	Flights - Long-haul, to/from UK - Premium economy class	passenger.km	0.32016	0.32015
Scope 3	Transport - public	Flights	Flights - Short-haul, to/from UK - Average passenger	passenger.km	0.18592	0.18592
Scope 3	Transport - public	Flights	Flights - Short-haul, to/from UK - Business class	passenger.km	0.27430	0.27430
Scope 3	Transport - public	Flights	Flights - Short-haul, to/from UK - Economy class	passenger.km	0.18287	0.18287
Scope 3	Transport - public	Rail	International rail	passenger.km	0.00446	0.00446
Scope 3	Transport - public	Rail	Light rail and tram	passenger.km	0.02860	0.02860
Scope 3	Transport - public	Bus	Local bus (not London)	passenger.km	0.11836	0.12999
Scope 3	Transport - public	Bus	Local London bus	passenger.km	0.07832	0.07447
Scope 3	Transport - public	Rail	London Underground	passenger.km	0.02780	0.02780
Scope 3	Transport - public	Rail	National rail	passenger.km	0.03546	0.03546
Scope 3	Transport - public	Taxis	Regular taxi	km	0.20806	0.20805
Scope 3	Transport - public	Taxis	Regular taxi	passenger.km	0.14861	0.14861
Scope 2&3	Transport - van/HGV	Vans	Business Travel Van - Average (up to 3.5 tonnes) - Battery Electric Vehicle	km	0.07346	0.07922
Scope 2&3	Transport - van/HGV	Vans	Business Travel Van - Average (up to 3.5 tonnes) - Battery Electric Vehicle	miles	0.11824	0.12752
Scope 2&3	Transport - van/HGV	Vans	Business Travel Van - Class I (up to 1.305 tonnes) - Battery Electric Vehicle	km	0.03850	0.04254
Scope 2&3	Transport - van/HGV	Vans	Business Travel Van - Class I (up to 1.305 tonnes) - Battery Electric Vehicle	miles	0.06197	0.06847
Scope 2&3	Transport - van/HGV	Vans	Business Travel Van - Class II (1.305 to 1.74 tonnes) - Battery Electric Vehicle	km	0.05932	0.06556
Scope 2&3	Transport - van/HGV	Vans	Business Travel Van - Class II (1.305 to 1.74 tonnes) - Battery Electric Vehicle	miles	0.09547	0.10553
Scope 2&3	Transport - van/HGV	Vans	Business Travel Van - Class III (1.74 to 3.5 tonnes) - Battery Electric Vehicle	km	0.08967	0.08929
Scope 2&3	Transport - van/HGV	Vans	Business Travel Van - Class III (1.74 to 3.5 tonnes) - Battery Electric Vehicle	miles	0.14430	0.14369
Scope 1	Transport - van/HGV	Vans	Fleet Van - Average (up to 3.5 tonnes) - Battery Electric Vehicle	km	0	0
Scope 1	Transport - van/HGV	Vans	Fleet Van - Average (up to 3.5 tonnes) - Battery Electric Vehicle	miles	0	0
Scope 1	Transport - van/HGV	Vans	Fleet Van - Class I (up to 1.305 tonnes) - Battery Electric Vehicle	km	0	0
Scope 1	Transport - van/HGV	Vans	Fleet Van - Class I (up to 1.305 tonnes) - Battery Electric Vehicle	miles	0	0
Scope 1	Transport - van/HGV	Vans	Fleet Van - Class II (1.305 to 1.74 tonnes) - Battery Electric Vehicle	km	0	0
Scope 1	Transport - van/HGV	Vans	Fleet Van - Class II (1.305 to 1.74 tonnes) - Battery Electric Vehicle	miles	0	0
Scope 1	Transport - van/HGV	Vans	Fleet Van - Class III (1.74 to 3.5 tonnes) - Battery Electric Vehicle	km	0	0
Scope 1	Transport - van/HGV	Vans	Fleet Van - Class III (1.74 to 3.5 tonnes) - Battery Electric Vehicle	miles	0	0
Scope 1	Transport - van/HGV	HGV (all diesel)	HGV (all diesel) - All artics - Average laden	km	0.90644	0.90581
Scope 1	Transport - van/HGV	HGV (all diesel)	HGV (all diesel) - All artics - Average laden	miles	1.45877	1.45775
Scope 1	Transport - van/HGV	HGV (all diesel)	HGV (all diesel) - All HGVs - Average laden	km	0.87205	0.87296
Scope 1	Transport - van/HGV	HGV (all diesel)	HGV (all diesel) - All HGVs - Average laden	miles	1.40341	1.40489
Scope 1	Transport - van/HGV	HGV (all diesel)	HGV (all diesel) - All rigid - Average laden	km	0.82313	0.82657
Scope 1	Transport - van/HGV	HGV (all diesel)	HGV (all diesel) - All rigid - Average laden	miles	1.32470	1.33023
Scope 1	Transport - van/HGV	HGVs refrigerated (all diesel)	HGVs refrigerated (all diesel) - All artics - Average laden	km	1.04867	1.04817
Scope 1	Transport - van/HGV	HGVs refrigerated (all diesel)	HGVs refrigerated (all diesel) - All artics - Average laden	miles	1.68766	1.68685
Scope 1	Transport - van/HGV	HGVs refrigerated (all diesel)	HGVs refrigerated (all diesel) - All HGVs - Average laden	km	1.02098	1.02228
Scope 1	Transport - van/HGV	HGVs refrigerated (all diesel)	HGVs refrigerated (all diesel) - All HGVs - Average laden	miles	1.64310	1.64520
Scope 1	Transport - van/HGV	HGVs refrigerated (all diesel)	HGVs refrigerated (all diesel) - All rigid - Average laden	km	0.98025	0.98435
Scope 1	Transport - van/HGV	HGVs refrigerated (all diesel)	HGVs refrigerated (all diesel) - All rigid - Average laden	miles	1.57754	1.58414
Scope 1	Transport - van/HGV	Vans	Vans - Average (up to 3.5 tonnes) - Diesel	km	0.23128	0.25023
Scope 1	Transport - van/HGV	Vans	Vans - Average (up to 3.5 tonnes) - Diesel	miles	0.37224	0.40273
Scope 1	Transport - van/HGV	Vans	Vans - Average (up to 3.5 tonnes) - Petrol	km	0.20132	0.22095
Scope 1	Transport - van/HGV	Vans	Vans - Average (up to 3.5 tonnes) - Petrol	miles	0.32400	0.35558
Scope 1	Transport - van/HGV	Vans	Vans - Average (up to 3.5 tonnes) - Unknown	km	0.23037	0.24934
Scope 1	Transport - van/HGV	Vans	Vans - Average (up to 3.5 tonnes) - Unknown	miles	0.37075	0.40127
Scope 1	Transport - van/HGV	Vans	Vans - Class I (up to 1.305 tonnes) - Diesel	km	0.14212	0.15356
Scope 1	Transport - van/HGV	Vans	Vans - Class I (up to 1.305 tonnes) - Diesel	miles	0.22875	0.24716
Scope 1	Transport - van/HGV	Vans	Vans - Class I (up to 1.305 tonnes) - Petrol	km	0.18217	0.20071
Scope 1	Transport - van/HGV	Vans	Vans - Class I (up to 1.305 tonnes) - Petrol	miles	0.29318	0.32299
Scope 1	Transport - van/HGV	Vans	Vans - Class II (1.305 to 1.74 tonnes) - Diesel	km	0.17405	0.18832
Scope 1	Transport - van/HGV	Vans	Vans - Class II (1.305 to 1.74 tonnes) - Diesel	miles	0.28013	0.30309
Scope 1	Transport - van/HGV	Vans	Vans - Class II (1.305 to 1.74 tonnes) - Petrol	km	0.19594	0.21709
Scope 1	Transport - van/HGV	Vans	Vans - Class II (1.305 to 1.74 tonnes) - Petrol	miles	0.31534	0.34936
Scope 1	Transport - van/HGV	Vans	Vans - Class III (1.74 to 3.5 tonnes) - Diesel	km	0.25346	0.27365
Scope 1	Transport - van/HGV	Vans	Vans - Class III (1.74 to 3.5 tonnes) - Diesel	miles	0.40792	0.44042
Scope 1	Transport - van/HGV	Vans	Vans - Class III (1.74 to 3.5 tonnes) - Petrol	km	0.31444	0.34923
Scope 1	Transport - van/HGV	Vans	Vans - Class III (1.74 to 3.5 tonnes) - Petrol	miles	0.50605	0.56201
Scope 3	Waste	Construction	Aggregates - Landfill	tonnes	1.23401	1.23393
Scope 3	Waste	Construction	Aggregates - Recycled	tonnes	0.98491	0.98485
Scope 3	Waste	Construction	Asbestos - Landfill	tonnes	5.91332	5.91325
Scope 3	Waste	Construction	Asphalt - Landfill	tonnes	1.23401	1.23393
Scope 3	Waste	Construction	Asphalt - Recycled	tonnes	0.98491	0.98485
Scope 3	Waste	Construction	Average construction - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Construction	Average construction - Recycled	tonnes	0.98491	0.98485
Scope 3	Waste	Electrical items	Batteries - Landfill	tonnes	8.88413	8.88386
Scope 3	Waste	Electrical items	Batteries - Recycled	tonnes	21.28081	6.41061
Scope 3	Waste	Other	Books - Combustion	tonnes	21.07310	6.41061
Scope 3	Waste	Other	Books - Landfill	tonnes	1164.09963	1164.39015
Scope 3	Waste	Other	Books - Recycled	tonnes	21.0731	6.41061
Scope 3	Waste	Construction	Bricks - Landfill	tonnes	1.23401	1.23393
Scope 3	Waste	Clinical	Clinical Waste - Orange Stream	tonnes	273	273
Scope 3	Waste	Clinical	Clinical Waste - Other	tonnes	1000	1000
Scope 3	Waste	Clinical	Clinical Waste - Red Stream	tonnes	1000	1000
Scope 3	Waste	Clinical	Clinical Waste - Yellow Stream	tonnes	297	297
Scope 3	Waste	Other	Clothing - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Other	Clothing - Landfill	tonnes	496.68331	496.68303
Scope 3	Waste	Other	Clothing - Recycled	tonnes	21.28081	6.41061
Scope 3	Waste	Refuse	Commercial and industrial waste - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Refuse	Commercial and industrial waste - Landfill	tonnes	520.33474	520.33420
Scope 3	Waste	Construction	Concrete - Landfill	tonnes	1.23401	1.23393
Scope 3	Waste	Construction	Concrete - Recycled	tonnes	0.98491	0.98485
Scope 3	Waste	Other	Glass - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Other	Glass - Landfill	tonnes	8.88413	8.88386

Scope 3	Waste	Other	Glass - Recycled	tonnes	21.28081	6.41061
Scope 3	Waste	Refuse	Household/Municipal/Domestic waste - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Refuse	Household/Municipal/Domestic waste - Landfill	tonnes	497.04471	497.04416
Scope 3	Waste	Refuse	Mixed dry recyclates - Recycled	tonnes	21.28081	6.41061
Scope 3	Waste	Construction	Insulation - Landfill	tonnes	1.23401	1.23393
Scope 3	Waste	Construction	Insulation - Recycled	tonnes	0.98491	0.98485
Scope 3	Waste	Metal	Metal: aluminium cans and foil (excl. forming) - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Metal	Metal: aluminium cans and foil (excl. forming) - Landfill	tonnes	8.88413	8.88386
Scope 3	Waste	Metal	Metal: aluminium cans and foil (excl. forming) - Recycled	tonnes	21.28081	6.41061
Scope 3	Waste	Metal	Metal: mixed cans - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Metal	Metal: mixed cans - Landfill	tonnes	8.88413	8.88386
Scope 3	Waste	Metal	Metal: mixed cans - Recycled	tonnes	21.28081	6.41061
Scope 3	Waste	Metal	Metal: scrap metal - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Metal	Metal: scrap metal - Landfill	tonnes	8.88413	8.88386
Scope 3	Waste	Metal	Metal: scrap metal - Recycled	tonnes	21.28081	6.41061
Scope 3	Waste	Metal	Metal: steel cans - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Metal	Metal: steel cans - Landfill	tonnes	8.88413	8.88386
Scope 3	Waste	Metal	Metal: steel cans - Recycled	tonnes	21.28081	6.41061
Scope 3	Waste	Construction	Metals - Landfill	tonnes	1.26435	1.26435
Scope 3	Waste	Construction	Metals - Recycled	tonnes	0.98491	0.98485
Scope 3	Waste	Construction	Mineral oil - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Construction	Mineral oil - Recycled	tonnes	21.28081	6.41061
Scope 3	Waste	Refuse	Organic: food and drink waste - Anaerobic digestion	tonnes	8.91242	8.88386
Scope 3	Waste	Refuse	Organic: food and drink waste - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Refuse	Organic: food and drink waste - Composting	tonnes	8.91242	8.88386
Scope 3	Waste	Refuse	Organic: food and drink waste - Landfill	tonnes	700.20988	700.20961
Scope 3	Waste	Refuse	Organic: garden waste - Anaerobic digestion	tonnes	8.91242	8.88386
Scope 3	Waste	Refuse	Organic: garden waste - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Refuse	Organic: garden waste - Composting	tonnes	8.91242	8.88386
Scope 3	Waste	Refuse	Organic: garden waste - Landfill	tonnes	646.60659	646.60632
Scope 3	Waste	Refuse	Organic: mixed food and garden waste - Anaerobic digestion	tonnes	8.91242	8.88386
Scope 3	Waste	Refuse	Organic: mixed food and garden waste - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Refuse	Organic: mixed food and garden waste - Composting	tonnes	8.91242	8.88386
Scope 3	Waste	Refuse	Organic: mixed food and garden waste - Landfill	tonnes	655.98717	655.98690
Scope 3	Waste	Paper	Paper and board: board - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Paper	Paper and board: board - Composting	tonnes	8.91242	8.88386
Scope 3	Waste	Paper	Paper and board: board - Landfill	tonnes	1164.39042	1164.39015
Scope 3	Waste	Paper	Paper and board: board - Recycled	tonnes	21.28081	6.41061
Scope 3	Waste	Paper	Paper and board: mixed - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Paper	Paper and board: mixed - Composting	tonnes	8.91242	8.88386
Scope 3	Waste	Paper	Paper and board: mixed - Landfill	tonnes	1164.39042	1164.39015
Scope 3	Waste	Paper	Paper and board: mixed - Recycled	tonnes	21.28081	6.41061
Scope 3	Waste	Paper	Paper and board: paper - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Paper	Paper and board: paper - Composting	tonnes	8.91242	8.88386
Scope 3	Waste	Paper	Paper and board: paper - Landfill	tonnes	1164.39042	1164.39015
Scope 3	Waste	Paper	Paper and board: paper - Recycled	tonnes	21.28081	6.41061
Scope 3	Waste	Construction	Plasterboard - Landfill	tonnes	71.95000	71.95000
Scope 3	Waste	Construction	Plasterboard - Recycled	tonnes	21.28081	6.41061
Scope 3	Waste	Plastic	Plastics: average plastic film - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Plastic	Plastics: average plastic film - Landfill	tonnes	8.88413	8.88386
Scope 3	Waste	Plastic	Plastics: average plastic film - Recycled	tonnes	21.28081	6.41061
Scope 3	Waste	Plastic	Plastics: average plastic rigid - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Plastic	Plastics: average plastic rigid - Landfill	tonnes	8.88413	8.88386
Scope 3	Waste	Plastic	Plastics: average plastic rigid - Recycled	tonnes	21.28081	6.41061
Scope 3	Waste	Plastic	Plastics: average plastics - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Plastic	Plastics: average plastics - Landfill	tonnes	8.88413	8.88386
Scope 3	Waste	Plastic	Plastics: average plastics - Recycled	tonnes	21.28081	6.41061
Scope 3	Waste	Plastic	Plastics: HDPE (incl. forming) - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Plastic	Plastics: HDPE (incl. forming) - Landfill	tonnes	8.88413	8.88386
Scope 3	Waste	Plastic	Plastics: HDPE (incl. forming) - Recycled	tonnes	21.28081	6.41061
Scope 3	Waste	Plastic	Plastics: LDPE and LLDPE (incl. forming) - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Plastic	Plastics: LDPE and LLDPE (incl. forming) - Landfill	tonnes	8.88413	8.88386
Scope 3	Waste	Plastic	Plastics: LDPE and LLDPE (incl. forming) - Recycled	tonnes	21.28081	6.41061
Scope 3	Waste	Plastic	Plastics: PET (incl. forming) - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Plastic	Plastics: PET (incl. forming) - Landfill	tonnes	8.88413	8.88386
Scope 3	Waste	Plastic	Plastics: PET (incl. forming) - Recycled	tonnes	21.28081	6.41061
Scope 3	Waste	Plastic	Plastics: PP (incl. forming) - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Plastic	Plastics: PP (incl. forming) - Landfill	tonnes	8.88413	8.88386
Scope 3	Waste	Plastic	Plastics: PP (incl. forming) - Recycled	tonnes	21.28081	6.41061
Scope 3	Waste	Plastic	Plastics: PS (incl. forming) - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Plastic	Plastics: PS (incl. forming) - Landfill	tonnes	8.88413	8.88386
Scope 3	Waste	Plastic	Plastics: PS (incl. forming) - Recycled	tonnes	21.28081	6.41061
Scope 3	Waste	Plastic	Plastics: PVC (incl. forming) - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Plastic	Plastics: PVC (incl. forming) - Landfill	tonnes	8.88413	8.88386
Scope 3	Waste	Plastic	Plastics: PVC (incl. forming) - Recycled	tonnes	21.28081	6.41061
Scope 3	Waste	Construction	Soils - Landfill	tonnes	19.51734	19.51726
Scope 3	Waste	Construction	Soils - Recycled	tonnes	0.98491	0.98485
Scope 3	Waste	Construction	Tyres - Recycled	tonnes	21.28081	6.41061
Scope 3	Waste	Electrical items	WEEE - fridges and freezers - Landfill	tonnes	8.88413	8.88386
Scope 3	Waste	Electrical items	WEEE - large - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Electrical items	WEEE - large - Landfill	tonnes	8.88413	8.88386
Scope 3	Waste	Electrical items	WEEE - mixed - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Electrical items	WEEE - mixed - Recycled	tonnes	21.28081	6.41061
Scope 3	Waste	Electrical items	WEEE - mixed - Landfill	tonnes	8.88413	8.88386
Scope 3	Waste	Electrical items	WEEE - small - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Electrical items	WEEE - small - Landfill	tonnes	8.88413	8.88386
Scope 3	Waste	Construction	Wood - Combustion	tonnes	21.28081	6.41061
Scope 3	Waste	Construction	Wood - Composting	tonnes	8.91242	8.88386
Scope 3	Waste	Construction	Wood - Landfill	tonnes	925.2445	925.24423
Scope 3	Waste	Construction	Wood - Recycled	tonnes	21.28081	6.41061
Scope 3	Water	Water supply	Water supply	cubic metres	0.1	0.10000
Scope 3	Water	Water supply	Water supply	million litres	110.0	110.00000
Scope 3	Water	Water supply	Water treatment	cubic metres	0.19	0.19000
Scope 3	Water	Water supply	Water treatment	million litres	190	190.00000

END