



**Item No. 16**

**Meeting Date Wednesday 11<sup>th</sup> December 2024**

**Glasgow City  
Integration Joint Board  
Finance, Audit and Scrutiny Committee**

**Report By:** Sharon Wearing, Chief Officer, Finance and Resources

**Contact:** Craig Cowan, Head of Business Development

**Phone:** 0141 287 6724

**Public Bodies Climate Change Duties Report 2023-24**

<b>Purpose of Report:</b>	To present Glasgow City Integration Joint Board's (IJB) Public Bodies Climate Change Duties Report 2023 - 2024 which has been submitted to the Scottish Government by the deadline of 30 <sup>th</sup> November 2024.
<b>Background/Engagement:</b>	As a designated public body subject to the Climate Change (Scotland) Act 2009 the IJB is required to submit an annual report on its compliance with climate change duties.
<b>Governance Route:</b>	<p>The matters contained within this paper have been previously considered by the following group(s) as part of its development.</p> <p>HSCP Senior Management Team <input type="checkbox"/></p> <p>Council Corporate Management Team <input type="checkbox"/></p> <p>Health Board Corporate Management Team <input type="checkbox"/></p> <p>Council Committee <input type="checkbox"/></p> <p>Update requested by IJB <input type="checkbox"/></p> <p>Other <input type="checkbox"/></p> <p>Not Applicable <input checked="" type="checkbox"/></p>
<b>Recommendations:</b>	<p>The IJB Finance, Audit and Scrutiny Committee is asked to:</p> <p>a) Note the contents of the report; and</p>

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	b) Note that the IJB's Public Bodies Climate Change Duties Report 2023-24 has been submitted to the Scottish Government following approval by the Chief Officer, Finance and Resources, acting under delegated authority.
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**Relevance to Integration Joint Board Strategic Plan:**

None – relates to matters of governance

**Implications for Health and Social Care Partnership:**

<b>Reference to National Health &amp; Wellbeing Outcome:</b>	None – relates to matters of governance
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<b>Personnel:</b>	None – relates to matters of governance
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<b>Carers:</b>	None – relates to matters of governance
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<b>Provider Organisations:</b>	None – relates to matters of governance
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<b>Equalities:</b>	None – relates to matters of governance
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<b>Fairer Scotland Compliance:</b>	None – relates to matters of governance
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<b>Financial:</b>	None – relates to matters of governance
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<b>Legal:</b>	The Climate Change (Duties of Public Bodies: Reporting Requirements) (Scotland) Order 2015 requires public bodies to prepare reports on compliance with climate change duties, which includes Integration Joint Boards.
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<b>Economic Impact:</b>	None – relates to matters of governance
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<b>Sustainability:</b>	None – relates to matters of governance
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<b>Sustainable Procurement and Article 19:</b>	None – relates to matters of governance
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<b>Risk Implications:</b>	N/A
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<b>Implications for Glasgow City Council:</b>	N/A
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<b>Implications for NHS Greater Glasgow &amp; Clyde:</b>	N/A
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### 1. Purpose

- 1.1. To present Glasgow City Integration Joint Board's (IJB) Public Bodies Climate Change Duties Report 2023-24 which has been submitted to the Scottish Government by the deadline of 30<sup>th</sup> November 2024.

### 2. Background

- 2.1. The Scottish Parliament passed the Climate Change (Scotland) Act in 2009. Part 4 of the Act states that a "public body must, in exercising its functions, act; in the way best calculated to contribute to the delivery of (Scotland's climate change) targets; in the way best calculated to help deliver any (Scottish adaptation programme); and in a way that it considers most sustainable."
- 2.2. The three elements of public bodies' climate change duties include:
  - Mitigation – reducing greenhouse emissions
  - Adaptation – adapting to the impacts of a changing climate
  - Acting sustainable – sustainable development as a core value
- 2.3. The Climate Change (Duties of Public Bodies: Reporting Requirements) (Scotland) [Order 2015](#) came into force in November 2015 as secondary legislation made under the Climate Change (Scotland) Act 2009. The order which was amended in [2020](#) requires public bodies to prepare reports on compliance with climate change duties. This includes 'an integration joint board established by order under section 9(2) of the Public Bodies (Joint Working) (Scotland) Act 2014(c).'

### 3. Glasgow City IJB Climate Change Duties Report 2023-24

- 3.1. Glasgow City IJB's Public Bodies Climate Change Duties Report (PBCCD) 2023-24 is appended to this report.
- 3.2. The accountability and responsibility for climate change governance, management, and strategy (including risk management and reporting) in relation to the delivery of Council and Health Board services is not a function devolved to the IJB and lies with the partner statutory bodies: Glasgow City Council and NHS Greater Glasgow and Clyde. Both partner bodies submit a PBCCD report that details this.
- 3.3. Glasgow City IJB's PBCCD report 2023-24 reflects the arrangements as set in paragraph 3.2 and associated guidance for completing the report makes clear that it is acceptable to state this in the report.
- 3.4. The submission date for the PBCCD report to Scottish Government was 30 November 2024. To meet this timescale, it has been approved and submitted by the Chief Officer, Finance and Resources, and is presented to this Committee for noting.

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- 3.5. Previous reports from all public bodies are hosted on the Sustainable Scotland Network website and can be viewed [here](#). The most recent [annual analysis report is 2022/23](#) is also available to view.
- 3.6. There were some changes in the guidance for IJB completion for this year's return, this was mainly requesting links to partner body reports, strategies and targets which was provided in the requested fields. Details can be read in the document [SSN Guidance on Public Bodies Climate Change Duties Annual Reporting](#).

## 4. Recommendations

- 4.1. The IJB Finance, Audit and Scrutiny Committee is asked to:
  - a) Note the contents of the report; and
  - b) Note that the IJB's Public Bodies Climate Change Duties Report 2023-24 has been submitted to the Scottish Government following approval by the Chief Officer, Finance and Resources, acting under delegated authority.

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Public Bodies Climate Change Duties Compliance Reporting **Financial 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/fixed entry cell
	Editable cell

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**Public Bodies Climate Change Duties Compliance Reporting Template 2023/24 FY**

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?	No
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?	No
Leased premises - private	Are building services managed and provided by a private landlord?	No
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?	No
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?	No
Business travel - flights	Do staff undertake any business travel by plane?	No
Homeworking	Do staff work from home - including hybrid?	No
Supply chain	Are any goods or services purchased?	No
Land use	Are more than 10 hectares of land owned or managed for public services provision, including for research or recreation?	No
Waste services	Is the public body responsible for collecting household or municipal waste?	No

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## Public Sector Report on Compliance with Climate Change Duties 2024 Template FY

### PART 1 Profile of Reporting Body

**1a Name of reporting body**

Provide the name of the listed body (the "body") which prepared this report.

Glasgow City IJB

**1b Type of body**

Select from the options below

Integration Joint Boards

**1c Highest number of full-time equivalent staff in the body during the report year**

0

**1d Metrics used by the body**

Specify the metrics that the body uses to assess its performance in relation to climate change and sustainability.

Metric	Units	Value	Comments
Please select from drop down box			The Glasgow City IJB does not use metrics to assess its
Please select from drop down box			
Please select from drop down box			
Please select from drop down box			
Please select from drop down box			
Please select from drop down box			
Please select from drop down box			
Please select from drop down box			
Other (please specify in comments)			
Other (please specify in comments)			
Other (please specify in comments)			
Other (please specify in comments)			
Other (please specify in comments)			
Other (please specify in comments)			
Other (please specify in comments)			
Other (please specify in comments)			

**1e Overall budget of the body**

Specify approximate £/annum for the report year.

Budget	Budget Comments
£1,544,067,500	

**1f Report type**

**Check the report year type is correct. The alternative template must be used for academic year reporting.**

Reporting type	Report year comments
Financial/Calendar/Other	Budget for Finanical Year 2023/24 (April 23 to March 24)

**1g Context**

Provide a summary of the body's nature and functions that are relevant to climate change reporting.

In line with the Public Bodies (Joint Working) (Scotland) Act 2014 (and further to minimum requirements) Glasgow City Council and NHS Greater Glasgow and Clyde have integrated the planning and delivery of all community health and social care services, including services for children, adults and older people, along with homelessness and criminal justice services. The strategic planning and monitoring of these services have been delegated by the Council and Health Board to the Glasgow City IJB, which then directs the Council and Health Board to deliver these services in line with its Strategic Plan and defined level of financial resources. Most services are for Glasgow City, but some cover the entire NHS Greater Glasgow and Clyde Board area (for example, sexual health services). The resident population of Glasgow City is 631,970 and NHS Greater Glasgow and Clyde is 1,193,420 (NRS 2023 mid year population estimates). The accountability and responsibility for climate change governance, management and strategy in relation to the delivery of Council and Health Board services (including community health and social care) lies with Glasgow City IJB's partner statutory bodies, Glasgow City Council and NHS Greater Glasgow and Clyde. Both Glasgow City Council and NHS Greater Glasgow and Clyde submit a Public Bodies Climate Change Duties Report.



Public Sector Report on Compliance with Climate Change Duties 2024 Template FY

PART 2 Governance, Management and Strategy

Governance and management

2a How is climate change governed in the body?

Provide a summary of the roles performed by the body's governance bodies and members in relation to climate change. If any of the body's activities in relation to climate change sit outside its own governance arrangements (in relation to, for example, land use, adaptation, transport, business travel, waste, information and communication technology, procurement or behaviour change), identify these activities and the governance arrangements. Provide a diagram / chart to outline the governance structure within the body.

The accountability and responsibility for climate change governance in relation to the delivery of Council and Health Board services (including community health and social care) lies with Glasgow City IJB's partner statutory bodies, Glasgow City Council and NHS Greater Glasgow and Clyde. The partner bodies have a Board (Glasgow City Council) or Planning and Implementation Group (NHS Greater Glasgow and Clyde) linked to governance decision-making structures and other relevant groups (e.g., capital planning), which broadly oversee and co-ordinate strategic sustainability planning, climate change adaptation and service improvement, including risk management, communications/engagement activity with staff and the public, monitoring and performance reporting and scrutiny. Both Glasgow City Council and NHS Greater Glasgow and Clyde submit a Public Bodies Climate Change Duties Report that will detail this, but the arrangements are broadly outlined below.

Glasgow City Council - Glasgow City's ambition is to build a more Sustainable Glasgow and reduce carbon emissions, while reversing ecological decline and adapting to the impacts of climate change. During any reporting year Glasgow's key actions within policy and project development require approval at Council Committee to ensure political oversight of direction. Formal reporting on carbon reduction, energy, sustainability and climate adaptation is regularly provided to the Net Zero and Climate Progress Monitoring City Policy Committee and City Administration Committee. These Committees include elected members from all political groups who provide an active role in commenting on progress and shaping decisions. At Corporate Management level, the Executive Director of Neighbourhoods Regeneration & Sustainability has responsibility for net zero targets and climate resilience, championing and providing leadership in these areas. This is delivered through a Climate & Sustainability Board including directors from each of the Council services. The board governs the Climate & Sustainability workplan managing project issues by exception and providing resolution to issues. Beneath this board sits The Climate & Sustainability Scoping Group, the scoping group screens new projects and decides whether these need board approval to be brought onto the programme.

NHS Greater Glasgow and Clyde - The Sustainability Governance Group oversees the climate change and sustainability agenda by developing and coordinating work streams that support NHS Scotland's and NHS GGC's Climate Change and Sustainability Strategy to ensure its corporate and operational activities are carried out in a compliant manner, while promoting sustainable development as the driver to achieve net zero by improving processes and technology, where practicable. The group is chaired by the Director of Estates & Facilities with subject matter leads are in attendance. Climate Change and Sustainability is overseen by the Boards Sustainability Governance Group, which the exec champion chairs. The group reports into the Corporate Management Team then Financial Planning & Performance Committee, and then onto the Board.

NHS GGC's goal is to improve the environmental, financial and social performance of its assets and services for our patients, staff and visitors through continuous improvement, in turn achieving carbon reduction targets.

The Group coordinates output and strategic working groups that align and deliver progress on the SDG's. The groups will develop policy and strategy for their respective work stream and report accordingly to the sustainability group on risks, opportunities, projects, initiatives, training and communications. The key performance indicators (KPI's) from the Governance Group will form part of the Boards Annual Report and direct the Sustainable Development Strategy. The KPI's being:

- a) Reduce our environmental impact and achieve net zero targets.
- b) Utilise sustainable development as a means to improve our financial performance.
- c) Improve societal wellbeing for local communities, patients, staff and visitors by establishing an anchor organisation culture.

SSN Reports for Glasgow City Council <https://sustainablesotlandnetwork.org/reports/glasgow-city-council>

2b How is climate change action managed and embedded in the body?

Provide a summary of how decision-making in relation to climate change action by the body is managed and how responsibility is allocated to the body's senior staff, departmental heads etc. If any such decision-making sits outside the body's own governance arrangements (in relation to, for example, land use, adaptation, transport, business travel, waste, information and communication technology, procurement or behaviour change), identify how this is managed and how responsibility is allocated outside the body. Provide a diagram to show how responsibility is allocated to the body's senior staff, departmental heads etc.

Glasgow City Council - Formal reporting on carbon reduction, energy, sustainability and climate adaptation is regularly provided to the Net Zero Committee and to the City Administration Committee for strategic decisions. These Committees include elected members from all political groups who provide an active role in commenting on progress and shaping decisions. The Executive Director of Neighbourhoods, Regeneration and Sustainability is the council corporate champion for climate action and chairs a number of senior management meetings, including the Sustainability and Climate Change Board. The Climate Board, supported by the developing Sustainability PMO, provides over-arching scrutiny and governance for sustainability, net zero, climate adaptation and ecological emergency action at officer level. The Head of Sustainability chairs a number of internal and external meetings to discuss strategic decisions across the City Council in relation to climate change mitigation and adaptation. The Divisional Director for Planning and Sustainability works closely with the Head of Sustainability, chairing internal and external meetings to help drive forward action on climate change and embed sustainability across organisational strategy.

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## Strategy

### 2c Does the body have specific climate change mitigation and adaptation objectives in its corporate plan or similar document?

Provide a brief summary of objectives if they exist.

Wording of objective	Name of document	Document Link

### 2d Does the body have a climate change plan or strategy?

If yes, provide the name of any such document and details of where a copy of the document may be obtained or accessed.

The accountability and responsibility for climate change governance, management and strategy in relation to the delivery of Council and Health Board services (including community health and social care) lies with Glasgow City IJB's partner statutory bodies, Glasgow City Council and NHS Greater Glasgow and Clyde. Both Glasgow City Council and NHS Greater Glasgow and Clyde submit a Public Bodies Climate Change Duties Report that will detail this.

<https://www.glasgow.gov.uk/index.aspx?articleid=27573>

<https://www.glasgow.gov.uk/climateplan>

<https://www.nhs.gov.uk/downloads/climate-change-and-sustainability-strategy-2023-2028/>

<https://www.nhs.gov.uk/downloads/map-for-sustainability-and-climate-change/>

### 2e Does the body have any plans or strategies covering the following areas that include climate change?

Provide the name of any such document and the timeframe covered.

Topic area	Name of document	Link	Time period covered	Comments
Adaptation	n/a			
Business travel	n/a			
Staff Travel	n/a			
Energy efficiency	n/a			
Fleet transport	n/a			
ICT	n/a			
Renewable energy	n/a			
Sustainable/renewable heat	n/a			
Waste management	n/a			
Water and sewerage	n/a			
Land Use	n/a			
Other (please specify in comments)				
Please select from drop down box				
Please select from drop down box				
Please select from drop down box				

### 2f What are the body's top 5 priorities for climate change governance, management and strategy for the year ahead?

Provide a brief summary of the body's areas and activities of focus for the year ahead.

The accountability and responsibility for climate change governance, management and strategy in relation to the delivery of Council and Health Board services (including community health and social care) lies with Glasgow City IJB's partner statutory bodies, Glasgow City Council and NHS Greater Glasgow and Clyde. Both Glasgow City Council and NHS Greater Glasgow and Clyde submit a Public Bodies Climate Change Duties Report that will detail this.

### 2g Has the body used the Climate Change Assessment Tool (a) or equivalent tool to self-assess its capability / performance?

If yes, please provide details of the key findings and resultant action taken.

(a) This refers to the tool developed by Resource Efficient Scotland for self-assessing an organisation's capability / performance in relation to climate change.

The accountability and responsibility for climate change governance, management and strategy in relation to the delivery of Council and Health Board services (including community health and social care) lies with Glasgow City IJB's partner statutory bodies, Glasgow City Council and NHS Greater Glasgow and Clyde. Both Glasgow City Council and NHS Greater Glasgow and Clyde submit a Public Bodies Climate Change Duties Report that will detail this.

## Further information

### 2h Supporting information and best practice

Provide any other relevant supporting information and any examples of best practice by the body in relation to governance, management and strategy.

The accountability and responsibility for climate change governance, management and strategy in relation to the delivery of Council and Health Board services (including community health and social care) lies with Glasgow City IJB's partner statutory bodies, Glasgow City Council and NHS Greater Glasgow and Clyde. Both Glasgow City Council and NHS Greater Glasgow and Clyde submit a Public Bodies Climate Change Duties Report that will detail this.

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**3b Breakdown of emissions sources** Please refrain from deleting rows or columns anywhere in this template. This workbook is password protected to prevent this and should not be unlocked.

Complete the following table with the breakdown of emission sources from the body's most recent carbon footprint (greenhouse gas inventory); this should correspond to the last entry in the table in 3(a) above. Use the 'Comments' column to explain what is included within each category of emission source entered in the first column. If there is no data consumption available for an emission source enter the emissions in kgCO<sub>2</sub>e in the 'Consumption' column of one of the "Other" rows and assign the scope and an emission factor of 1.

(a) Emissions factors are published annually by the UK Department for Energy Security & Net Zero

**Emission Factor Year**

You can filter emission sources by "type" in column C to enable quicker selection of emission source in column D. See the list in the Emissions Tab.

User defined emission sources can be entered in rows 131 onwards. Please only use these if you cannot find a relevant emission source in the dropdown list or you have a bespoke emission factor or non-standard derivation of emissions e.g. based on a survey/consumption data. If you require extra rows in the table please send the template to ccreporting@ed.ac.uk.

Emission Type	Emission source	Scope	Consumption data	Units	Emission factor	Units	Emissions (tCO <sub>2</sub> e)	Comments
Please select from drop down box	Please select from drop down box	Please select from drop down box					0.00000	
Please select from drop down box	Please select from drop down box	Please select from drop down box					0.00000	
Please select from drop down box	Please select from drop down box	Please select from drop down box					0.00000	
Please select from drop down box	Please select from drop down box	Please select from drop down box					0.00000	
Please select from drop down box	Please select from drop down box	Please select from drop down box					0.00000	
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Please select from drop down box	Please select from drop down box	Please select from drop down box					0.00000	
Please select from drop down box	Please select from drop down box	Please select from drop down box					0.00000	
Other	Other (please specify in comments)	Please select from drop down box					-	
Other	Other (please specify in comments)	Please select from drop down box					-	
Other	Other (please specify in comments)	Please select from drop down box					-	
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Other	Other (please specify in comments)	Please select from drop down box					-	
Other	Other (please specify in comments)	Please select from drop down box					-	

Please state in comments if this value is 0 because no emissions exist or if emissions likely exist, but are unknown

**3c Generation, consumption and export of renewable energy**

Provide a summary of the body's annual renewable generation (if any), and whether it is used or exported by the body.

Technology	Renewable Electricity		Renewable Heat		Comments
	Total consumed by the body (kWh)	Total exported (kWh)	Total consumed by the body (kWh)	Total exported (kWh)	
Please select from drop down box					
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**Targets**

**3d Organisational targets**

List all of the body's targets of relevance to its climate change duties. Where applicable, targets for reducing indirect emissions of greenhouse gases, overall carbon targets and any separate land use, energy efficiency, waste, water, information and communication technology, transport, travel and heat targets should be included. Where applicable, you should also provide the body's target date for achieving zero direct emissions of greenhouse gases, or such other targets that demonstrate how the body is

Name of target	Type of target	Target	Units	Boundary/scope of target	Year used as baseline	Baseline figure	Units of baseline	Target completion year	Progress against target	Comments
	Please select from drop down box		Please select from drop down box	Please select from drop down box	Please select from drop down box		Please select from drop down box	Please select from drop down box		
	Please select from drop down box		Please select from drop down box	Please select from drop down box	Please select from drop down box		Please select from drop down box	Please select from drop down box		
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	Please select from drop down box		Please select from drop down box	Please select from drop down box	Please select from drop down box		Please select from drop down box	Please select from drop down box		
	Please select from drop down box		Please select from drop down box	Please select from drop down box	Please select from drop down box		Please select from drop down box	Please select from drop down box		

**3da How will the body align its spending plans and use of resources to contribute to reducing emissions and delivering its emission reduction targets?**

Provide any relevant supporting information that is not already included elsewhere in this report.

n/a

**3db How will the body publish, or otherwise make available, its progress towards achieving its emissions reduction targets?**

Provide any other relevant supporting information. In the event that the body wishes to refer to information already published, provide information about where the publication can be accessed.

Simply referencing this report or it's availability on the SSN website is insufficient information.

n/a



3g **Estimated decrease or increase in the body's emissions attributed to factors (not reported elsewhere in this form) in the report year**  
 If the emissions increased or decreased due to any such factor in the report year, provide an estimate of the amount and direction

Emissions source	Total estimated annual emissions (tCO <sub>2</sub> e)	Increase or decrease in emissions	Comments
Estate changes		Please select from drop down box	
Service provision		Please select from drop down box	
Staff numbers		Please select from drop down box	
Other (please specify in comments)		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
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Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
<b>Total</b>		-	

3h **Anticipated annual carbon savings from all projects implemented by the body in the year ahead**  
 If no projects are expected to be implemented against an emissions source, enter "0".  
 If the organisation does not have any information for an emissions source, enter "Unknown".  
 If the organisation does not include the emissions source in its carbon footprint, enter "N/A".

Emissions source	Total estimated annual carbon savings (tCO <sub>2</sub> e)	Comments
Electricity		n/a
Natural gas		n/a
Other heating fuels		n/a
Waste		n/a
Water and sewerage		n/a
Travel		n/a
Fleet Transport		n/a
Other (please specify in comments)		
Please select from drop down box		
Please select from drop down box		
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Please select from drop down box		
Please select from drop down box		
<b>Total</b>		-

3i **Estimated decrease or increase in emissions from other sources in the year ahead**  
 If the body's corporate emissions are likely to increase or decrease for any other reason in the year ahead, provide an estimate of the amount and direction.

Emissions source	Total estimated annual emissions (tCO <sub>2</sub> e)	Increase or decrease in emissions	Comments
Estate changes		Please select from drop down box	
Service provision		Please select from drop down box	
Staff numbers		Please select from drop down box	
Other (please specify in comments)		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
<b>Total</b>		-	

3j **Total carbon reduction project savings since the start of the year which the body used as a baseline for its carbon footprint**  
 If the body has data available, estimate the total emissions savings made from projects since the start of that year ("the baseline year").

Total savings	Total estimated emissions savings (tCO <sub>2</sub> e)	Comments
Total project savings since baseline year		

**Further information**

3k **Supporting information and best practice**  
 Provide any other relevant supporting information and any examples of best practice by the body in relation to corporate emissions, targets and projects.

The accountability and responsibility for climate change governance, management and strategy in relation to the delivery of Council and Health Board services (including community health and social care) lies with the Glasgow City IJB's statutory bodies - Glasgow City Council and NHS Greater Glasgow and Clyde. Both Glasgow City Council and NHS Greater Glasgow and Clyde submit a Public Bodies Climate Change Duties Report that will detail this.

Glasgow City Health & Social Care Partnership (HSCP) contributes to Glasgow's Climate Plan and the ambition to be net-zero carbon by 2030 and NHS Greater Glasgow and Clyde's Sustainability Policy which aims to be a net-zero health service by 2040 at the latest.

Glasgow City IJB does not oversee spending plans for Glasgow City Council or NHS Greater Glasgow and Clyde.

Public Sector Report on Compliance with Climate Change Duties 2024 Template

**PART 4** **Adaptation - please do not include information in this part on measures that solely reduce emissions with no implications for climate adaptation. These are climate mitigation measures which should be reported in the Emissions tab.**

**Assessing and managing risk**

**4a** **Has the body assessed current and future climate-related risks?**

If yes, provide a reference or link to any such risk assessment(s).

The accountability and responsibility for climate change governance, management and strategy in relation to the delivery of Council and Health Board services (including community health and social care) lies with Glasgow City IJB's partner statutory bodies, Glasgow City Council and NHS Greater Glasgow and Clyde. Both Glasgow City Council and NHS Greater Glasgow and Clyde submit a Public Bodies Climate Change Duties Report that will detail this.

**4b** **What arrangements does the body have in place to manage climate-related risks?**

Provide details of any climate change adaptation strategies, action plans and risk management procedures, and any climate change adaptation policies which apply across the body.

The accountability and responsibility for climate change governance, management and strategy in relation to the delivery of Council and Health Board services (including community health and social care) lies with Glasgow City IJB's partner statutory bodies, Glasgow City Council and NHS Greater Glasgow and Clyde. Both Glasgow City Council and NHS Greater Glasgow and Clyde submit a Public Bodies Climate Change Duties Report that will detail this.

**Taking action**

**4c What action has the body taken to adapt to climate change?**

Include details of work to increase awareness of the need to adapt to climate change and build the capacity of staff and stakeholders to assess risk and implement action. The body may wish to make reference to the Scottish Climate Change Adaptation Programme ("the Programme").

The accountability and responsibility for climate change governance, management and strategy in relation to the delivery of Council and Health Board services (including community health and social care) lies with Glasgow City IJB's partner statutory bodies, Glasgow City Council and NHS Greater Glasgow and Clyde. Both Glasgow City Council and NHS Greater Glasgow and Clyde submit a Public Bodies Climate Change Duties Report that will detail this.

<https://www.glasgow.gov.uk/index.aspx?articleid=27573>

<https://www.nhsggc.scot/downloads/nhsggc-sustainability-policy-2023/>

<https://www.nhsggc.scot/downloads/map-for-sustainability-and-climate-change/>

SSN Reports for Glasgow City Council [https://sustainablescotlandnetwork.org/slickr\\_media\\_upload?id=1992](https://sustainablescotlandnetwork.org/slickr_media_upload?id=1992)

SSN reports for GGC NHS [https://sustainablescotlandnetwork.org/slickr\\_media\\_upload?id=2020](https://sustainablescotlandnetwork.org/slickr_media_upload?id=2020)

**4d Where applicable, what contribution has the body made to helping deliver the Programme?**

Provide any other relevant supporting information

n/a



**Review, monitoring and evaluation**

**4e What arrangements does the body have in place to review current and future climate risks?**

Provide details of arrangements to review current and future climate risks, for example, what timescales are in place to review the climate change risk assessments referred to in Question 4(a) and adaptation strategies, action plans, procedures and policies in Question 4(b).

The accountability and responsibility for climate change governance, management and strategy in relation to the delivery of Council and Health Board services (including community health and social care) lies with Glasgow City IJB's partner statutory bodies, Glasgow City Council and NHS Greater Glasgow and Clyde. Both Glasgow City Council and NHS Greater Glasgow and Clyde submit a Public Bodies Climate Change Duties Report that will detail this.

**4f What arrangements does the body have in place to monitor and evaluate the impact of the adaptation actions?**

Please provide details of monitoring and evaluation criteria and adaptation indicators used to assess the effectiveness of actions detailed under Question 4(c) and Question 4(d).

n/a

**Future priorities for adaptation**

**4g What are the body's top 5 climate change adaptation priorities for the year ahead?**

Provide a summary of the areas and activities of focus for the year ahead.

The accountability and responsibility for climate change governance, management and strategy in relation to the delivery of Council and Health Board services (including community health and social care) lies with Glasgow City IJB's partner statutory bodies, Glasgow City Council and NHS Greater Glasgow and Clyde. Both Glasgow City Council and NHS Greater Glasgow and Clyde submit a Public Bodies Climate Change Duties Report that will detail this.

**Further information**

**4h Supporting information and best practice**

Provide any other relevant supporting information and any examples of best practice by the body in relation to adaption.

n/a

Public Sector Report on Compliance with Climate Change Duties 2024 Template

PART 5 Procurement

5a How have procurement policies contributed to compliance with climate change duties?

Provide information relating to how the procurement policies of the body have contributed to its compliance with climate changes duties.

The Glasgow City IJB has no legal basis on which to procure community health and social care services. This is a function of Glasgow City Council and NHS Greater and Glasgow. Both Glasgow City Council and NHS Greater Glasgow and Clyde submit a Public Bodies Climate Change Duties Report that will detail this.

5b How has procurement activity contributed to compliance with climate change duties?

Provide information relating to how procurement activity by the body has contributed to its compliance with climate changes duties.

The Glasgow City IJB has no legal basis on which to procure community health and social care services. This is a function of Glasgow City Council and NHS Greater and Glasgow. Both Glasgow City Council and NHS Greater Glasgow and Clyde submit a Public Bodies Climate Change Duties Report that will detail this.

Further information

5c Supporting information and best practice

Provide any other relevant supporting information and any examples of best practice by the body in relation to procurement.

n/a

Public Sector Report on Compliance with Climate Change Duties 2024 Template

PART 6 Validation and Declaration

6a Internal validation process

Briefly describe the body's internal validation process, if any, of the data or information contained within this report.

The accountability and responsibility for climate change governance, management and strategy in relation to the delivery of Council and Health Board services (including community health and social care) lies with Glasgow City IJB's partner statutory bodies, Glasgow City Council and NHS Greater Glasgow and Clyde. Therefore, Glasgow City IJB's Public Bodies Climate Change Duties Report has been shared with the Council's and Health Board's officers who submit their respective reports

6b Peer validation process

Briefly describe the body's peer validation process, if any, of the data or information contained within this report.

n/a

6c External validation process

Briefly describe the body's external validation process, if any, of the data or information contained within this report.

n/a

6d No Validation Process

If any information provided in this report has not been validated, identify the information in question and explain why it has not been validated.

n/a

6e Declaration

I confirm that the information in this report is accurate and provides a fair representation of the body's performance in relation to climate change.

Name:	Sharon Wearing
Role in the body:	Chief Officer Finance and Resources
Date:	18/11/2024 <span style="color: red;">Date in format (dd/mm/yyyy)</span>

Recommended Reporting: Reporting on Wider Influence

Wider Impact and Influence on GHG Emissions

Q1) Historic Emissions (Local Authorities Only)

Please indicate emission amounts and unit of measurement (e.g. tCO<sub>2</sub>e ) and years. Please provide information on the following components using data from the links provided below. Please use (1) as the default unless targets and actions relate to (2).

**Please note : territorial emissions of carbon dioxide (CO2), methane (CH4) and nitrous oxide (N2O) are provided, but not fluorinated gases, which are also included in the UK territorial greenhouse gas emissions statistics. Prior to the 2005 to 2020 publication the statistics covered emissions of carbon dioxide only**

(1) UK local and regional CO<sub>2</sub>e emissions: **subset dataset** (emissions within the scope of influence of local authorities):

(2) UK local and regional CO<sub>2</sub>e emissions: **full dataset**:

<https://data.gov.uk/dataset/723c243d-2f1a-4d27-8b61-cdb93e5b10ff/emissions-of-carbon-dioxide-for-local-authority-areas>

<b>Local Authority:(Please State)</b>	Please select from drop down box																
<b>DESNZ Dataset:(full or subset)</b>	Please select from drop down box																
Source	Sector	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Units	Comments		
DESNZ Sectors	Total Emissions	-	-	-	-	-	-	-	-	-	-	-	-	ktCO <sub>2</sub> e			
	Industry and Commercial													ktCO <sub>2</sub> e			
	Domestic													ktCO <sub>2</sub> e			
	Transport total													ktCO <sub>2</sub> e			
	Per Capita													ktCO <sub>2</sub> e			
Other Sectors	Please select from drop down box													Please select from drop down box			
	Please select from drop down box													Please select from drop down box			
	Please select from drop down box													Please select from drop down box			
	Please select from drop down box													Please select from drop down box			
	Please select from drop down box													Please select from drop down box			
	Please select from drop down box													Please select from drop down box			
	Please select from drop down box													Please select from drop down box			

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**2a) Targets**  
Please detail your wider influence targets

Sector	Description	Type of Target (units)	Baseline value	Start year	Target	Target/End year	Saving in latest year measured	Latest Year Measured	Comments
Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box	
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Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box	

**2b) Does the organisation have an overall mission statement, strategies, plans or policies outlining ambition to influence emissions beyond your corporate boundaries? If so, please detail this in the box below.**

**Q3) Policies and Actions to Reduce Emissions**

Please detail any of the specific policies and actions which are underway to achieve your emission reduction targets

Sector	Start year for policy/action implementation	Year that the policy/action will be fully implemented	Annual CO <sub>2</sub> saving once fully implemented (tCO <sub>2</sub> )	Latest Year measured	Saving in latest year measured (tCO <sub>2</sub> )	Status	Metric/indicators for monitoring progress	Delivery Role	During project/policy design and implementation, has ISM or an equivalent behaviour change tool been used?	Please give further details of this behaviour change activity.	Value of Investment (£)	Ongoing Costs (£/year)	Primary Funding Source for Implementation of Policy/Action	Comments
Please select from drop down box	Please select from drop down box	Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box	Please select from drop down box				Please select from drop down box	
Please select from drop down box	Please select from drop down box	Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box	Please select from drop down box				Please select from drop down box	
Please select from drop down box	Please select from drop down box	Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box	Please select from drop down box				Please select from drop down box	
Please select from drop down box	Please select from drop down box	Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box	Please select from drop down box				Please select from drop down box	
Please select from drop down box	Please select from drop down box	Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box	Please select from drop down box				Please select from drop down box	
Please select from drop down box	Please select from drop down box	Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box	Please select from drop down box				Please select from drop down box	

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Please provide any detail on data sources or limitations relating to the information provided in Table 3

**Q4) Partnership Working, Communications and Capacity Building**

Please detail your Climate Change Partnership, Communication or Capacity Building Initiatives below.

Key Action Type	Description	Organisation's project role	Lead Organisation (if not reporting organisation)	Private Partners	3rd Sector Partners	Outputs	Comments
Please select from drop down box		Please select from drop down box					
Please select from drop down box		Please select from drop down box					
Please select from drop down box		Please select from drop down box					
Please select from drop down box		Please select from drop down box					
Please select from drop down box		Please select from drop down box					
Please select from drop down box		Please select from drop down box					
Please select from drop down box		Please select from drop down box					
Please select from drop down box		Please select from drop down box					
Please select from drop down box		Please select from drop down box					

**Other Notable Reportable Activity**

**Q5) Please detail key actions relating to Food and Drink, Biodiversity, Water, Procurement and Resource Use in the table below**

Key Action Type	Key Action Description	Organisation's Project Role	Impacts	Comments
Please select from drop down box		Please select from drop down box		
Please select from drop down box		Please select from drop down box		
Please select from drop down box		Please select from drop down box		
Please select from drop down box		Please select from drop down box		
Please select from drop down box		Please select from drop down box		
Please select from drop down box		Please select from drop down box		
Please select from drop down box		Please select from drop down box		
Please select from drop down box		Please select from drop down box		
Please select from drop down box		Please select from drop down box		
Please select from drop down box		Please select from drop down box		

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**Q6) Please use the text box below to detail further climate change related activity that is not noted elsewhere within this reporting template**

*UK Government GHG Conversion Factors for Company Reporting*

**Factors by Category**

Category					
Scope	Level 1	Level 2	Level 3	UOM	GHG Conversion Factor 2023 (kgCO2e/unit)
Scope 1	Bioenergy	Biogas	Biogas	kWh	0.00022
Scope 1	Bioenergy	Biogas	Biogas	tonnes	1.23595
Scope 1	Bioenergy	Biogas	Landfill gas	kWh	0.0002
Scope 1	Bioenergy	Biomass	Wood chips	kWh	0.01074
Scope 1	Bioenergy	Biomass	Wood chips	tonnes	40.58114
Scope 1	Bioenergy	Biomass	Wood pellets	kWh	0.01074
Scope 1	Bioenergy	Biomass	Wood pellets	tonnes	51.56192
Scope 1	Fuels	Liquid fuels	Aviation spirit	kWh	0.24382
Scope 1	Fuels	Liquid fuels	Aviation spirit	litres	2.33116
Scope 1	Fuels	Liquid fuels	Aviation turbine fuel	kWh	0.24758
Scope 1	Fuels	Liquid fuels	Aviation turbine fuel	litres	2.54269
Scope 1	Fuels	Liquid fuels	Burning oil (Kerosene)	kWh	0.24677
Scope 1	Fuels	Liquid fuels	Burning oil (Kerosene)	litres	2.54016
Scope 1	Fuels	Liquid fuels	Burning oil (Kerosene)	tonnes	3165.04181
Scope 1	Fuels	Solid fuels	Coal (industrial)	tonnes	2396.47994

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Scope 1	Fuels	Liquid fuels	Diesel (100% mineral diesel)	litres	2.65937
Scope 1	Fuels	Liquid fuels	Diesel (average biofuel blend)	litres	2.51206
Scope 1	Fuels	Liquid fuels	Fuel oil	kWh	0.26813
Scope 1	Fuels	Liquid fuels	Fuel oil	litres	3.17492
Scope 1	Fuels	Liquid fuels	Fuel oil	tonnes	3228.89019
Scope 1	Fuels	Liquid fuels	Gas oil	kWh	0.2565
Scope 1	Fuels	Liquid fuels	Gas oil	litres	2.75541
Scope 1	Fuels	Liquid fuels	Gas oil	tonnes	3226.57859
Scope 1	Fuels	Gaseous fuels	LPG	kWh	0.21450
Scope 1	Fuels	Gaseous fuels	LPG	litres	1.55713
Scope 1	Fuels	Liquid fuels	Marine fuel oil	litres	3.10202
Scope 1	Fuels	Liquid fuels	Marine gas oil	litres	2.77139
Scope 1	Fuels	Gaseous fuels	Natural gas	kWh	0.18293
Scope 1	Fuels	Liquid fuels	Petrol (100% mineral petrol)	litres	2.34503
Scope 1	Fuels	Liquid fuels	Petrol (average biofuel blend)	litres	2.09747
Scope 1	Fuels	Gaseous fuels	Propane	kWh	0.2141
Scope 1	Fuels	Gaseous fuels	Propane	litres	1.54358
Scope 1	Fuels	Liquid fuels	Waste oils	kWh	0.25641
Scope 1	Fuels	Liquid fuels	Waste oils	litres	2.74924
Scope 1	Fuels	Liquid fuels	Waste oils	tonnes	3219.37916

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Scope 1	Medical gas (Process)	Other products	Desflurane	kg	2540
Scope 1	Medical gas (Process)	Other products	Sevoflurane	kg	130
Scope 1	Medical gas (Process)	Other products	Isoflurane	kg	510
Scope 1	Medical gas (Process)	Other products	Anaesthetic Nitrous Oxide	kg	298
Scope 1	Refrigerants	Other products	HFC-134a	kg	1300
Scope 1	Refrigerants	Other products	HFC-32	kg	677
Scope 1	Refrigerants	Blends	R404A	kg	3943
Scope 1	Refrigerants	Blends	R407C	kg	1624
Scope 1	Refrigerants	Blends	R410A	kg	1924
Scope 1	Refrigerants	Blends	R422D	kg	2473
Scope 1	Refrigerants	Blends	R422E	kg	2350
Scope 1	Refrigerants	Blends	R423A	kg	2274
Scope 1	Refrigerants	Blends	R424A	kg	2212
Scope 1	Refrigerants	Blends	R425A	kg	1431
Scope 1	Refrigerants	Blends	R426A	kg	1371
Scope 1	Refrigerants	Blends	R427A	kg	2024
Scope 1	Refrigerants	Blends	R428A	kg	3417
Scope 1	Refrigerants	Blends	R429A	kg	13.8
Scope 1	Refrigerants	Blends	R430A	kg	106
Scope 1	Refrigerants	Blends	R431A	kg	40

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Scope 1	Refrigerants	Blends	R432A	kg	1.8
Scope 1	Refrigerants	Blends	R433A	kg	0.64
Scope 1	Refrigerants	Blends	R433B	kg	0.16
Scope 1	Refrigerants	Blends	R433C	kg	0.55
Scope 1	Refrigerants	Blends	R434A	kg	3075
Scope 1	Refrigerants	Blends	R435A	kg	28.4
Scope 1	Refrigerants	Blends	R436A	kg	1.35
Scope 1	Refrigerants	Blends	R436B	kg	1.47
Scope 1	Refrigerants	Blends	R437A	kg	1639
Scope 1	Refrigerants	Blends	R438A	kg	2059
Scope 1	Refrigerants	Blends	R439A	kg	1828
Scope 1	Refrigerants	Blends	R440A	kg	156
Scope 1	Refrigerants	Blends	R441A	kg	0
Scope 1	Refrigerants	Blends	R442A	kg	1754
Scope 1	Refrigerants	Blends	R443A	kg	1
Scope 1	Refrigerants	Blends	R444A	kg	89
Scope 1	Refrigerants	Blends	R445A	kg	118
Scope 1	Refrigerants	Blends	R500	kg	7564
Scope 1	Refrigerants	Blends	R501	kg	3870
Scope 1	Refrigerants	Blends	R502	kg	4786

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Scope 1	Refrigerants	Blends	R503	kg	13299
Scope 1	Refrigerants	Blends	R504	kg	4299
Scope 1	Refrigerants	Blends	R505	kg	7956
Scope 1	Refrigerants	Blends	R506	kg	3857
Scope 1	Refrigerants	Blends	R507A	kg	3985
Scope 1	Refrigerants	Blends	R508A	kg	11607
Scope 1	Refrigerants	Blends	R508B	kg	11698
Scope 1	Refrigerants	Blends	R509A	kg	5758
Scope 1	Refrigerants	Blends	R510A	kg	1.24
Scope 1	Refrigerants	Blends	R511A	kg	7
Scope 1	Refrigerants	Blends	R512A	kg	196
Scope 1	Refrigerants	Other products	R600 = butane	kg	0.006
Scope 1	Refrigerants	Other products	R600A = isobutane	kg	3
Scope 1	Refrigerants	Other products	R601 = pentane	kg	5
Scope 1	Refrigerants	Other products	R601A = isopentane	kg	5
Scope 2	Heat and steam	Heat and steam	District heat and steam	kWh	0.17965
Scope 2	Heat and steam	Heat and steam	Onsite heat and steam	kWh	0.17965
Scope 2	Electricity	Electricity generated	Electricity: UK	kWh	0.20707
Scope 2	Renewables	Renewable Elec Purchase D	Renewable Elec Purchase Direct Supply	kWh	0
Scope 2	Renewables	Renewable Heat Purchase D	Renewable Heat Purchase Direct Supply	kWh	0

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Scope 2&3	Transport - car	Cars (by size)	Average business travel car - Battery Electric Vehicle	km	0.05480
Scope 2&3	Transport - car	Cars (by size)	Average business travel car - Battery Electric Vehicle	miles	0.08819
Scope 2&3	Transport - car	Cars (by size)	Average business travel car - Plug-in Hybrid Electric Vehicle	km	0.09392
Scope 2&3	Transport - car	Cars (by size)	Average business travel car - Plug-in Hybrid Electric Vehicle	miles	0.15113
Scope 3	Electricity	T&D- UK electricity	Transmission and distribution - Electricity: UK	kWh	0.01792
Scope 3	Heat and steam	Heat and steam	Transmission and distribution - district heat & steam, 5% loss	kWh	0.00945
Scope 3	Homeworking	Homeworking (office equipment)	Homeworking (office equipment + heating)	FTE Working Ho	0.33378
Scope 3	Hotel stay	Hotel stay	Hotel stay - UK	Room per night	10.4
Scope 3	Hotel stay	Hotel stay	Hotel stay - UK (London)	Room per night	11.5
Scope 3	Material use	Construction	Aggregates - Primary material production	tonnes	7.75138
Scope 3	Material use	Construction	Aggregates - Recycled source	tonnes	3.19491
Scope 3	Material use	Construction	Aggregates - Re-used	tonnes	2.21
Scope 3	Material use	Construction	Asphalt - Primary material production	tonnes	39.21249
Scope 3	Material use	Construction	Asphalt - Recycled source	tonnes	28.65491
Scope 3	Material use	Construction	Asphalt - Re-used	tonnes	1.73826
Scope 3	Material use	Construction	Average construction - Primary material production	tonnes	80.21282
Scope 3	Material use	Electrical items	Batteries - Alkaline - Primary material production	tonnes	4633.47826
Scope 3	Material use	Electrical items	Batteries - Li ion - Primary material production	tonnes	6308
Scope 3	Material use	Electrical items	Batteries - NiMh - Primary material production	tonnes	28380
Scope 3	Material use	Construction	Bricks - Primary material production	tonnes	241.75138
Scope 3	Material use	Other	Clothing - Primary material production	tonnes	22310
Scope 3	Material use	Other	Clothing - Re-used	tonnes	152.25
Scope 3	Material use	Organic	Compost derived from food and garden waste - Primary material production	tonnes	114.83405
Scope 3	Material use	Organic	Compost derived from garden waste - Primary material production	tonnes	112.01742
Scope 3	Material use	Construction	Concrete - Primary material production	tonnes	131.75138
Scope 3	Material use	Construction	Concrete - Recycled source	tonnes	3.19491
Scope 3	Material use	Electrical items	Electrical items - fridges and freezers - Primary material production	tonnes	4363.33333
Scope 3	Material use	Electrical items	Electrical items - IT - Primary material production	tonnes	24865.47556
Scope 3	Material use	Electrical items	Electrical items - large - Primary material production	tonnes	3267
Scope 3	Material use	Electrical items	Electrical items - small - Primary material production	tonnes	5647.94563

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Scope 3	Material use	Other	Food and drink - Primary material production	tonnes	3701.40359
Scope 3	Material use	Other	Glass - Primary material production	tonnes	1402.76667
Scope 3	Material use	Other	Glass - Recycled source	tonnes	823.18954
Scope 3	Material use	Construction	Insulation - Primary material production	tonnes	1861.75138
Scope 3	Material use	Construction	Insulation - Recycled source	tonnes	1852.08125
Scope 3	Material use	Metal	Metal: aluminium cans and foil (excl. forming) - Primary material production	tonnes	9108.72731
Scope 3	Material use	Metal	Metal: aluminium cans and foil (excl. forming) - Recycled source	tonnes	990.4781
Scope 3	Material use	Metal	Metal: mixed cans - Primary material production	tonnes	5254.64731
Scope 3	Material use	Metal	Metal: mixed cans - Recycled source	tonnes	1461.67759
Scope 3	Material use	Metal	Metal: scrap metal - Primary material production	tonnes	3669.43615
Scope 3	Material use	Metal	Metal: scrap metal - Recycled source	tonnes	1620.27606
Scope 3	Material use	Metal	Metal: steel cans - Primary material production	tonnes	3086.72731
Scope 3	Material use	Metal	Metal: steel cans - Recycled source	tonnes	1726.72731
Scope 3	Material use	Construction	Metals - Primary material production	tonnes	4005.13777
Scope 3	Material use	Construction	Metals - Recycled source	tonnes	1558.94894
Scope 3	Material use	Construction	Mineral oil - Primary material production	tonnes	1401
Scope 3	Material use	Construction	Mineral oil - Recycled source	tonnes	676
Scope 3	Material use	Paper	Paper and board: board - Primary material production	tonnes	801.52177
Scope 3	Material use	Paper	Paper and board: board - Recycled source	tonnes	699.88184
Scope 3	Material use	Paper	Paper and board: mixed - Primary material production	tonnes	868.06994
Scope 3	Material use	Paper	Paper and board: mixed - Recycled source	tonnes	718.56937
Scope 3	Material use	Paper	Paper and board: paper - Primary material production	tonnes	910.4781
Scope 3	Material use	Paper	Paper and board: paper - Recycled source	tonnes	730.4781
Scope 3	Material use	Construction	Plasterboard - Primary material production	tonnes	120.05
Scope 3	Material use	Construction	Plasterboard - Recycled source	tonnes	32.17
Scope 3	Material use	Plastic	Plastics: average plastic film - Primary material production	tonnes	2560.25566
Scope 3	Material use	Plastic	Plastics: average plastic film - Recycled source	tonnes	1890.70135
Scope 3	Material use	Plastic	Plastics: average plastic rigid - Primary material production	tonnes	3263.92202
Scope 3	Material use	Plastic	Plastics: average plastic rigid - Recycled source	tonnes	2744.09248
Scope 3	Material use	Plastic	Plastics: average plastics - Primary material production	tonnes	3102.44851

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Scope 3	Material use	Plastic	Plastics: average plastics - Recycled source	tonnes	2322.22425
Scope 3	Material use	Plastic	Plastics: HDPE (incl. forming) - Primary material production	tonnes	3255.9298
Scope 3	Material use	Plastic	Plastics: HDPE (incl. forming) - Recycled source	tonnes	2346.68907
Scope 3	Material use	Plastic	Plastics: LDPE and LLDPE (incl. forming) - Primary material production	tonnes	2586.72731
Scope 3	Material use	Plastic	Plastics: LDPE and LLDPE (incl. forming) - Recycled source	tonnes	1793.29541
Scope 3	Material use	Plastic	Plastics: PET (incl. forming) - Primary material production	tonnes	4018.48341
Scope 3	Material use	Plastic	Plastics: PET (incl. forming) - Recycled source	tonnes	3121.34429
Scope 3	Material use	Plastic	Plastics: PP (incl. forming) - Primary material production	tonnes	3090.8179
Scope 3	Material use	Plastic	Plastics: PP (incl. forming) - Recycled source	tonnes	2537.386
Scope 3	Material use	Plastic	Plastics: PS (incl. forming) - Primary material production	tonnes	3764.03981
Scope 3	Material use	Plastic	Plastics: PS (incl. forming) - Recycled source	tonnes	3187.08199
Scope 3	Material use	Plastic	Plastics: PVC (incl. forming) - Primary material production	tonnes	3399.17507
Scope 3	Material use	Plastic	Plastics: PVC (incl. forming) - Recycled source	tonnes	2485.74317
Scope 3	Material use	Construction	Soils - Recycled source	tonnes	0.98491
Scope 3	Material use	Construction	Tyres - Primary material production	tonnes	3335.5719
Scope 3	Material use	Construction	Tyres - Re-used	tonnes	731.21789
Scope 3	Material use	Construction	Wood - Primary material production	tonnes	312.61178
Scope 3	Material use	Construction	Wood - Recycled source	tonnes	112.96968
Scope 3	Material use	Construction	Wood - Re-used	tonnes	38.54288
Scope 3	Transport - car	Cars (by size)	Average car - Diesel	km	0.16983
Scope 3	Transport - car	Cars (by size)	Average car - Diesel	miles	0.27332
Scope 3	Transport - car	Cars (by size)	Average car - Hybrid	km	0.11898
Scope 3	Transport - car	Cars (by size)	Average car - Hybrid	miles	0.19147
Scope 3	Transport - car	Cars (by size)	Average car - Petrol	km	0.16391
Scope 3	Transport - car	Cars (by size)	Average car - Petrol	miles	0.26379
Scope 3	Transport - car	Cars (by size)	Average car - Unknown	km	0.16664
Scope 3	Transport - car	Cars (by size)	Average car - Unknown	miles	0.26817
Scope 1	Transport - car	Cars (by size)	Average fleet car - Battery Electric Vehicle	km	0
Scope 1	Transport - car	Cars (by size)	Average fleet car - Battery Electric Vehicle	miles	0
Scope 1	Transport - car	Cars (by size)	Average fleet car - Plug-in Hybrid Electric Vehicle	km	0.06588

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Scope 1	Transport - car	Cars (by size)	Average fleet car - Plug-in Hybrid Electric Vehicle	miles	0.10601
Scope 2&3	Transport - car	Cars (by size)	Large business travel car - Battery Electric Vehicle	km	0.05797
Scope 2&3	Transport - car	Cars (by size)	Large business travel car - Battery Electric Vehicle	miles	0.09330
Scope 2&3	Transport - car	Cars (by size)	Large business travel car - Plug-in Hybrid Electric Vehicle	km	0.10158
Scope 2&3	Transport - car	Cars (by size)	Large business travel car - Plug-in Hybrid Electric Vehicle	miles	0.16349
Scope 3	Transport - car	Cars (by size)	Large car - Diesel	km	0.20859
Scope 3	Transport - car	Cars (by size)	Large car - Diesel	miles	0.33570
Scope 3	Transport - car	Cars (by size)	Large car - Hybrid	km	0.15244
Scope 3	Transport - car	Cars (by size)	Large car - Hybrid	miles	0.24530
Scope 3	Transport - car	Cars (by size)	Large car - Petrol	km	0.27224
Scope 3	Transport - car	Cars (by size)	Large car - Petrol	miles	0.43812
Scope 3	Transport - car	Cars (by size)	Large car - Unknown	km	0.22612
Scope 3	Transport - car	Cars (by size)	Large car - Unknown	miles	0.36389
Scope 1	Transport - car	Cars (by size)	Large fleet car - Battery Electric Vehicle	km	0
Scope 1	Transport - car	Cars (by size)	Large fleet car - Battery Electric Vehicle	miles	0
Scope 1	Transport - car	Cars (by size)	Large fleet car - Plug-in Hybrid Electric Vehicle	km	0.07082
Scope 1	Transport - car	Cars (by size)	Large fleet car - Plug-in Hybrid Electric Vehicle	miles	0.11397
Scope 2&3	Transport - car	Cars (by size)	Medium business travel car - Battery Electric Vehicle	km	0.05257
Scope 2&3	Transport - car	Cars (by size)	Medium business travel car - Battery Electric Vehicle	miles	0.08458
Scope 2&3	Transport - car	Cars (by size)	Medium business travel car - Plug-in Hybrid Electric Vehicle	km	0.08501
Scope 2&3	Transport - car	Cars (by size)	Medium business travel car - Plug-in Hybrid Electric Vehicle	miles	0.13680
Scope 3	Transport - car	Cars (by size)	Medium car - Diesel	km	0.16716
Scope 3	Transport - car	Cars (by size)	Medium car - Diesel	miles	0.26902
Scope 3	Transport - car	Cars (by size)	Medium car - Hybrid	km	0.10904
Scope 3	Transport - car	Cars (by size)	Medium car - Hybrid	miles	0.17549
Scope 3	Transport - car	Cars (by size)	Medium car - Petrol	km	0.17819
Scope 3	Transport - car	Cars (by size)	Medium car - Petrol	miles	0.28676
Scope 3	Transport - car	Cars (by size)	Medium car - Unknown	km	0.17246
Scope 3	Transport - car	Cars (by size)	Medium car - Unknown	miles	0.27754
Scope 1	Transport - car	Cars (by size)	Medium fleet car - Battery Electric Vehicle	km	0.00000
Scope 1	Transport - car	Cars (by size)	Medium fleet car - Battery Electric Vehicle	miles	0.00000
Scope 1	Transport - car	Cars (by size)	Medium fleet car - Plug-in Hybrid Electric Vehicle	km	0.06144
Scope 1	Transport - car	Cars (by size)	Medium fleet car - Plug-in Hybrid Electric Vehicle	miles	0.09887
Scope 3	Transport - car	Motorbike	Motorbike - Average	km	0.11367
Scope 3	Transport - car	Motorbike	Motorbike - Average	miles	0.18294
Scope 2&3	Transport - car	Cars (by size)	Small business travel car - Battery Electric Vehicle	km	0.04823
Scope 2&3	Transport - car	Cars (by size)	Small business travel car - Battery Electric Vehicle	miles	0.07763
Scope 2&3	Transport - car	Cars (by size)	Small business travel car - Plug-in Hybrid Electric Vehicle	km	0.05402
Scope 2&3	Transport - car	Cars (by size)	Small business travel car - Plug-in Hybrid Electric Vehicle	miles	0.08694
Scope 3	Transport - car	Cars (by size)	Small car - Diesel	km	0.13931



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Scope 3	Transport - car	Cars (by size)	Small car - Diesel	miles	0.22420
Scope 3	Transport - car	Cars (by size)	Small car - Hybrid	km	0.10150
Scope 3	Transport - car	Cars (by size)	Small car - Hybrid	miles	0.16336
Scope 3	Transport - car	Cars (by size)	Small car - Petrol	km	0.14080
Scope 3	Transport - car	Cars (by size)	Small car - Petrol	miles	0.22660
Scope 3	Transport - car	Cars (by size)	Small car - Unknown	km	0.14037
Scope 3	Transport - car	Cars (by size)	Small car - Unknown	miles	0.22591
Scope 1	Transport - car	Cars (by size)	Small fleet car - Battery Electric Vehicle	km	0.00000
Scope 1	Transport - car	Cars (by size)	Small fleet car - Battery Electric Vehicle	miles	0.00000
Scope 1	Transport - car	Cars (by size)	Small fleet car - Plug-in Hybrid Electric Vehicle	km	0.02163
Scope 1	Transport - car	Cars (by size)	Small fleet car - Plug-in Hybrid Electric Vehicle	miles	0.03481
Scope 3	Transport - public	Bus	Average local bus	passenger.km	0.10215
Scope 3	Transport - public	Taxis	Black cab	km	0.30604
Scope 3	Transport - public	Taxis	Black cab	passenger.km	0.20402
Scope 3	Transport - public	Bus	Coach	passenger.km	0.02718
Scope 3	Transport - public	Ferry	Ferry - Average (all passenger)	passenger.km	0.11270
Scope 3	Transport - public	Ferry	Ferry - Car passenger	passenger.km	0.12933
Scope 3	Transport - public	Ferry	Ferry - Foot passenger	passenger.km	0.01871
Scope 3	Transport - public	Flights	Flights - Domestic, to/from UK - Average passenger	passenger.km	0.27258
Scope 3	Transport - public	Flights	Flights - International, to/from non-UK - Average passenger	passenger.km	0.17580
Scope 3	Transport - public	Flights	Flights - International, to/from non-UK - Business class	passenger.km	0.39044
Scope 3	Transport - public	Flights	Flights - International, to/from non-UK - Economy class	passenger.km	0.13464
Scope 3	Transport - public	Flights	Flights - International, to/from non-UK - First class	passenger.km	0.53854
Scope 3	Transport - public	Flights	Flights - International, to/from non-UK - Premium economy class	passenger.km	0.21542
Scope 3	Transport - public	Flights	Flights - Long-haul, to/from UK - Average passenger	passenger.km	0.26128
Scope 3	Transport - public	Flights	Flights - Long-haul, to/from UK - Business class	passenger.km	0.58029
Scope 3	Transport - public	Flights	Flights - Long-haul, to/from UK - Economy class	passenger.km	0.20011
Scope 3	Transport - public	Flights	Flights - Long-haul, to/from UK - First class	passenger.km	0.80040
Scope 3	Transport - public	Flights	Flights - Long-haul, to/from UK - Premium economy class	passenger.km	0.32016
Scope 3	Transport - public	Flights	Flights - Short-haul, to/from UK - Average passenger	passenger.km	0.18592
Scope 3	Transport - public	Flights	Flights - Short-haul, to/from UK - Business class	passenger.km	0.27430
Scope 3	Transport - public	Flights	Flights - Short-haul, to/from UK - Economy class	passenger.km	0.18287
Scope 3	Transport - public	Rail	International rail	passenger.km	0.00446
Scope 3	Transport - public	Rail	Light rail and tram	passenger.km	0.02860
Scope 3	Transport - public	Bus	Local bus (not London)	passenger.km	0.11836
Scope 3	Transport - public	Bus	Local London bus	passenger.km	0.07832
Scope 3	Transport - public	Rail	London Underground	passenger.km	0.02780
Scope 3	Transport - public	Rail	National rail	passenger.km	0.03546
Scope 3	Transport - public	Taxis	Regular taxi	km	0.20806
Scope 3	Transport - public	Taxis	Regular taxi	passenger.km	0.14861
Scope 2&3	Transport - van/HGV	Vans	Business Travel Van - Average (up to 3.5 tonnes) - Battery Electric	km	0.07346
Scope 2&3	Transport - van/HGV	Vans	Business Travel Van - Average (up to 3.5 tonnes) - Battery Electric	miles	0.11824
Scope 2&3	Transport - van/HGV	Vans	Business Travel Van - Class I (up to 1.305 tonnes) - Battery Electric	km	0.03850
Scope 2&3	Transport - van/HGV	Vans	Business Travel Van - Class I (up to 1.305 tonnes) - Battery Electric	miles	0.06197
Scope 2&3	Transport - van/HGV	Vans	Business Travel Van - Class II (1.305 to 1.74 tonnes) - Battery Electric	km	0.05932
Scope 2&3	Transport - van/HGV	Vans	Business Travel Van - Class II (1.305 to 1.74 tonnes) - Battery Electric	miles	0.09547
Scope 2&3	Transport - van/HGV	Vans	Business Travel Van - Class III (1.74 to 3.5 tonnes) - Battery Electric	km	0.08967
Scope 2&3	Transport - van/HGV	Vans	Business Travel Van - Class III (1.74 to 3.5 tonnes) - Battery Electric	miles	0.14430
Scope 1	Transport - van/HGV	Vans	Fleet Van - Average (up to 3.5 tonnes) - Battery Electric Vehicle	km	0
Scope 1	Transport - van/HGV	Vans	Fleet Van - Average (up to 3.5 tonnes) - Battery Electric Vehicle	miles	0

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Scope 1	Transport - van/HGV	Vans	Fleet Van - Class I (up to 1.305 tonnes) - Battery Electric Vehicle	km	0
Scope 1	Transport - van/HGV	Vans	Fleet Van - Class I (up to 1.305 tonnes) - Battery Electric Vehicle	miles	0
Scope 1	Transport - van/HGV	Vans	Fleet Van - Class II (1.305 to 1.74 tonnes) - Battery Electric Vehicle	km	0
Scope 1	Transport - van/HGV	Vans	Fleet Van - Class II (1.305 to 1.74 tonnes) - Battery Electric Vehicle	miles	0
Scope 1	Transport - van/HGV	Vans	Fleet Van - Class III (1.74 to 3.5 tonnes) - Battery Electric Vehicle	km	0
Scope 1	Transport - van/HGV	Vans	Fleet Van - Class III (1.74 to 3.5 tonnes) - Battery Electric Vehicle	miles	0
Scope 1	Transport - van/HGV	HGV (all diesel)	HGV (all diesel) - All artics - Average laden	km	0.90644
Scope 1	Transport - van/HGV	HGV (all diesel)	HGV (all diesel) - All artics - Average laden	miles	1.45877
Scope 1	Transport - van/HGV	HGV (all diesel)	HGV (all diesel) - All HGVs - Average laden	km	0.87205
Scope 1	Transport - van/HGV	HGV (all diesel)	HGV (all diesel) - All HGVs - Average laden	miles	1.40341
Scope 1	Transport - van/HGV	HGV (all diesel)	HGV (all diesel) - All rigids - Average laden	km	0.82313
Scope 1	Transport - van/HGV	HGV (all diesel)	HGV (all diesel) - All rigids - Average laden	miles	1.32470
Scope 1	Transport - van/HGV	HGVs refrigerated (all diesel)	HGVs refrigerated (all diesel) - All artics - Average laden	km	1.04867
Scope 1	Transport - van/HGV	HGVs refrigerated (all diesel)	HGVs refrigerated (all diesel) - All artics - Average laden	miles	1.68766
Scope 1	Transport - van/HGV	HGVs refrigerated (all diesel)	HGVs refrigerated (all diesel) - All HGVs - Average laden	km	1.02098
Scope 1	Transport - van/HGV	HGVs refrigerated (all diesel)	HGVs refrigerated (all diesel) - All HGVs - Average laden	miles	1.64310
Scope 1	Transport - van/HGV	HGVs refrigerated (all diesel)	HGVs refrigerated (all diesel) - All rigids - Average laden	km	0.98025
Scope 1	Transport - van/HGV	HGVs refrigerated (all diesel)	HGVs refrigerated (all diesel) - All rigids - Average laden	miles	1.57754
Scope 1	Transport - van/HGV	Vans	Vans - Average (up to 3.5 tonnes) - Diesel	km	0.23128
Scope 1	Transport - van/HGV	Vans	Vans - Average (up to 3.5 tonnes) - Diesel	miles	0.37224
Scope 1	Transport - van/HGV	Vans	Vans - Average (up to 3.5 tonnes) - Petrol	km	0.20132
Scope 1	Transport - van/HGV	Vans	Vans - Average (up to 3.5 tonnes) - Petrol	miles	0.32400
Scope 1	Transport - van/HGV	Vans	Vans - Average (up to 3.5 tonnes) - Unknown	km	0.23037
Scope 1	Transport - van/HGV	Vans	Vans - Average (up to 3.5 tonnes) - Unknown	miles	0.37075
Scope 1	Transport - van/HGV	Vans	Vans - Class I (up to 1.305 tonnes) - Diesel	km	0.14212
Scope 1	Transport - van/HGV	Vans	Vans - Class I (up to 1.305 tonnes) - Diesel	miles	0.22875
Scope 1	Transport - van/HGV	Vans	Vans - Class I (up to 1.305 tonnes) - Petrol	km	0.18217
Scope 1	Transport - van/HGV	Vans	Vans - Class I (up to 1.305 tonnes) - Petrol	miles	0.29318
Scope 1	Transport - van/HGV	Vans	Vans - Class II (1.305 to 1.74 tonnes) - Diesel	km	0.17405
Scope 1	Transport - van/HGV	Vans	Vans - Class II (1.305 to 1.74 tonnes) - Diesel	miles	0.28013
Scope 1	Transport - van/HGV	Vans	Vans - Class II (1.305 to 1.74 tonnes) - Petrol	km	0.19594
Scope 1	Transport - van/HGV	Vans	Vans - Class II (1.305 to 1.74 tonnes) - Petrol	miles	0.31534
Scope 1	Transport - van/HGV	Vans	Vans - Class III (1.74 to 3.5 tonnes) - Diesel	km	0.25346
Scope 1	Transport - van/HGV	Vans	Vans - Class III (1.74 to 3.5 tonnes) - Diesel	miles	0.40792
Scope 1	Transport - van/HGV	Vans	Vans - Class III (1.74 to 3.5 tonnes) - Petrol	km	0.31444
Scope 1	Transport - van/HGV	Vans	Vans - Class III (1.74 to 3.5 tonnes) - Petrol	miles	0.50605
Scope 3	Waste	Construction	Aggregates - Landfill	tonnes	1.23401
Scope 3	Waste	Construction	Aggregates - Recycled	tonnes	0.98491
Scope 3	Waste	Construction	Asbestos - Landfill	tonnes	5.91332
Scope 3	Waste	Construction	Asphalt - Landfill	tonnes	1.23401

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Scope 3	Waste	Construction	Asphalt - Recycled	tonnes	0.98491
Scope 3	Waste	Construction	Average construction - Combustion	tonnes	21.28081
Scope 3	Waste	Construction	Average construction - Recycled	tonnes	0.98491
Scope 3	Waste	Electrical items	Batteries - Landfill	tonnes	8.88413
Scope 3	Waste	Electrical items	Batteries - Recycled	tonnes	21.28081
Scope 3	Waste	Other	Books - Combustion	tonnes	21.07310
Scope 3	Waste	Other	Books - Landfill	tonnes	1164.09963
Scope 3	Waste	Other	Books - Recycled	tonnes	21.0731
Scope 3	Waste	Construction	Bricks - Landfill	tonnes	1.23401
Scope 3	Waste	Clinical	Clinical Waste - Orange Stream	tonnes	273
Scope 3	Waste	Clinical	Clinical Waste - Other	tonnes	1000
Scope 3	Waste	Clinical	Clinical Waste - Red Stream	tonnes	1000
Scope 3	Waste	Clinical	Clinical Waste - Yellow Stream	tonnes	297
Scope 3	Waste	Other	Clothing - Combustion	tonnes	21.28081
Scope 3	Waste	Other	Clothing - Landfill	tonnes	496.68331
Scope 3	Waste	Other	Clothing - Recycled	tonnes	21.28081
Scope 3	Waste	Refuse	Commercial and industrial waste - Combustion	tonnes	21.28081
Scope 3	Waste	Refuse	Commercial and industrial waste - Landfill	tonnes	520.33474
Scope 3	Waste	Construction	Concrete - Landfill	tonnes	1.23401
Scope 3	Waste	Construction	Concrete - Recycled	tonnes	0.98491
Scope 3	Waste	Other	Glass - Combustion	tonnes	21.28081
Scope 3	Waste	Other	Glass - Landfill	tonnes	8.88413
Scope 3	Waste	Other	Glass - Recycled	tonnes	21.28081
Scope 3	Waste	Refuse	Household/Municipal/Domestic waste - Combustion	tonnes	21.28081
Scope 3	Waste	Refuse	Household/Municipal/Domestic waste - Landfill	tonnes	497.04471
Scope 3	Waste	Refuse	Mixed dry recyclates - Recycled	tonnes	21.28081
Scope 3	Waste	Construction	Insulation - Landfill	tonnes	1.23401
Scope 3	Waste	Construction	Insulation - Recycled	tonnes	0.98491
Scope 3	Waste	Metal	Metal: aluminium cans and foil (excl. forming) - Combustion	tonnes	21.28081
Scope 3	Waste	Metal	Metal: aluminium cans and foil (excl. forming) - Landfill	tonnes	8.88413
Scope 3	Waste	Metal	Metal: aluminium cans and foil (excl. forming) - Recycled	tonnes	21.28081
Scope 3	Waste	Metal	Metal: mixed cans - Combustion	tonnes	21.28081
Scope 3	Waste	Metal	Metal: mixed cans - Landfill	tonnes	8.88413
Scope 3	Waste	Metal	Metal: mixed cans - Recycled	tonnes	21.28081
Scope 3	Waste	Metal	Metal: scrap metal - Combustion	tonnes	21.28081
Scope 3	Waste	Metal	Metal: scrap metal - Landfill	tonnes	8.88413
Scope 3	Waste	Metal	Metal: scrap metal - Recycled	tonnes	21.28081
Scope 3	Waste	Metal	Metal: steel cans - Combustion	tonnes	21.28081
Scope 3	Waste	Metal	Metal: steel cans - Landfill	tonnes	8.88413
Scope 3	Waste	Metal	Metal: steel cans - Recycled	tonnes	21.28081

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Scope 3	Waste	Construction	Metals - Landfill	tonnes	1.26435
Scope 3	Waste	Construction	Metals - Recycled	tonnes	0.98491
Scope 3	Waste	Construction	Mineral oil - Combustion	tonnes	21.28081
Scope 3	Waste	Construction	Mineral oil - Recycled	tonnes	21.28081
Scope 3	Waste	Refuse	Organic: food and drink waste - Anaerobic digestion	tonnes	8.91242
Scope 3	Waste	Refuse	Organic: food and drink waste - Combustion	tonnes	21.28081
Scope 3	Waste	Refuse	Organic: food and drink waste - Composting	tonnes	8.91242
Scope 3	Waste	Refuse	Organic: food and drink waste - Landfill	tonnes	700.20988
Scope 3	Waste	Refuse	Organic: garden waste - Anaerobic digestion	tonnes	8.91242
Scope 3	Waste	Refuse	Organic: garden waste - Combustion	tonnes	21.28081
Scope 3	Waste	Refuse	Organic: garden waste - Composting	tonnes	8.91242
Scope 3	Waste	Refuse	Organic: garden waste - Landfill	tonnes	646.60659
Scope 3	Waste	Refuse	Organic: mixed food and garden waste - Anaerobic digestion	tonnes	8.91242
Scope 3	Waste	Refuse	Organic: mixed food and garden waste - Combustion	tonnes	21.28081
Scope 3	Waste	Refuse	Organic: mixed food and garden waste - Composting	tonnes	8.91242
Scope 3	Waste	Refuse	Organic: mixed food and garden waste - Landfill	tonnes	655.98717
Scope 3	Waste	Paper	Paper and board: board - Combustion	tonnes	21.28081
Scope 3	Waste	Paper	Paper and board: board - Composting	tonnes	8.91242
Scope 3	Waste	Paper	Paper and board: board - Landfill	tonnes	1164.39042
Scope 3	Waste	Paper	Paper and board: board - Recycled	tonnes	21.28081
Scope 3	Waste	Paper	Paper and board: mixed - Combustion	tonnes	21.28081
Scope 3	Waste	Paper	Paper and board: mixed - Composting	tonnes	8.91242
Scope 3	Waste	Paper	Paper and board: mixed - Landfill	tonnes	1164.39042
Scope 3	Waste	Paper	Paper and board: mixed - Recycled	tonnes	21.28081
Scope 3	Waste	Paper	Paper and board: paper - Combustion	tonnes	21.28081
Scope 3	Waste	Paper	Paper and board: paper - Composting	tonnes	8.91242
Scope 3	Waste	Paper	Paper and board: paper - Landfill	tonnes	1164.39042
Scope 3	Waste	Paper	Paper and board: paper - Recycled	tonnes	21.28081
Scope 3	Waste	Construction	Plasterboard - Landfill	tonnes	71.95000
Scope 3	Waste	Construction	Plasterboard - Recycled	tonnes	21.28081
Scope 3	Waste	Plastic	Plastics: average plastic film - Combustion	tonnes	21.28081
Scope 3	Waste	Plastic	Plastics: average plastic film - Landfill	tonnes	8.88413
Scope 3	Waste	Plastic	Plastics: average plastic film - Recycled	tonnes	21.28081
Scope 3	Waste	Plastic	Plastics: average plastic rigid - Combustion	tonnes	21.28081
Scope 3	Waste	Plastic	Plastics: average plastic rigid - Landfill	tonnes	8.88413
Scope 3	Waste	Plastic	Plastics: average plastic rigid - Recycled	tonnes	21.28081
Scope 3	Waste	Plastic	Plastics: average plastics - Combustion	tonnes	21.28081
Scope 3	Waste	Plastic	Plastics: average plastics - Landfill	tonnes	8.88413
Scope 3	Waste	Plastic	Plastics: average plastics - Recycled	tonnes	21.28081
Scope 3	Waste	Plastic	Plastics: HDPE (incl. forming) - Combustion	tonnes	21.28081
Scope 3	Waste	Plastic	Plastics: HDPE (incl. forming) - Landfill	tonnes	8.88413
Scope 3	Waste	Plastic	Plastics: HDPE (incl. forming) - Recycled	tonnes	21.28081
Scope 3	Waste	Plastic	Plastics: LDPE and LLDPE (incl. forming) - Combustion	tonnes	21.28081
Scope 3	Waste	Plastic	Plastics: LDPE and LLDPE (incl. forming) - Landfill	tonnes	8.88413
Scope 3	Waste	Plastic	Plastics: LDPE and LLDPE (incl. forming) - Recycled	tonnes	21.28081
Scope 3	Waste	Plastic	Plastics: PET (incl. forming) - Combustion	tonnes	21.28081
Scope 3	Waste	Plastic	Plastics: PET (incl. forming) - Landfill	tonnes	8.88413
Scope 3	Waste	Plastic	Plastics: PET (incl. forming) - Recycled	tonnes	21.28081
Scope 3	Waste	Plastic	Plastics: PP (incl. forming) - Combustion	tonnes	21.28081
Scope 3	Waste	Plastic	Plastics: PP (incl. forming) - Landfill	tonnes	8.88413

**OFFICIAL**

**OFFICIAL**

Scope 3	Waste	Plastic	Plastics: PP (incl. forming) - Recycled	tonnes	21.28081
Scope 3	Waste	Plastic	Plastics: PS (incl. forming) - Combustion	tonnes	21.28081
Scope 3	Waste	Plastic	Plastics: PS (incl. forming) - Landfill	tonnes	8.88413
Scope 3	Waste	Plastic	Plastics: PS (incl. forming) - Recycled	tonnes	21.28081
Scope 3	Waste	Plastic	Plastics: PVC (incl. forming) - Combustion	tonnes	21.28081
Scope 3	Waste	Plastic	Plastics: PVC (incl. forming) - Landfill	tonnes	8.88413
Scope 3	Waste	Plastic	Plastics: PVC (incl. forming) - Recycled	tonnes	21.28081
Scope 3	Waste	Construction	Soils - Landfill	tonnes	19.51734
Scope 3	Waste	Construction	Soils - Recycled	tonnes	0.98491
Scope 3	Waste	Construction	Tyres - Recycled	tonnes	21.28081
Scope 3	Waste	Electrical items	WEEE - fridges and freezers - Landfill	tonnes	8.88413
Scope 3	Waste	Electrical items	WEEE - large - Combustion	tonnes	21.28081
Scope 3	Waste	Electrical items	WEEE - large - Landfill	tonnes	8.88413
Scope 3	Waste	Electrical items	WEEE - mixed - Combustion	tonnes	21.28081
Scope 3	Waste	Electrical items	WEEE - mixed - Recycled	tonnes	21.28081
Scope 3	Waste	Electrical items	WEEE - mixed - Landfill	tonnes	8.88413
Scope 3	Waste	Electrical items	WEEE - small - Combustion	tonnes	21.28081
Scope 3	Waste	Electrical items	WEEE - small - Landfill	tonnes	8.88413
Scope 3	Waste	Construction	Wood - Combustion	tonnes	21.28081
Scope 3	Waste	Construction	Wood - Composting	tonnes	8.91242
Scope 3	Waste	Construction	Wood - Landfill	tonnes	925.2445
Scope 3	Waste	Construction	Wood - Recycled	tonnes	21.28081
Scope 3	Water	Water supply	Water supply	cubic metres	0.1
Scope 3	Water	Water supply	Water supply	million litres	110.0
Scope 3	Water	Water supply	Water treatment	cubic metres	0.19
Scope 3	Water	Water supply	Water treatment	million litres	190
	END				