Agenda Item No. 9 (a)

South Ayrshire Council

Report by Chief Executive to Cabinet of 25 November 2025

Subject: South Ayrshire Council Public Bodies Climate Change Duties Annual Report 2024-2025

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1. Purpose

1.1 The purpose of this report is to present for approval the Council's statutorily required Public Bodies Climate Change Duties Annual Reporting for 2024-2025.

2. Recommendation

2.1 It is recommended that the Cabinet:

2.1.1 approves the annual report for national submission; and

2.1.2 recognises as highlighted in the analysis of the report both the positive results and the challenges the Council faces to increase the pace of change to fulfil the Council's duties and targets.

3. Background

3.1 In 2009, the Scottish Parliament passed the Climate Change (Scotland) Act. 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 delivery any (Scottish adaptation programme); and in a way that is considers most sustainable'.

3.2 The Council and many of its Community Planning Partners have had a responsibility to take forward these duties from 1 January 2011 (further information can be found in Scottish Government guidance for taking forward these duties available).

3.3 In the intervening period climate change has continued to climb up the national and international agenda. It is the accepted consensus, scientific and political, that the Council now only has a small window for decisive action to prevent the worst effects of climate change and that the Council must also now prepare for those already locked into the climate system. There are also recognised opportunities and benefits in responding to climate change and the evolving future resilient, low carbon economy now.

3.4 In June 2019 South Ayrshire Council adopted its first Sustainable Development and Climate Change Strategy. The second iteration of this strategy is now being

prepared to reflect developments both local, national and international which have taken place since the adoption of the first strategy. It should be noted that in October 2020 the Council approved a strengthened policy position agreeing organisational targets of a 75% reduction in emissions by 2030 and net zero by 2045 Climate Change Policy (south-ayrshire.gov.uk). It is important to note that these targets are based on a baseline of 2014/15 which was when a consistent organisational boundary was set, and they relate to emissions within that boundary.

3.5 It should also be highlighted that the Council's duties in relation to climate change reach far beyond the goal of achieving net zero – the net zero target is only a small part of what it must do and shouldn't on its own guide actions. The Council also has duties relating to adaptation and sustainability which require it to act in terms of climate justice and just transition, nature resilience and recovery and other key areas which cannot be separated if they are to be achieved successfully. It is important that it is recognised that delivering against its duties is about the way the Council delivers all services as opposed to a small number of stand-alone projects with specific environmental aims. While there may be a place for such projects, especially in a time of budget constriction as well as climate emergency, the focus should be on delivering every day services with a climate lens. The Council has a requirement to ensure that this daily business is done in a way which is sustainable for both the short and long term, and that the Council uses its influence as a local authority to support the changes it requires to see in the wider local area and with partners to delivery on Scotland's targets and vision for a low carbon, climate just and climate resilient future.

3.6 Further increased requirements are now being introduced for public bodies reporting, particularly local authorities, in order to increase the pace of change in relation to adaptation and mitigation, both organisational and area wide. More areas will soon require to be covered in the reporting include commuting, all modes of business travel and scope 3 emissions, and a requirement to report the organisations set targets in relation to these as well as overall and sectoral targets. It should be noted that South Ayrshire Council, in common with all Local Authorities, is supported in this work through the Sustainable Scotland Network and the Scottish Climate Intelligence Service. This offers great value, saves inhouse officer time, informs and supports the Council's approach, allowing the Council to share best practice, align collective effort in key areas and avoid duplication through working together with partners for best results such as COSLA, SoLACE, the Improvement Service, Scottish Government and other national public bodies.

4. Detail

4.1 It is proposed that the report (Appendix 1) is approved by Cabinet and submitted by 30 November 2025 to the Sustainable Scotland Network who are collating and analysing the reports on behalf of Scottish Government.

4.2 Members are asked to note the analysis of the report findings as set out in appendix 2, and this will be considered by the Corporate Leadership Team as they progress the work of the Council to increase the pace and depth of change on climate change and sustainability duties, including emissions reduction, climate resilience and just transition.

Key highlights from the analysis are as follows:

- Within boundary measured emissions as a Council have dropped by 6.5% since 2024/25 (the previous financial year), 32.7% since 2019/20 (the pre pandemic year), and 50.6% since 2014/15 (our baseline year from which our target is measured);
- A reduction in organisational emissions by over half since we began monitoring the current in boundary basket of emissions we have within our control a decade ago;
- Significantly our buildings emissions have dropped by 9% over the past year due to council interventions (as opposed to grid transition);
- Fleet emissions have also reduced, halting and reversing the trend of the previous year which had been going in the wrong direction; and
- Emissions from business mileage, i.e. mileage staff drive in their own cars for work purposes during the course of the working day, known also as *'grey fleet miles'*, have increase significantly to such an extent that our overall transport emissions have unfortunately increased by over 41 tonnes CO2e. Further enforcement of the council's adopted hierarchy of travel can be used to combat this rise going forward.

5. Legal and Procurement Implications

5.1 There are no legal implications arising from this report. The requirement for the Council to complete, approve and submit a version of the appended report template is, however, a legal requirement.

5.2 There are no procurement implications arising from this report.

6. Financial Implications

6.1 There are no financial implications arising directly from this report. However, compliance with national legislative requirements and delivery of the pace and depth of change required to meet our targets will have resource requirements, both in terms of how resources are deployed to deliver services, as well as in relation to the balance of the upfront costs in relation to whole life costs where more stringent standards are implemented. Financial implications arising from this will be considered as part of future capital and revenue budgets as well as within future Cabinet reports. As the Council makes savings going forward it will be increasingly important that the choices made set the Council on a low carbon, climate resilient trajectory.

7. Human Resources Implications

7.1 There are no human resource implications arising directly from this report. Our commitments will be delivered within existing resources with awareness and contribution from all staff.

8. Risk

8.1 ***Risk Implications of Adopting the Recommendations***

8.1.1 There are no risks associated with adopting the recommendations.

8.2 ***Risk Implications of Rejecting the Recommendations***

8.2.1 The risks associated with rejecting the recommendations are that the Council will fail to submit a report that is legislatively required to be made public by the Climate Change (Scotland) Act 2009 and the Climate

Change (Duties of Public Bodies: Reporting Requirements) (Scotland) Order 2015.

9. Integrated Impact Assessment (incorporating Equalities)

9.1 The proposals in this report allow scrutiny of performance. The report does not involve proposals for policies, strategies, procedures, processes, financial decisions and activities (including service delivery), both new and at review, that affect the Council's communities and employees, therefore an Integrated Impact Assessment is not required.

10. Sustainable Development Implications

10.1 ***Considering Strategic Environmental Assessment (SEA)*** - This report does not propose or seek approval for a plan, policy, programme or strategy or document otherwise described which could be considered to constitute a plan, programme, policy or strategy.

11. Options Appraisal

11.1 An options appraisal has not been carried out in relation to the subject matter of this report as it is a report on the council's performance, however many of the areas which contribute to the Council's efforts to tackle climate change have been the subject of option consideration and appraisal.

12. Link to Council Plan

12.1 The matters referred to in this report contribute to all the priorities and outcomes of the Council Plan.

13. Link to Shaping Our Future Council Yes ☐ No ☑

13.1 Not applicable.

14. Results of Consultation

14.1 There has been no public consultation on the contents of this report as the report if for public information.

14.2 Consultation has taken place with Councillor Martin Kilbride, Policy Lead for Housing and Property Services, and the contents of this report reflect any feedback provided.

15. Next Steps for Decision Tracking Purposes

15.1 If the recommendations above are approved by Members, the Chief Executive will ensure that all necessary steps are taken to ensure full implementation of the decision within the following timescales, with the completion status reported to the Cabinet in the 'Council and Cabinet Decision Log' at each of its meetings until such time as the decision is fully implemented:

Implementation	*Due date*	*Managed by*
Completed reporting template nationally to be made publicly available alongside reports of all other public bodies	30 November 2025	Service Lead – Performance, Community Planning and Sustainability
Prepare annual report for 2025/26	31 October 2026	Service Lead – Performance, Community Planning and Sustainability

Background Papers **Annual Climate Change Reports and national analysis 2014-15 to 2023-24, Reports**

Report to South Ayrshire Council of 1 October 2020 – Climate Change Policy

Report to Cabinet of 26 November 2024 – South Ayrshire Public Bodies Climate Change Duties Annual Report 2023-2024

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Date: 23 October 2025

Public Bodies Climate Change Duties Compliance Reporting Template 2025

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 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. If you need more rows in any table please email the file to ccreporting@ed.ac.uk.

2. You can hide any extra rows within tables and freeze panes to keep the header/column rows visible when scrolling in a long or wide table.

3. Double-click on a text cell that you want to paste in to, single-clicking may bring up an error message.

4. Please complete the "Boundary info" tab. This will enable improved assessment of data coverage and inform SSN analysis.

5. The "Profile of Body" tab must be completed before proceeding to add any other data.

6. 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 organsiation reports according to the academic year, usually August to July, you must use the Academic Year template.

7. In Q3b emissions sources can be filtered by type in Column C. The list of available factors is visble on the Emission Factors tab. Please do not edit this list, use "other" if an EF is not available.

8. 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.

9. 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.

10. 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

Public Bodies Climate Change Duties Compliance Reporting Template 2025

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 - data is available and is reported
NO - there is no emission source or activity
? - the source/activity occurs, but it is not monitored, or no data is currently available

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

Emissions source/activity		Select from dropdown list
Owned estate	Are any buildings owned by the public body?	Yes
Natural gas	Is natural gas used to heat any of the owned estate	Yes
Other heating & fuels	Are other heating fuels used on any of the owned estate	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?	No
Leased premises - private	Are building services managed and provided by a private landlord?	Yes
Purchased heat and steam	Is heat or steam purchased to supply any of the owned estate	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 any 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

Public Sector Report on Compliance with Climate Change Duties 2025 Template

PART 1 Profile of Reporting Body

1a Name of reporting body

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

South Ayrshire Council

1b Type of body

Select from the options below

Local Authorities

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

4971.74

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
Population size served	population	112,799	2011 census
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)	Households	57319.00	from Ayrshire Valuation Board Council Tax Register at 1/10/2025. Excludes commercial premises, garages and domestic storage premises
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
£364,599,000	Includes health and social care funding

1f Report type

Please select the appropriate reporting period to ensure that the correct set of emissions factors is auto-populated in Q3b.

Reporting type	Report year comments
Financial/Calendar/Other	Financial

1g Context

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

South Ayrshire Council is a Scottish Local Authority with wide ranging functions all of which have an inpact on and are impacted by climate change. South Ayrshire Council's operational area covers 476 square miles with a population of 112,799 (2011 census). The main population centres are Ayr, Prestwick, Troon, Girvan and Maybole, representing approximately 79% of the total. The remaining population is spread across a variety of rural areas ranging from Ballantrae in the south, to Dundonald in the north. Functions include education authority, planning authority, roads autority, social care and housing provider, environmental health, building standards, community development and leading the South Ayrshire Community Planning Partnership. Internal services such as fleet, ICT, procurement and HR are also in place to facilitate the external facing services.

Public Sector Report on Compliance with Climate Change Duties 2025 Template

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 Council's first Sustainable Development and Climate Change Strategy was approved in June 2019 with a formal launch in climate week in October 2019. It introduced new governance structures for sustainable development and climate change for South Ayrshire Council as shown on page 28 of the strategy and appended to this report. This includes a Member Officer Working Group chaired by a nominated Councillor with membership including at least 2 further elected members and other senior officers. Our progress on climate change is being reported annually to Cabinet, with other supporting papers or policies taken to Cabinet or Council, such as the Climate Change Policy Paper taken in October 2020 or the decision to introduce the Integrated Impact Assessment taken in September 2024. During the report year the council has also supported the South Ayrshire Sustainability Partnership which has met four times annually and is a Strategic Delivery Partnership within the Community Planning Structure, as such reporting to Community Planning Board. The Sustainability team sits within Performance, Policy and Community Planning, showing the strategic importance of this area and ensuring it is woven through all the business of the council, and this service area has now been moved into the Chief Executive's group of services. The most recent Council Plan was adopted in March 2023 which sets out how sustainability, climate change and biodiversity will be taken forward as a cross cutting theme along with other cross cutting themes in the new impact assessment for all council decisions. This has now been formally adopted by the council. Work towards the new Sustainable Development and Climate Change Strategy is now continuting following the draft national recommended template for local authority climate change strategies which was released late last year and was produced by Scottish Government following the ESS report recommendations.

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.

The Assistant Director - Corporate Policy, Strategy and Performance, is the managment lead on Climate Change and Sustainable Development with the Coordintor - Sustainability, Climate Change and Nature sitting within his group of services. Through this function steps have been taken to mainstream sustianable development, climate change and nature action into Service Plans and Team Plans across the organisation. The Sustainability Team also provides the Rangers Service which has a climate and biodiversity remit, engaging with policy and planning as well as connecting people practically and tanigibly with the climate and nature loss emergencies we are experiencing. As well as a Member Officer Working Group, the council's climate change and sustainable development strategy also introduced an officer led coordination group chaired by the service lead and a number of sub groups to take on specific challenges, all designed to support the member officer working group. The structure is shown on p28 of the strategy which is appended to the report. This is being reviewed as part of the forthcoming strategy renewal. The development of the Community Planning struture for delivery in this area was the first focus of this activity and is now bedding in. The Sustainability Partnership is now a Strategic Delivery Partnership with the Community Planning Partnership with four priority areas, Energy, Travel, Food and Nature, set out in the LOIP. The recently introduced Integrated Impact Assessment also places a requirement on all officers proposing a decision, be that in relation to policy, plan, project or strategy to consider climate change alongside other considerations throughout the development process and to be transparent about implications and mitigations when putting these decisions before cabinet, council or any other council panels.

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
Cross curring theme: sustainability, clima	Council plan 2023-2028	11/Council-Plan-2023-28/pdf/SAC_Council_Plan_2023-28_-_v4

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.

Yes - the council approved its first Sustainable Development and Climate Change Strategy in June 2019. The document is available on the council website. A further climate change policy paper was approved in October 2020 which can also be found on the council website. The next strategy is currently being prepared and will be subject to an Integrated Impact Assessment and further consultation as part of this process. Initial consultation has already been undertaken showing clear public support for climate action. This strategy will now be prepared in accordance with the new draft template issued by the Scottish Government for local authority climate change plans and will be updated on in the next annual report.

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				Included in Sustainable Development and Climate Change Strategy
Business travel	Travel and Subsitence Policy	https://thecore.south-ayrshire.gov.uk/article/477/Trave	From September 2025	Covers this in that it requires Hierarchy of Travel to be followed
Staff Travel	Travel and Subsitence Policy	https://thecore.south-ayrshire.gov.uk/article/477/Trave	From September 2025	Covers this in that it requires Hierarchy of Travel to be followed
Energy efficiency	Local Heat and Energy Efficiency Strategy	https://www.south-ayrshire.gov.uk/lhees	2024-2029	
Fleet transport	Fleet Strategy	https://archive.south-ayrshire.gov.uk/committee/comm	2021-2026	See also https://www.south-ayrshire.gov.uk/media/8576/item-7-Fleet-Strategy-Progress-Report/pdf/Item_7_-_REP_20230418_SPPP_Fleet_Strategy.pdf?m=63816820770710
ICT	ICT Strategy	https://www.south-ayrshire.gov.uk/media/11445/Digita	2023-2028	Covers this in that it has an impact on emissions, circular economy and resilience although this is not set out in
Renewable energy				
Sustainable/renewable heat	Local Heat and Energy Efficiency Strategy	http://www.south-ayrshire.gov.uk/LHEES	2024-2029	
Waste management	Waste Strategy 2021-31	https://www.south-ayrshire.gov.uk/media/2685/Waste	2021-2031	
Water and sewerage				
Land Use	South Ayrshire Local Plan 2	https://www.south-ayrshire.gov.uk/article/28782/Local	From August 2022-2032	
Other (please specify in comments)				
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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.

As stated in the Council Plan: "The council aims to both fulfil and show leadership in relation to our statutory climate change, sustainability, and biodiversity duties across all our services, decision making and work with partners. We have committed to be net zero by 2045 and to adapt to the already locked in impacts of a changing climate. In doing so we aim to ensure a just transition for people and nature, supporting ecological recovery and wellbeing, reducing inequalities and creating sustainable, liveable places where people are connected to nature, climate literate and understand the natural systems we rely on, are supported to develop green skills and can work in a fast-evolving local green jobs market, travel less overall and make active and sustainable travel choices first." Top 5 priorities for the year ahead can therefore be interpreted as: (1) working towards net zero (2) adapting to a changing climate (3) just transition for people and nature (4) ecological recovery (5) liveable places. Key actions for delivery of this include (1) implementation of the impact assessment for all decisions that ensures delivery against these requirements (2) adoption of a new sustainable development and climate change strategy and a local biodiversity strategy (3) resourcing the sustainability team team and other key areas to deliver against this (4) implementation of a Sustainable Design Guide for South Ayrshire Council, Local Heat and Energy Efficiency Strategy for South Ayrshire and an Energy Master Plan for Ayrshire (5) leadership via the Sustainability SDP of the Community Planning Partnership, including through locality planning and the other SDPs.

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 CCAT tool was used by South Ayrshire Council historically but not in recent years

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.

South Ayrshire Council works in partnership locally on climate change. In 2024/25 we have worked in partnership with the Energy Agency and 3 Councillors sit on the Board of that organisation including the Portfolio Holder who chairs it. By working together we extended our reach and had a greater influence in relation to energy efficiency and renewables, including reaching out to local businesses, delivery of CPD to local professionals and climate literacy training to council staff. We have also taken a strategic approach to engaging with all the local secondary schools by developing and running our Provost's School Footprint Challenge, which has brought all 9 secondaries together to share and learn from each other's best practice supported by the Sustainability Team. The Provost is involved in judging the award. South Ayrshire Council made a commitment to run air shows in Ayr annually for 5 years beginning in September 2023. While it is recognised that this will geneate harmful emissions, as part of this commitment the council is working with their delivery partners on 'AirshowZero', where the carbon footprint of the event will be measured and analysed with steps taken to reduce this year on year. STEM learning will be part of the event, sharing and teaching people how the aviation industry hopes to develop more efficient and less carbon intensive ways of flying going forward. Emissions recorded from aviation fuel used in delivery of the event feature in our annual reporting (see section 3b) and have dropped significantly in relation to the previous air show (approximately 151 tonnes CO2e to 90 tonnes CO2e). We hope to be able to record more footprint data from other aspects of the event in future years.

Public Sector Report on Compliance with Climate Change Duties 2025 Template

PART 3 Corporate Emissions, Targets and Project Data

Emissions

3a **Emissions from the start of the year which the body uses as a baseline (for its carbon footprint) to the end of the report year**

Complete the following table using the greenhouse gas emissions total for the body calculated on the same basis as for its annual carbon footprint / management reporting or, where applicable, its sustainability reporting. Include greenhouse gas emissions from the body's estate and operations (a) (measured and reported in accordance with Scopes 1 & 2 and, to the extent applicable, selected Scope 3 of the Greenhouse Gas Protocol (b). If data is not available for any year from the start of the baseline year to the end of the report year, provide an explanation in the comments column.

(a) No information is required on the effect of the body on emissions which are not from its estate and operations.

(b) This refers to "The greenhouse gas protocol. A corporate accounting and reporting standard (revised edition)", World Business Council for Sustainable Development, Geneva, Switzerland / World Resources Institute, Washington DC, USA (2004), ISBN: 1-56973-568-9.

Select appropriate baseline year. Total emissions for the latest year should equal total emissions in Q3b.

Reference year	Year	Year type	Scope 1	Scope 2	Scope 3	Total	Units	Comments
Baseline Year	2005/06	Financial/Calendar/Other	15,990	13,044	2,464	31,498.00	tCO_2e	
Year 1 carbon footprint	2006/07	Financial/Calendar/Other	14,948	12,446	2,387	29,781.00	tCO_2e	
Year 2 carbon footprint	2007/08	Financial/Calendar/Other	14,438	13,288	2,239	29,965.00	tCO_2e	
Year 3 carbon footprint	2008/09	Financial/Calendar/Other	14,091	13,833	2,323	30,247.00	tCO_2e	
Year 4 carbon footprint	2009/10	Financial/Calendar/Other	14,272	13,662	2,286	30,220.00	tCO_2e	
Year 5 carbon footprint	2010/11	Financial/Calendar/Other	13,450	13,513	2,172	29,135.00	tCO_2e	
Year 6 carbon footprint	2011/12	Financial/Calendar/Other	12,622	12,232	1,974	26,828.00	tCO_2e	
Year 7 carbon footprint	2012/13	Financial/Calendar/Other	13,182	12,339	1,842	27,363.00	tCO_2e	
Year 8 carbon footprint	2013/14	Financial/Calendar/Other	11,529	11,511	1,810	24,850.00	tCO_2e	
Year 9 carbon footprint	2014/15	Financial/Calendar/Other	12,270	13,023	2,350	27,643.00	tCO_2e	Consistent organisational boundary applied from this FY onwards
Year 10 carbon footprint	2015/16	Financial/Calendar/Other	12,630	12,005	1,955	26,590.00	tCO_2e	
Year 11 carbon footprint	2016/17	Financial/Calendar/Other	13,588	9,869	2,398	25,855.00	tCO_2e	
Year 12 carbon footprint	2017/18	Financial/Calendar/Other	10,915	9,060	2,439	22,414.00	tCO_2e	
Year 13 carbon footprint	2018/19	Financial/Calendar/Other	11,221	7,105	1,956	20,282.00	tCO_2e	
Year 14 carbon footprint	2019/20	Financial/Calendar/Other	11,568	6,070	1,784	19,422.00	tCO_2e	
Year 15 carbon footprint	2020/21	Financial/Calendar/Other	11,008	4,117	715	15,840.00	tCO_2e	
Year 16 carbon footprint	2021/22	Financial/Calendar/Other	10,203	4,612	2,998	17,813.00	tCO_2e	
Year 17 carbon footprint	2022/23	Financial/Calendar/Other	9,286.28	4,192.25	2,139.26	15,617.79	tCO_2e	This figure is consistent with our agreed organisational boundary since 2014/15. It should be noted that this does not include commuting or homeworking.
Year 18 carbon footprint	2023/24	Financial/Calendar/Other	8,953.77	4,934.42	712.18	14,600.37	tCO_2e	This figure is consistent with our agreed organisational boundary since 2014/15. It should be noted that this does not include commuting or home working.
Year 19 carbon footprint	2024/25	Financial/Calendar/Other	8490.975	4416.927	744.3172	13,652.22	tCO_2e	This figure is consistent with our agreed organisational boundary since 2014/15. It should be noted that this does not include commuting, homeworking or air show emissions, although homeworking and air show emissions are calculated and included in 3b.

3b **Breakdown of emissions sources** **Please do not delete rows or columns anywhere in this template. It is password protected to prevent corruption. Empty rows in tables can be hidden and panes can be frozen to enable scrolling in larger tables.**

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 kgCO2e 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 2024

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.

Please only use "Other" (row 131) if there is no relevant emission source in the dropdown list or consumption emissions have been derived from e.g. a survey or non-standard methodology. Extra rows can be added by sending the template to ccreporting@ed.ac.uk.

Emission Type	Emission source	Scope	Consumption data	Units	Emission factor	Units	Emissions (tCO_2e)	Comments
Electricity	Electricity: UK	Scope 2	18,096,059	kWh	0.20705	kg CO2e/kWh	3746.78902	Grid electricity in buildings, including
Electricity	Transmission and distribution - Electr	Scope 3	18,096,059	kWh	0.01830	kg CO2e/kWh	331.15788	Grid electricity in buildings, including
Electricity	Electricity: UK	Scope 2	3,236,598	kWh	0.20705	kg CO2e/kWh	670.13762	Street and traffic lighting
Electricity	Transmission and distribution - Electr	Scope 3	3,236,598	kWh	0.01830	kg CO2e/kWh	59.22974	Street and traffic lighting
Fuels	Natural gas	Scope 1	29,189,172	kWh	0.18290	kg CO2e/kWh	5338.69956	Natural gas in buildings, including PPP
Bioenergy	Wood pellets	Scope 1	118	tonnes	54.33654	kg CO2e/tonnes	6.41171	Estimate of biomass based on pellet
Fuels	Burning oil (Kerosene)	Scope 1	900	litres	2.54015	kg CO2e/litres	2.28614	Building heating
Fuels	Gas oil	Scope 1	76,954	litres	2.75541	kg CO2e/litres	212.03982	Gas oil procured for building heating
Fuels	LPG	Scope 1	3,017	litres	1.55713	kg CO2e/litres	4.69786	Building heating/use
Water	Water supply	Scope 3	206,928	cubic metres	0.08000	kg CO2e/cubic metres	16.55424	Clean water supply in buildings includ
Water	Water treatment	Scope 3	196,582	cubic metres	0.17000	kg CO2e/cubic metres	33.41894	Waste water sent for treatment includ
Fuels	Diesel (average biofuel blend)	Scope 1	1,018,897	litres	2.51279	kg CO2e/litres	2560.27316	Diesel used in fleet from depots
Fuels	Diesel (average biofuel blend)	Scope 1	11,359.83	litres	2.51279	kg CO2e/litres	28.54487	Diesel used from outside garages
Fuels	Petrol (average biofuel blend)	Scope 1	91,083	litres	2.08440	kg CO2e/litres	189.85320	Petrol used from outside garages
Waste	Metal: mixed cans - Recycled	Scope 3	1.56	tonnes	6.41061	kg CO2e/tonnes	0.01000	Council Waste Recycling
Waste	Plastics: average plastics - Recycled	Scope 3	6.24	tonnes	6.41061	kg CO2e/tonnes	0.04000	Council Waste Recycling
Waste	Commercial and industrial waste - Co	Scope 3	358.2	tonnes	6.41061	kg CO2e/tonnes	2.29628	Council General Waste Incineration Et
Waste	Organic: food and drink waste - Anae	Scope 3	14.03	tonnes	8.88386	kg CO2e/tonnes	0.12464	Council Waste - AD
Waste	Paper and board: mixed - Recycled	Scope 3	15.79	tonnes	6.41061	kg CO2e/tonnes	0.10122	Council Waste Recycling
Homeworking	Homeworking (office equipment + he	Scope 3	800,450	FTE Working Hour	0.33378	kg CO2e/FTE Working Hour	267.17416	Based on 11.5% of work being homew
Fuels	Gas oil	Scope 1	35,072	litres	2.75541	kg CO2e/litres	96.63774	Gas oil procured for golf machinery
Transport - car	Large car - Diesel	Please select from drop down box	87683.6	miles	0.33362	kg CO2e/miles	29.25300	Diesel and Hybrid Diesel above 2011c
Transport - car	Medium car - Diesel	Please select from drop down box	129213.2	miles	0.27050	kg CO2e/miles	34.95217	Diesel and Hybrid Diesel between 160
Transport - car	Small car - Diesel	Please select from drop down box	59814.95	miles	0.22522	kg CO2e/miles	13.47152	Diesel and Hybrid Diesel up to 1600cc
Transport - car	Large car - Petrol	Please select from drop down box	109983.7	miles	0.43267	kg CO2e/miles	47.58665	Petrol and Hybrid Petrol above 2001c
Transport - car	Medium car - Petrol	Please select from drop down box	326620	miles	0.28526	kg CO2e/miles	93.17162	Petrol and Hybrid Petrol between 140
Transport - car	Small car - Petrol	Please select from drop down box	236240.5	miles	0.23126	kg CO2e/miles	54.63298	Petrol and Hybrid Petrol up to 1400cc

Transport - car	Motorbike - Average	Please select from drop down box	1.3	miles	0.18293	kg CO2e/miles	0.00024	All motorcycle mileage claimed	
Transport - car	Average business travel car - Battery	Combined scopes (for EVs only)	410,111	miles	0.07636	kg CO2e/miles	31.31607	All electric mileage claimed	
Please select from drop down box	Please select from drop down box	Please select from drop down box					0.00000		Please state in comments if this value is 0 because no emissions exist or if emissions likely exist, but are unknown

Technology	Renewable Electricty Total consumed by the body (kWh)	Renewable Electricty Total exported (kWh)	Renewable Heat Total consumed by the body (kWh)	Renewable Heat Total exported (kWh)	Comments
Solar PV	143,305				PV figures are taken from FIT payment reads and estimated consumption of non-income arrays.
Air Source Heat Pump			56,470		Data from Dailly PS
Biomass			436,239		Biomass figures are taken from RHI payment reads
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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 contributing to Scotland achieving its emissions reduction targets.

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
75% reduction internal boundary emiss	Percentage	75% reduction in internal boundary emissi	total % reduction	Other (please specify in comments)	2014/15	27,643	tCO2e	2029/30	reduction of 13991	refers to consistent organisational boundary set in 2016
Net Zero internal boundary emissions b	Absolute	Net Zero internal boundary emissions by 2	tCO2e reduction	Other (please specify in comments)	2014/15	27,643	tCO2e	2029/30	reduction of 13991	refers to consistent organisational boundary set in 2016
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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.

South Ayrshire Council introduced carbon budgeting at the Service Level several years ago. Service Leads make day to day decisions about how they spend thei

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

Provide any other relevant supporting information, including links to published reports.

Referencing this report is unnecessary and an inadequate response.

Prior to submitting our annual reporting nationally to be made available via the SSN website the report is presented to cabinet and as such made available to th

Projects and changes

3e **Estimated total annual carbon savings from all projects implemented by the body in the report year**

If no projects were implemented for an emissions source, enter "0".

If there is body does not have any information for an emissions source, enter "Unknown".

If the body does not include the emissions source in its carbon footprint, enter "N/A".

Emissions source	Total estimated annual carbon savings (tCO_2e)	Comments
Electricity	12	As per projects noted in 3f
Natural gas	492	As per projects noted in 3f
Other heating fuels		
Waste		
Water and sewerage		
Travel		
Fleet transport		
Other (please specify in comments)		
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Total	**504**	

3f **Detail the top 10 carbon reduction projects to be carried out by the body in the report year**

Provide details of the 10 projects which are estimated to achieve the highest carbon savings during report year. Under "First full year of savings" enter the reporting period.

Project name	Funding source	First full year of CO_2e savings	Are these savings figures estimated or actual?	Capital cost (£)	Operational cost (£/annum)	Project lifetime (years)	Primary fuel/emission source saved	Estimated carbon savings per year (tCO_2e/annum)	Estimated costs savings (£/annum)	Behaviour Change	Comments
Girvan Academy - Lighting Replacement	SALIX	2024/25	Estimated	6,600		10	Electricity: UK	1	1,133	No	LED Lighting & controls
Crosshill PS - BMS Upgrade	SALIX	2024/25	Estimated	6,800		10	Natural gas	3	871	No	Trend upgrade
Whitletts AC - Lighting Replacement	SALIX	2024/25	Estimated	9,000		10	Electricity: UK	1	2,007	No	LED Lighting &
Dalmilling PS - Lighting Replacement	SALIX	2024/25	Estimated	6,340		10	Electricity: UK	1	1,921	No	LED Lighting &
Heathfield Recycling Centre - Solar PV	SALIX	2024/25	Estimated	38,500		10	Electricity: UK	6	6,903	No	Solar PV install
Girvan Academy - BMS Upgrade	SALIX	2024/25	Estimated	90,500		10	Natural gas	35	9,116	No	Trend upgrade
Coylton PS - BMS Upgrade	SALIX	2024/25	Estimated	27,000		10	Natural gas	11	2,748	No	Trend upgrade
Girvan Library - Lighting Replacement	SALIX	2024/25	Estimated	8,117		10	Electricity: UK	3	4,142	No	LED Lighting &
Riverside House - BMS Upgrade	SALIX	2024/25	Estimated	3,200		10	Natural gas	2	581	No	Trend upgrade
Building Energy Consumption Manager	Capital/SALIX	2024/25	Estimated			1	Natural gas	441	114,124	No	Reductions from holiday
Internal Recycling in Schools	Zero Waste Scotland	2023 / 2024	Estimated	166,089	n/a	10	Landfill gas	tbc	Unknown	Yes	This is ongoing and the waste
Food Waste Project	Zero Waste Scotland	2023 /2024	Estimated	61,456	n/a	Ongoing	Landfill gas	tbc	Unknown	Yes	Interventions to improve
			Please select from drop down box				Please select from drop down box			Please	
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			Please select from drop down box				Please select from drop down box			select from	

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_2e)	Increase or decrease in emissions	Comments
Estate changes	1	Increase	Compass Support Centre opening
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	
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Please select from drop down box		Please select from drop down box	
Total		**1**	

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_2e)	Comments
Electricity	29	Solar PV projects at Dailly PS, Muirhead PS and LED Lighting projects at Heathfield PS and Crosshill PS
Natural gas	121	BMS upgrade projects at Heathfield PS and Hillcrest, Swimming pool cover installs and Prestwick pool refurbishment
Other heating fuels		
Waste		
Water and sewerage		
Travel		
Fleet Transport		
Other (please specify in comments)		
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Total	**150**	

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_2e)	Increase or decrease in emissions	Comments
Estate changes	1	Decrease	Transfer of liability of 65 Club Prestwick.
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	

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Total		- 1	

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_2e)	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.

South Ayrshire Council was an early adopter of Carbon Management with a very early initial baseline year being established of 2005/6 and a Carbon Management Plan in place by 2008. A lot has been done in the interim period with many projects taking place but also much change in the organisation and in the international development of carbon reporting techniques. In June 2019 the council approved its first Sustainable Development and Climate Change Strategy and with an associated delivery structure. The requirement for all council buildings and transport to become net zero GHG emissions in line with national policy and the climate emergency was progressed through these structures and went before council for decision in October 2020. Carbon budgeting by service area was also been put in place to support delivery. South Ayrshire Council sustainability team supports communications and initiatives such as the Provost's School Footprint Challenge. The challenge sees all 9 secondary schools come together to share and learn from each other's best practice. In 2022 the council established a Net Zero Board group to drive forward activity to reduce our building emissions. Pilot projects were identified and feasibility reports completed for projects including energy centres and EnerPHit building retrofit. A new Building Energy Management System, IQ Vision, has also been installed which has improved the remote access to building heating controls and generated energy reductions for the council. We now have 116 remote access building connections encompassing the majority of our medium/large consuming sites and all Education buildings. The Council has also been successfully awarded funding from Scotland's Public Sector Heat Decarbonsation Fund to support the decarbonisation of Prestwick Swimming Pool. The refurbishment of Prestwick Pool during 2024-25 includes building fabric upgrades, installation of new air handling plant, installatation of solar PV and a BMS upgrade. The Council has now finalised new Sustainable Design Guidance which as it is implemented will see an improvement in the sustainability of new build and refurbishment projects taken forward by the council, reducing their footprint as well as creating better environments for their end users. All proposed budget savings or resource demands require to state their impact on carbon emissions when submitted by services for consideration. The Council has also introduced an Integrated Impact Assessment for all decisions which requires consideration and transparency of the impacts all decisions, including decisions to progress with plans and projects, will have on carbon emissions as well as a range of other variables including climate, nature and other considerations, in a holistic way. This should inform better decision making and support the delivery of the organisations carbon reduction targets. In 2022 the council established a Net Zero Board group to drive forward activity to reduce our building emissions. Pilot projects were identified and feasibility reports completed for projects including energy centres and EnerPHit building retrofit. A new Building Energy Management System, IQ Vision, has also been installed which has improved the remote access to building heating controls and generated energy reductions for the council. We now have 116 remote access building connections encompassing the majority of our medium/large consuming sites and all Education buildings. The Council has also been successfully awarded funding from Scotland's Public Sector Heat Decarbonisation Fund to support the decarbonisation of Prestwick Swimming Pool. The refurbishment of Prestwick Pool during 2024-25 includes building fabric upgrades, installation of new air handling plant, installation of solar PV and a BMS upgrade.

Public Sector Report on Compliance with Climate Change Duties 2025 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). **Please report assessments of current risk separate from future risk assessments, where feasible.**

Yes. The potential risk that the Council may fail to deliver its commitments under the public sector climate change duty has been identified. Full information explaining cause, potential effect, risk rating, current mitigations, proposed mitigations (and status on their progress) is contained within the Council's Directorate Risk Registers in 2024/25 and has also been elevated to the Council's Strategic Risk Register since 2021. More detailed assessment of adaptation and resilience related risks to different areas of service are still required although in some areas the work has begun, for example in relation to Coastal Change Adaptation Planning.

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.

Full details of the risk mitigations and the associated procedures, strategies and action plans are contained within Directorate Risk Registers in 2024/25 and the Strategic Risk Register. The Council also maintains Civil Contingency Plans and tests scenarios including severe weather, loss of utilities and pandemic illness. These are routinely reviewed with senior management teams to ensure plans are up to date and staff are familiar with the processes. Council plans and strategies play a role in increasing awareness of the need to adapt. The Local Development Plan 2 has provisions to help adapt to the effects of climate change through the protection of peat land, implementation of SUDS, support for and improvement of green networks. Our Open Space Strategy commits to incorporate adaptation measures where appropriate. The Council's online training and the Provost's School Footprint Challenge also all play a part in raising wider awareness of the need for climate change adaptation. Work has also now begun to develop Coastal Change Adaptation Plans for our coastline and Nature Networks using the AECOM tool which will support resilience for nature.

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").

Risk procedures outlined above play an important role in managing and responding to climate related risks for the organisation. Council plans and strategies play a role in increasing awareness of the need to adapt. The Local Development Plan 2 has provisions to help adapt to the effects of climate change through policies such as the protection of peat land, implementation of SUDS, support for and improvement of green networks. Our Open Space Strategy commits to incorporate adaptation measures where appropriate. The Council's online training offer, communications with staff and the Provost's School Footprint Challenge also all play a part in raising wider awareness of the need for climate change adaptation. In the report year the council has continued to harness natural sand dune succession processes to allow natural coastal defences to develop in some shore front locations. The use of local planting in shorefront areas with sand dune species has also been used to reduce erosion, reduce maintenance requirement, and protect assets. The Council has also undertaken focused studies in certain communities with identified challenges, for example Ballantrae coastal adaptation planning case study and Troon flood study.

4d **Where applicable, what contribution has the body made to helping deliver the Programme?**
Provide any other relevant supporting information

Implementation of the South Ayrshire Council, SEPA, and Scottish Water actions detailed in the 2nd cycle Ayrshire Flood Risk Management Plan are ongoing and providing improved understanding of flood risk from river, coastal and surface water flooding which will allow development of solutions to mitigate that flood risk. Development of the 3rd cycle Ayrshire Flood Risk Management Plan is in the early stages.
The Prestwick Strategic Drainage Project which we are working in partnership with Scottish Water to implement. That includes the St Ninians Park work and street works to remove surface water from the combined sewer system and installation of storm water tanks to improve the ability of the sewer system to deal with severe weather events. Public consultation has been carried out with positive feedback. South Ayrshire Council are in the process of procuring a ground investigation contract which will allow detailed design to progress.
The Troon Coastal Flood Study considers climate change scenarios when developing the coastal model. An options report and Coastal Change Adaptation Plan have now been developed for Troon. The Pow Burn flood study considers climate change scenarios when developing the river model and will consider possible actions that may be required to mitigate river flood risks identified.
The planning process in SAC considers climate change in terms of flood risk and all new developments must comply with the flood risk requirements of National Planning Framework 4 and Local Development Plan 2.
SAC also have an inspection regime for their coastal protection assets and carry out maintenance works on a priority basis.
The Ayrshire Shoreline Management Plan is a strategic document for managing the Ayrshire Coastline and climate change is considered as part of this management process. In line with the strategic policy objectives for Ballantrae detailed in the Ayrshire Shoreline Management Plan, South Ayrshire Council has an ongoing project following on from the findings of Dynamic Coast 2 which aims to improve understanding of coastal change in the area, identify the impacts that future sea level rise and climate change may have and develop adaptation measures to help manage this change. This project includes community engagement to raise awareness of the risks of future coastal change and gain community input to the development of adaptation pathways. It has now been agreed that this approach will be extended with a Coastal Change Adaptation Plan to be be developed for the full Ayrshire coastline including studies and engagement with coastal communities and stakeholders. A Decision Makers Toolkit and Education Pack will be prepared as part of that.
Sand dune restoration work along with other biodiversity and nature projects such as wildflower meadows help to make the council more resilient to a changing climate including different types of extreme weather events, flooding, dry periods etc. South Ayrshire Council work with the Energy Agency who manage the HEPS: ABS programme within the local area. The focus is on areas of fuel poverty. An LHEES has been developed led by Estates. Work continues to improve compliance levels with EESH and SHQS and provision is made for abeyances and exceptions within the Councils Local Housing Strategy 2017-22.

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).

In 2024-25 Climate Change Risk was managed within both the Directorate Risk Registers which are reviewed, updated, and approved at the Directorate Management Team on a six-monthly basis and the Council's Strategic Risk Register which was scrutinised and approved at both the Audit and Governance Panel and Cabinet on a 6 monthly basis. In 2024/25 the risk was owned and managed by the Directors of Communities and Transformation and Housing Development and Operations, as well as the Service Leads for Policy, Performance and Community Planning, Neighbourhood Services and Asset Management.

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).

All Risk Registers are regularly reviewed and updated on a six monthly basis. The level of risk is assessed and amended as appropriate when mitigation measures have been put in place and the level of risk reduced. It should be noted that the individual plans and projects which make a contribution in relation to adaptation as set out above have a varying monitoring and review processes set out within them, however particularly for wider ranging strategies these are not always focused on their adaptation outcomes. The Council's recently implemented Integrated Impact Assessment includes 10 environmental questions picking up both directly and indirectly on adaptation and climate resilience. It is hoped that implementation and monitoring of the IIA reporting and associated mitigation actions will help to deliver both an improvement in awareness and mainstreamed action on adaptation across the organisation as well as a bank of data to support monitoring and evaluation of progress.

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.

In June 2019 the Council adopted its new Sustainable Development and Climate Change Strategy. The impact of climate change for Scotland and South Ayrshire are discussed in the introduction and relevant actions are contained within the document. Many actions have a part to play in adaptation. These actions, which are for delivery over 5 years, include: - Develop a Food Strategy which will cover food growing as well as wider issues about food sustainability - Risks associated with climate change are given appropriate consideration on corporate and services risk registers - Ensure the Councill's climate change risks are assessed and covered appropriately through the service planning process - Use our natural environment and green infrastructure to help adapt to and mitigate the impacts of climate change - Raise awareness and understanding of climate change in primary and secondary schools and the wider community through Earth Hour and the Provost's School Footprint Challenge. - Work in partnership with businesses and communities to ensure infrastructure is resilient to the impacts of climate change - Embed a proactive approach to climate change adaptation in relevant council strategies and partnerships. In taking the strategy forward a key aspect will be considering 'Scotland Adapts: A Capability Framework for a Climate Ready Public Sector', which has been released since the development of the strategy. In early 2023 we carried out benchmarking of our progress against the framework and set out steps to progress across all four capabilities in a more targeted way. This will now be used to track our adaptation progress as opposed to the previous five steps approach. The development of the next iteration of the strategy is now underway and will encorporate this action plan to progress against the adaptation framework and SCAP3. We will also be developing a Coastal Change Adaptation Plan for all of the Ayrshire coastline along with North Ayrshire Council and this will include a Decision Makers Toolkit and an Education Pack.

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.

The Council was involved in the development of 'Climate Ready Biosphere' vision and action plan which increased both awareness and action being taken locally in relation to climate change adaptation. South Ayrshire Council continues to work with the South West Scotland Environmental Information Centre following the conclusion of the 'Where's Wildlife in Ayrshire' project. The council has participated in the benchmarking working group in relation to Scotland Adapts. In response to Dynamic Coast 2 the council is currently delivering an ongoing project looking at coastal erosion in Ballantrae and is now beginning the development of an Ayrshire Coastal Change Adaptation Plan together with North Ayrshire Council supported by NatureScot and Scottish Government. The Council has finalised new Sustainable Design Guidance which when implemented will see improvement in the sustainability of new build and refurbishment projects taken forward by the council, not only reducing their footprint and readying them to function in a low carbon future, but also increasing their resilience to a changing climate in South Ayrshire. The Council has also introduced an Integrated Impact Assessment proceedure for all council decisions which includes 10 environmental questions which address adaptation directly and indirectly, supporting better consideration and decision making in this area.

Public Sector Report on Compliance with Climate Change Duties 2025 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.

South Ayrshire Council's Sustainable Development and Climate Change Strategy sets out a coherent framework for Council projects, policies and initiatives which mitigates climate changing emissions, plans for adapting to the impacts of climate change and promotes sustainable development, including sustainability in procurement. Going forward, the Council's new Integrated Impact Assessment will also support this in relation to all decisions made by the Council. South Ayrshire Council is committed to achieving improved standards of sustainable procurement throughout the Council, in accordance with the duties set out within the Procurement Reform (Scotland Act) 2014.

Minmising the impact on the environment is a consideration for all tender excercises for procuring goods, services and works. In line with the Scottish Government's purpose of increasing sustainable economic growth, EU and UK 'green' procurement legislation, the Council initiates savings in materials, energy and waste, where possible and promotes a sustainable approach to the way we conduct our business.

This approach is in line with the Council's Procurement Strategy Key Objective 4; Development of Collaborative Opportunities and Fulfilment of Sustainable Procurement Duties and ensures that the Council complies with its Sustainable Procurement Duties, which is a mandatory requirement under the Reform Act. South Ayrshire Council continue to follow the Scottish Government's Sustainable Procurement Action Plan, in conjunction with statutory guidance, while updating our progress against sustainability targets using the Flexible Framework self-assessment tool (FFSAT).

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

At the Procurement strategy stage of every procurement exercise Procurement work with Service Leads from any particular area to identify what sustainability outcomes could be delivered via the contract in question. All tendered Procurement projects include SAC's standard clause on Sustainability, see below and all are considered for every tender exercise:

Sustainability Clause
South Ayrshire Council's Sustainable Development and Climate Change Strategy sets out a coherent framework for Council projects, policies and initiatives which mitigates climate changing emissions, plans for adapting to the impacts of climate change and promotes sustainable development, including sustainability in procurement.

Aligned to the objectives of the Scottish Government's Climate Change Plan (2018-2032) and National Performance Framework Sustainable Development goals, the Council aims to ensure delivery and compliance with this policy and practice to the highest level and is pro-actively encouraging organisations it contracts with to adopt similar commitments.

The Council requests that Tenderers detail, within their tender submission, how they will commit to Sustainable Pledges and ensure that, throughout the duration of the contract, sustainable benefits can be delivered through the products and services provided.
Examples of which could be:

• Sustainable products and services. Details of the steps the organisation will take to provide products and services that are designed for sustainability, as well as safety, minimising the environmental impacts arising from their delivery or use.
• Energy savings. The organisation's targets on reducing greenhouse gas emissions throughout the duration of the contract. Can energy use be reduced or will more renewable energy be used? Are there any efforts within the organisation to meet the Scottish Government's target of net zero greenhouse gas emissions by 2045, with a 75% reduction by 2030?
• Monitoring and recording emissions. The monitoring methods that will be employed by their organisation, throughout the duration of the contract, to record energy consumption and greenhouse gas emissions, including any baseline data to track improvements against.
• Waste reduction. Measures the organisation will take throughout the duration of the contract to generate less waste or increase the amount of waste that is reused and recycled.
• Transport solutions. Details of the organisation's use of more sustainable transport methods throughout the duration of the contract. Can more efficient methods of delivery be employed or are there any efforts within the organisation to adopt a more sustainable fleet?
• Recycle, reduce or re-use initiatives. Will the organisation employ any examples of the circular economy in the delivery of the contract?
• Climate change adaption. What action will be taken to increase the organisation's resilience to climate change risks, throughout the duration of the contract? This could include the development of business continuity plans in the event of threats to the natural environment, buildings, infrastructure networks and society such as flooding, storms, fires and food security.
• Climate change awareness. What organisational sustainability activities or training will be conducted throughout the duration of the contract? Will there be efforts to increase climate literacy and green job skills through training and the understanding of sustainable objectives among staff and members of the supply chain?
• Any other initiatives that will be implemented to reduce the organisation's impact upon the environment throughout the duration of the contract.
Under question [xx] of the Technical Envelope, Tenderers are required to provide details of any Sustainable Pledges that can be made in relation to this Contract.

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.

During 2023/24 the Council carried out multiple procurment exercises with sustainable pledges/submissions from suppliers. Some examples from our Minor Works Framework are below:

South Ayrshire's commitment to Sustainability is underlined via our supply chain by the development and maintenance of an Environmental Management System (EMS) which is accredited to ISO 14001:2015. Whilst delivering the Minor Frameworks works for South Ayrshire Council in order to minimise the impact on climate change and reduce carbon footprint, suppliers conduct business in accordance with their Environmental Management System (EMS)

Reuse of the following materials within our Minor Works Framework:

• Cardboard
• Paper
• Plastics
• Untreated wood
• Concrete
• Glass
• Metal
• Flooring (Carpeting / Vinyl / Laminate)
• Plasterboard
• Brick

Commitment from suppliers to acheive Net Zero by 2030.
Introduction of Hybrid and Electric vehicles for suppliers carying out property maintenance work for the Council.

The council has prepared a Sustainable Design Guide which will soon be finalised and implemented for design of new council buildings as well as refurbishments. This guide will support sustainable procurement including consideration of circularity and whole life costing.

Public Sector Report on Compliance with Climate Change Duties 2025 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.

Internal validation of gas and electricity data has been undertaken since the ending of CRC validation and this has involved continuous monthly and annual bill checking. This report is submitted for scrutiny and sign off by the Cabinet.

6b Peer validation process

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

Information is confirmed and collated from officers across the council by the sustainability team and is cross checked by the Service Lead - Performance, Policy and Community Planning before submission to Cabinet for further scrutiny and approval. The Council's Internal Audit team are also sighted on the work of the Sustainability Team.

6c External validation process

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

A waste data flow audit is undertaken by SEPA. No other external validation is undertaken on this report.

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:	Susan McCardie
Role in the body:	Service Lead Performance, Community Planning and Sustainability
Date:	31/10/2025 **Date in format (dd/mm/yyyy)**

Recommended Reporting: Reporting on Wider Influence

Wider Impact and Influence on GHG Emissions

Q1) Historic Emissions (Local Authorities Only)

Please indicate emissions and unit of measurement (e.g. tCO_2e) and years. Please populate data by selecting from the drop-down lists. Use (1) as the default unless targets and actions relate to (2).

Please note : territorial emissions of carbon dioxide (CO_2), methane (CH_4) and nitrous oxide (N_2O) are provided, but not fluorinated gases, which are included in the UK territorial greenhouse gas emissions statistics. Statistics were provided only for carbon dioxide emissions, prior to publication of the 2005 to 2020 dataset in 2022.

(1) UK local and regional CO2e emissions: **subset dataset** (emissions within the scope of influence of local authorities):

(2) UK local and regional CO2e emissions: **full dataset**:

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

Local Authority:(Please State)	South Ayrshire
DESNZ Dataset:(full or sub-set)	Subset

Source	Sector	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Units	Comments
DESNZ Sectors	Total Emissions	742.1	747.6	668.3	658.7	621.5	599.1	576.2	570.4	502.1	564.8	521.4	508.3	**ktCO2e**	
	Industry and Commercial	239.8	256.8	217.9	212.5	187.8	167.3	154.0	159.6	143.2	172.9	161.7	151.6	**ktCO2e**	
	Domestic	283.1	276.4	232.8	228.2	208.0	202.0	197.3	193.5	184.2	186.8	153.7	151.2	**ktCO2e**	
	Transport total	219.2	214.3	217.5	218.0	225.7	229.8	224.9	217.3	174.7	205.1	206.0	205.5	**ktCO2e**	
	Per Capita	7.2	7.2	6.4	6.4	6.0	5.8	5.5	5.5	4.8	5.4	5.0	4.9	**ktCO2e**	
Other Sectors	Please select from drop down box													Please select from drop	
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2a) Targets

Please detail any 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	Domestic waste and recycling	Please		Please		Please		Please select	
Please select from drop down box		Please		Please		Please		Please select	
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2b) Does the body have an overall mission statement, strategies, plans or policies outlining ambition to influence emissions beyond its corporate boundary?

	South Ayrshire Council is the lead partner in the South Ayrshire Community Planning Partnership and through this Partnership has developed a structure and a Local Outcome Improvement Plan which focuses on Sustainability as one of 5 key Strategic Delivery Partnerships and includes priorities of Energy, Travel, Food and Nature each with actions associated. This can be found here: https://www.south-ayrshire.gov.uk/article/61343/Local-Outcomes-Improvement-Plan-2024-2029 along with evidence of progress to date and consultation. South Ayrshire Council is also a key partner in the Regional Economic Strategy and Ayrshire Growth Deal which have include a priority on enhancing natural capital and a Clean Growth Workstream respectively.	

Through this work the Ayrshire Energy Masterplan has been produced and strategy and delivery in a number of areas influencing climate change beyond corporate emissions boundaries has been taken forward and continue to be developed. It is hoped that this work will all be captured in ClimateView with the support of the Scottish Climate Intellegence Service, allowing South Ayrshire Council and other partners to understand better the actions being taken forward which will drive area wide and regional emissions reductions and as a result how to improve our performance in relation to this.

Q3) Policies and Actions to Reduce Emissions

Please detail specific policies and actions underway to achieve emission reduction targets

Sector	Start year for policy/action implementation	Year that the policy/action will be fully implemented	Annual CO_2 saving once fully implemented (tCO_2)	Latest Year measured	Saving in latest year measured (tCO_2)	Status	Metric/indicators for monitoring progress	Delivery Role	During project/policy design and implementation, has ISM or an equivilent behaviour	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	
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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 climate change partnerships, communications or capacity building initiatives below.

Key Action Type	Description	Organisation's project role	Lead Organisation (if not reporting organisati	Private Partners	Public Partners	3rd Sector Partners	Outputs	Comments
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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		
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Q6) Please provide information on any other climate change-related activity that is not noted elsewhere in the template

Factors by Category

	Category						
Scope	**Level 1**	**Level 2**	**Level 3**	**UOM**	**GHG Conversion Factor 2025 (kgCO2e/unit)**	**GHG Conversion Factor 2024 (kgCO2e/unit)**	**Change since 2024**
Scope 1	Bioenergy	Biogas	Biogas	kWh	0.00022	0.00023	-4%
Scope 1	Bioenergy	Biogas	Biogas	tonnes	1.24314	1.26431	-2%
Scope 1	Bioenergy	Biogas	Landfill gas	kWh	0.0002	0.0002	0%
Scope 1	Bioenergy	Biomass	Wood chips	kWh	0.01150	0.01132	2%
Scope 1	Bioenergy	Biomass	Wood chips	tonnes	43.43964	42.76487	2%
Scope 1	Bioenergy	Biomass	Wood pellets	kWh	0.01150	0.01132	2%
Scope 1	Bioenergy	Biomass	Wood pellets	tonnes	55.19389	54.33654	2%
Scope 1	Fuels	Liquid fuels	Aviation spirit	kWh	0.24382	0.24382	0%
Scope 1	Fuels	Liquid fuels	Aviation spirit	litres	2.33116	2.33116	0%
Scope 1	Fuels	Liquid fuels	Aviation turbine fuel	kWh	0.24758	0.24758	0%
Scope 1	Fuels	Liquid fuels	Aviation turbine fuel	litres	2.54269	2.54269	0%
Scope 1	Fuels	Liquid fuels	Burning oil (Kerosene)	kWh	0.24677	0.24677	0%
Scope 1	Fuels	Liquid fuels	Burning oil (Kerosene)	litres	2.54016	2.54015	0%
Scope 1	Fuels	Liquid fuels	Burning oil (Kerosene)	tonnes	3165.04181	3165.04181	0%
Scope 1	Fuels	Solid fuels	Coal (industrial)	tonnes	2395.28994	2399.43994	0%
Scope 1	Fuels	Liquid fuels	Diesel (100% mineral diesel)	litres	2.66155	2.66155	0%
Scope 1	Fuels	Liquid fuels	Diesel (average biofuel blend)	litres	2.57082	2.51279	2%
Scope 1	Fuels	Liquid fuels	Fuel oil	kWh	0.26813	0.26814	0%
Scope 1	Fuels	Liquid fuels	Fuel oil	litres	3.17492	3.17493	0%
Scope 1	Fuels	Liquid fuels	Fuel oil	tonnes	3228.89019	3228.89019	0%
Scope 1	Fuels	Liquid fuels	Gas oil	kWh	0.2565	0.2565	0%
Scope 1	Fuels	Liquid fuels	Gas oil	litres	2.75541	2.75541	0%
Scope 1	Fuels	Liquid fuels	Gas oil	tonnes	3226.57859	3226.57859	0%
Scope 1	Fuels	Gaseous fuels	LPG	kWh	0.21450	0.21450	0%
Scope 1	Fuels	Gaseous fuels	LPG	litres	1.55713	1.55713	0%
Scope 1	Fuels	Liquid fuels	Marine fuel oil	litres	3.10202	3.10202	0%
Scope 1	Fuels	Liquid fuels	Marine gas oil	litres	2.77139	2.77139	0%
Scope 1	Fuels	Gaseous fuels	Natural gas	kWh	0.18296	0.18290	0%
Scope 1	Fuels	Liquid fuels	Petrol (100% mineral petrol)	litres	2.33984	2.35372	-1%
Scope 1	Fuels	Liquid fuels	Petrol (average biofuel blend)	litres	2.06916	2.08440	-1%
Scope 1	Fuels	Gaseous fuels	Propane	kWh	0.2141	0.2141	0%
Scope 1	Fuels	Gaseous fuels	Propane	litres	1.54358	1.54357	0%
Scope 1	Fuels	Liquid fuels	Waste oils	kWh	0.25641	0.25641	0%
Scope 1	Fuels	Liquid fuels	Waste oils	litres	2.74924	2.74923	0%
Scope 1	Fuels	Liquid fuels	Waste oils	tonnes	3219.37916	3219.37916	0%
Scope 1	Medical gas (Process)	Other products	Desflurane	kg	2540	2540	0%
Scope 1	Medical gas (Process)	Other products	Sevoflurane	kg	130	130	0%
Scope 1	Medical gas (Process)	Other products	Isoflurane	kg	510	510	0%
Scope 1	Medical gas (Process)	Other products	Anaesthetic Nitrous Oxide	kg	265	298	-11%
Scope 1	Refrigerants	Other products	HFC-134a	kg	1300	1300	0%
Scope 1	Refrigerants	Other products	HFC-32	kg	677	677	0%
Scope 1	Refrigerants	Blends	R404A	kg	3943	3943	0%
Scope 1	Refrigerants	Blends	R407C	kg	1624	1624	0%
Scope 1	Refrigerants	Blends	R410A	kg	1924	1924	0%
Scope 1	Refrigerants	Blends	R422D	kg	2473	2473	0%

Scope 1	Refrigerants	Blends	R422E	kg	2350	2350	0%
Scope 1	Refrigerants	Blends	R423A	kg	2274	2274	0%
Scope 1	Refrigerants	Blends	R424A	kg	2212	2212	0%
Scope 1	Refrigerants	Blends	R425A	kg	1431	1431	0%
Scope 1	Refrigerants	Blends	R426A	kg	1371	1371	0%
Scope 1	Refrigerants	Blends	R427A	kg	2024	2024	0%
Scope 1	Refrigerants	Blends	R428A	kg	3417	3417	0%
Scope 1	Refrigerants	Blends	R429A	kg	15.3	15.3	0%
Scope 1	Refrigerants	Blends	R430A	kg	106	106	0%
Scope 1	Refrigerants	Blends	R431A	kg	40	40	0%
Scope 1	Refrigerants	Blends	R432A	kg	1.8	1.8	0%
Scope 1	Refrigerants	Blends	R433A	kg	0.64	0.64	0%
Scope 1	Refrigerants	Blends	R433B	kg	0.16	0.16	0%
Scope 1	Refrigerants	Blends	R433C	kg	0.55	0.55	0%
Scope 1	Refrigerants	Blends	R434A	kg	3075	3076	0%
Scope 1	Refrigerants	Blends	R435A	kg	28.4	28.4	0%
Scope 1	Refrigerants	Blends	R436A	kg	1.35	1.35	0%
Scope 1	Refrigerants	Blends	R436B	kg	1.47	1.47	0%
Scope 1	Refrigerants	Blends	R437A	kg	1639	1639	0%
Scope 1	Refrigerants	Blends	R438A	kg	2059	2059	0%
Scope 1	Refrigerants	Blends	R439A	kg	1828	1828	0%
Scope 1	Refrigerants	Blends	R440A	kg	156	156	0%
Scope 1	Refrigerants	Blends	R441A	kg	0	0	0%
Scope 1	Refrigerants	Blends	R442A	kg	1754	1754	0%
Scope 1	Refrigerants	Blends	R443A	kg	1	1	0%
Scope 1	Refrigerants	Blends	R444A	kg	89	89	0%
Scope 1	Refrigerants	Blends	R445A	kg	118	118	0%
Scope 1	Refrigerants	Blends	R500	kg	7564	7564	0%
Scope 1	Refrigerants	Blends	R501	kg	3870	3870	0%
Scope 1	Refrigerants	Blends	R502	kg	4786	4786	0%
Scope 1	Refrigerants	Blends	R503	kg	13299	13299	0%
Scope 1	Refrigerants	Blends	R504	kg	4299	4299	0%
Scope 1	Refrigerants	Blends	R505	kg	7956	7956	0%
Scope 1	Refrigerants	Blends	R506	kg	3857	3857	0%
Scope 1	Refrigerants	Blends	R507A	kg	3985	3985	0%
Scope 1	Refrigerants	Blends	R508A	kg	11607	11607	0%
Scope 1	Refrigerants	Blends	R508B	kg	11698	11698	0%
Scope 1	Refrigerants	Blends	R509A	kg	5758	5758	0%
Scope 1	Refrigerants	Blends	R510A	kg	1.24	1.24	0%
Scope 1	Refrigerants	Blends	R511A	kg	7	7	0%
Scope 1	Refrigerants	Blends	R512A	kg	196	196	0%
Scope 1	Refrigerants	Other products	R600 = butane	kg	0.006	0.006	0%
Scope 1	Refrigerants	Other products	R600A = isobutane	kg	3	3	0%
Scope 1	Refrigerants	Other products	R601 = pentane	kg	5	5	0%
Scope 1	Refrigerants	Other products	R601A = isopentane	kg	5	5	0%
Scope 2	Heat and steam	Heat and steam	District heat and steam	kWh	0.17529	0.17965	-2%
Scope 2	Heat and steam	Heat and steam	Onsite heat and steam	kWh	0.17529	0.17965	-2%
Scope 2	Electricity	Electricity generated	Electricity: UK	kWh	0.17700	0.20705	-15%
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	0.04047	0.04745	-15%
Scope 2&3	Transport - car	Cars (by size)	Average business travel car - Battery Electric Vehicle	miles	0.06512	0.07636	-15%
Scope 2&3	Transport - car	Cars (by size)	Average business travel car - Plug-in Hybrid Electric Vehicle	km	0.10461	0.10853	-4%

Scope 2&3	Transport - car	Cars (by size)	Average business travel car - Plug-in Hybrid Electric Vehicle	miles	0.16834	0.17465	-4%
Scope 3	Electricity	T&D- UK electricity	Transmission and distribution - Electricity: UK	kWh	0.01853	0.01830	1%
Scope 3	Heat and steam	Heat and steam	Transmission and distribution - district heat & steam, 5% loss	kWh	0.00945	0.00946	0%
Scope 3	Homeworking	Homeworking (office equipment + heating)	Homeworking (office equipment + heating)	FTE Working Hour	0.33378	0.33378	0%
Scope 3	Hotel stay	Hotel stay	Hotel stay - UK	Room per night	10.4	10.4	0%
Scope 3	Hotel stay	Hotel stay	Hotel stay - UK (London)	Room per night	11.5	11.5	0%
Scope 3	Material use	Construction	Aggregates - Primary material production	tonnes	7.79306	7.75127	1%
Scope 3	Material use	Construction	Aggregates - Recycled source	tonnes	3.21835	3.19485	1%
Scope 3	Material use	Construction	Aggregates - Re-used	tonnes	2.21	2.21	0%
Scope 3	Material use	Construction	Asphalt - Primary material production	tonnes	39.21249	39.21249	0%
Scope 3	Material use	Construction	Asphalt - Recycled source	tonnes	28.67835	28.65485	0%
Scope 3	Material use	Construction	Asphalt - Re-used	tonnes	1.73826	1.73826	0%
Scope 3	Material use	Construction	Average construction - Primary material production	tonnes	75.00675	74.88652	0%
Scope 3	Material use	Electrical items	Batteries - Alkaline - Primary material production	tonnes	4633.47826	4633.47826	0%
Scope 3	Material use	Electrical items	Batteries - Li ion - Primary material production	tonnes	6308	6308	0%
Scope 3	Material use	Electrical items	Batteries - NiMh - Primary material production	tonnes	28380	28380	0%
Scope 3	Material use	Construction	Bricks - Primary material production	tonnes	241.79306	241.75127	0%
Scope 3	Material use	Other	Clothing - Primary material production	tonnes	22310	22310	0%
Scope 3	Material use	Other	Clothing - Re-used	tonnes	152.25	152.25	0%
Scope 3	Material use	Organic	Compost derived from food and garden waste - Primary material production	tonnes	114.90473	114.83347	0%
Scope 3	Material use	Organic	Compost derived from garden waste - Primary material production	tonnes	112.08811	112.01684	0%
Scope 3	Material use	Construction	Concrete - Primary material production	tonnes	118.79306	118.75127	0%
Scope 3	Material use	Construction	Concrete - Recycled source	tonnes	3.21835	3.19485	1%
Scope 3	Material use	Electrical items	Electrical items - fridges and freezers - Primary material production	tonnes	4363.33333	4363.33333	0%
Scope 3	Material use	Electrical items	Electrical items - IT - Primary material production	tonnes	24865.47556	24865.47556	0%
Scope 3	Material use	Electrical items	Electrical items - large - Primary material production	tonnes	3267	3267	0%
Scope 3	Material use	Electrical items	Electrical items - small - Primary material production	tonnes	5647.94563	5647.94563	0%
Scope 3	Material use	Other	Food and drink - Primary material production	tonnes	3701.40359	3701.40359	0%
Scope 3	Material use	Other	Glass - Primary material production	tonnes	1402.76667	1402.76667	0%
Scope 3	Material use	Other	Glass - Recycled source	tonnes	823.18954	823.18954	0%
Scope 3	Material use	Construction	Insulation - Primary material production	tonnes	1861.79306	1861.75127	0%
Scope 3	Material use	Construction	Insulation - Recycled source	tonnes	1852.12293	1852.08114	0%
Scope 3	Material use	Metal	Metal: aluminium cans and foil (excl. forming) - Primary material production	tonnes	9115.90131	9106.91851	0%
Scope 3	Material use	Metal	Metal: aluminium cans and foil (excl. forming) - Recycled source	tonnes	995.0779	990.4781	0%
Scope 3	Material use	Metal	Metal: mixed cans - Primary material production	tonnes	5114.62131	5105.63851	0%
Scope 3	Material use	Metal	Metal: mixed cans - Recycled source	tonnes	1525.52488	1461.67759	4%
Scope 3	Material use	Metal	Metal: scrap metal - Primary material production	tonnes	3473.11953	3464.56448	0%
Scope 3	Material use	Metal	Metal: scrap metal - Recycled source	tonnes	1706.42359	1620.27606	5%
Scope 3	Material use	Metal	Metal: steel cans - Primary material production	tonnes	2863.90131	2854.91851	0%
Scope 3	Material use	Metal	Metal: steel cans - Recycled source	tonnes	1823.90131	1726.72731	6%
Scope 3	Material use	Construction	Metals - Primary material production	tonnes	3824.09335	3815.78473	0%
Scope 3	Material use	Construction	Metals - Recycled source	tonnes	1638.74406	1630.78661	0%
Scope 3	Material use	Construction	Mineral oil - Primary material production	tonnes	1401	1401	0%
Scope 3	Material use	Construction	Mineral oil - Recycled source	tonnes	676	676	0%
Scope 3	Material use	Paper	Paper and board: board - Primary material production	tonnes	1199.72542	1193.96586	0%
Scope 3	Material use	Paper	Paper and board: board - Recycled source	tonnes	1098.11442	1092.35486	1%
Scope 3	Material use	Paper	Paper and board: mixed - Primary material production	tonnes	1288.50358	1282.74402	0%
Scope 3	Material use	Paper	Paper and board: mixed - Recycled source	tonnes	1068.77475	1063.01519	1%
Scope 3	Material use	Paper	Paper and board: paper - Primary material production	tonnes	1345.0779	1339.3183	0%
Scope 3	Material use	Paper	Paper and board: paper - Recycled source	tonnes	1050.0779	1044.3183	1%
Scope 3	Material use	Construction	Plasterboard - Primary material production	tonnes	120.05	120.05	0%
Scope 3	Material use	Construction	Plasterboard - Recycled source	tonnes	32.17	32.17	0%
Scope 3	Material use	Plastic	Plastics: average plastic film - Primary material production	tonnes	2916.50513	2910.46529	0%

Scope 3	Material use	Plastic	Plastics: average plastic film - Recycled source	tonnes	1103.56537	1094.58257	1%
Scope 3	Material use	Plastic	Plastics: average plastic rigid - Primary material production	tonnes	3354.28062	3345.30837	0%
Scope 3	Material use	Plastic	Plastics: average plastic rigid - Recycled source	tonnes	1915.72549	1906.70384	0%
Scope 3	Material use	Plastic	Plastics: average plastics - Primary material production	tonnes	3172.49932	3164.78049	0%
Scope 3	Material use	Plastic	Plastics: average plastics - Recycled source	tonnes	1575.39106	1566.38638	1%
Scope 3	Material use	Plastic	Plastics: HDPE (incl. forming) - Primary material production	tonnes	3095.1552	3086.3904	0%
Scope 3	Material use	Plastic	Plastics: HDPE (incl. forming) - Recycled source	tonnes	1770.79099	1761.80819	1%
Scope 3	Material use	Plastic	Plastics: LDPE and LLDPE (incl. forming) - Primary material production	tonnes	2965.07790	2959.31834	0%
Scope 3	Material use	Plastic	Plastics: LDPE and LLDPE (incl. forming) - Recycled source	tonnes	1097.90131	1088.91851	1%
Scope 3	Material use	Plastic	Plastics: PET (incl. forming) - Primary material production	tonnes	3863.90131	3854.91851	0%
Scope 3	Material use	Plastic	Plastics: PET (incl. forming) - Recycled source	tonnes	2213.90131	2204.91851	0%
Scope 3	Material use	Plastic	Plastics: PP (incl. forming) - Primary material production	tonnes	2577.5717	2568.5889	0%
Scope 3	Material use	Plastic	Plastics: PP (incl. forming) - Recycled source	tonnes	1312.572	1303.589	1%
Scope 3	Material use	Plastic	Plastics: PS (incl. forming) - Primary material production	tonnes	4376.80391	4367.44048	0%
Scope 3	Material use	Plastic	Plastics: PS (incl. forming) - Recycled source	tonnes	2669.76255	2660.39912	0%
Scope 3	Material use	Plastic	Plastics: PVC (incl. forming) - Primary material production	tonnes	2944.75615	2935.77335	0%
Scope 3	Material use	Plastic	Plastics: PVC (incl. forming) - Recycled source	tonnes	1847.82267	1838.83987	0%
Scope 3	Material use	Construction	Soils - Recycled source	tonnes	1.00835	0.98485	2%
Scope 3	Material use	Construction	Tyres - Primary material production	tonnes	3335.5719	3335.5719	0%
Scope 3	Material use	Construction	Tyres - Re-used	tonnes	731.21789	731.21789	0%
Scope 3	Material use	Construction	Wood - Primary material production	tonnes	269.50416	269.50416	0%
Scope 3	Material use	Construction	Wood - Recycled source	tonnes	no factor this year	no factor this year	
Scope 3	Material use	Construction	Wood - Re-used	tonnes	38.54288	38.54288	0%
Scope 3	Transport - car	Cars (by size)	Average car - Diesel	km	0.17304	0.16984	2%
Scope 3	Transport - car	Cars (by size)	Average car - Diesel	miles	0.27849	0.27334	2%
Scope 3	Transport - car	Cars (by size)	Average car - Hybrid	km	0.12825	0.12607	2%
Scope 3	Transport - car	Cars (by size)	Average car - Hybrid	miles	0.20639	0.20288	2%
Scope 3	Transport - car	Cars (by size)	Average car - Petrol	km	0.16272	0.16450	-1%
Scope 3	Transport - car	Cars (by size)	Average car - Petrol	miles	0.26187	0.26473	-1%
Scope 3	Transport - car	Cars (by size)	Average car - Unknown	km	0.16725	0.16691	0%
Scope 3	Transport - car	Cars (by size)	Average car - Unknown	miles	0.26915	0.26860	0%
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	0.09167	0.09360	-2%
Scope 1	Transport - car	Cars (by size)	Average fleet car - Plug-in Hybrid Electric Vehicle	miles	0.14751	0.15062	-2%
Scope 2&3	Transport - car	Cars (by size)	Large business travel car - Battery Electric Vehicle	km	0.04205	0.04925	-15%
Scope 2&3	Transport - car	Cars (by size)	Large business travel car - Battery Electric Vehicle	miles	0.06767	0.07925	-15%
Scope 2&3	Transport - car	Cars (by size)	Large business travel car - Plug-in Hybrid Electric Vehicle	km	0.11430	0.11923	-4%
Scope 2&3	Transport - car	Cars (by size)	Large business travel car - Plug-in Hybrid Electric Vehicle	miles	0.18396	0.19190	-4%
Scope 3	Transport - car	Cars (by size)	Large car - Diesel	km	0.21007	0.20729	1%
Scope 3	Transport - car	Cars (by size)	Large car - Diesel	miles	0.33808	0.33362	1%
Scope 3	Transport - car	Cars (by size)	Large car - Hybrid	km	0.15650	0.15486	1%
Scope 3	Transport - car	Cars (by size)	Large car - Hybrid	miles	0.25184	0.24921	1%
Scope 3	Transport - car	Cars (by size)	Large car - Petrol	km	0.26828	0.26885	0%
Scope 3	Transport - car	Cars (by size)	Large car - Petrol	miles	0.43175	0.43267	0%
Scope 3	Transport - car	Cars (by size)	Large car - Unknown	km	0.22678	0.22472	1%
Scope 3	Transport - car	Cars (by size)	Large car - Unknown	miles	0.36495	0.36164	1%
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	0.10033	0.10306	-3%
Scope 1	Transport - car	Cars (by size)	Large fleet car - Plug-in Hybrid Electric Vehicle	miles	0.16146	0.16587	-3%
Scope 2&3	Transport - car	Cars (by size)	Medium business travel car - Battery Electric Vehicle	km	0.03882	0.04625	-16%
Scope 2&3	Transport - car	Cars (by size)	Medium business travel car - Battery Electric Vehicle	miles	0.06246	0.07443	-16%

Scope 2&3	Transport - car	Cars (by size)	Medium business travel car - Plug-in Hybrid Electric Vehicle	km	0.08820	0.09312	-5%
Scope 2&3	Transport - car	Cars (by size)	Medium business travel car - Plug-in Hybrid Electric Vehicle	miles	0.14193	0.14985	-5%
Scope 3	Transport - car	Cars (by size)	Medium car - Diesel	km	0.17174	0.16807	2%
Scope 3	Transport - car	Cars (by size)	Medium car - Diesel	miles	0.27639	0.27050	2%
Scope 3	Transport - car	Cars (by size)	Medium car - Hybrid	km	0.11724	0.11490	2%
Scope 3	Transport - car	Cars (by size)	Medium car - Hybrid	miles	0.18869	0.18492	2%
Scope 3	Transport - car	Cars (by size)	Medium car - Petrol	km	0.17474	0.17726	-1%
Scope 3	Transport - car	Cars (by size)	Medium car - Petrol	miles	0.28121	0.28526	-1%
Scope 3	Transport - car	Cars (by size)	Medium car - Unknown	km	0.17322	0.17256	0%
Scope 3	Transport - car	Cars (by size)	Medium car - Unknown	miles	0.27877	0.27771	0%
Scope 1	Transport - car	Cars (by size)	Medium fleet car - Battery Electric Vehicle	km	0.00000	0.00000	
Scope 1	Transport - car	Cars (by size)	Medium fleet car - Battery Electric Vehicle	miles	0.00000	0.00000	
Scope 1	Transport - car	Cars (by size)	Medium fleet car - Plug-in Hybrid Electric Vehicle	km	0.07789	0.08120	-4%
Scope 1	Transport - car	Cars (by size)	Medium fleet car - Plug-in Hybrid Electric Vehicle	miles	0.12536	0.13066	-4%
Scope 3	Transport - car	Motorbike	Motorbike - Average	km	0.11367	0.11367	0%
Scope 3	Transport - car	Motorbike	Motorbike - Average	miles	0.18294	0.18293	0%
Scope 2&3	Transport - car	Cars (by size)	Small business travel car - Battery Electric Vehicle	km	0.03688	0.04284	-14%
Scope 2&3	Transport - car	Cars (by size)	Small business travel car - Battery Electric Vehicle	miles	0.05936	0.06895	-14%
Scope 2&3	Transport - car	Cars (by size)	Small business travel car - Plug-in Hybrid Electric Vehicle	km	0.05669	0.06078	-7%
Scope 2&3	Transport - car	Cars (by size)	Small business travel car - Plug-in Hybrid Electric Vehicle	miles	0.09123	0.09782	-7%
Scope 3	Transport - car	Cars (by size)	Small car - Diesel	km	0.14340	0.13994	2%
Scope 3	Transport - car	Cars (by size)	Small car - Diesel	miles	0.23078	0.22522	2%
Scope 3	Transport - car	Cars (by size)	Small car - Hybrid	km	0.11413	0.11274	1%
Scope 3	Transport - car	Cars (by size)	Small car - Hybrid	miles	0.18368	0.18143	1%
Scope 3	Transport - car	Cars (by size)	Small car - Petrol	km	0.14308	0.14370	0%
Scope 3	Transport - car	Cars (by size)	Small car - Petrol	miles	0.23027	0.23126	0%
Scope 3	Transport - car	Cars (by size)	Small car - Unknown	km	0.14322	0.14262	0%
Scope 3	Transport - car	Cars (by size)	Small car - Unknown	miles	0.23049	0.22953	0%
Scope 1	Transport - car	Cars (by size)	Small fleet car - Battery Electric Vehicle	km	0.00000	0.00000	
Scope 1	Transport - car	Cars (by size)	Small fleet car - Battery Electric Vehicle	miles	0.00000	0.00000	
Scope 1	Transport - car	Cars (by size)	Small fleet car - Plug-in Hybrid Electric Vehicle	km	0.03008	0.03012	0%
Scope 1	Transport - car	Cars (by size)	Small fleet car - Plug-in Hybrid Electric Vehicle	miles	0.04841	0.04848	0%
Scope 3	Transport - public	Bus	Average local bus	passenger.km	0.10385	0.10846	-4%
Scope 3	Transport - public	Taxis	Black cab	km	0.30604	0.30603	0%
Scope 3	Transport - public	Taxis	Black cab	passenger.km	0.20402	0.20402	0%
Scope 3	Transport - public	Bus	Coach	passenger.km	0.02776	0.02717	2%
Scope 3	Transport - public	Ferry	Ferry - Average (all passenger)	passenger.km	0.11270	0.11270	0%
Scope 3	Transport - public	Ferry	Ferry - Car passenger	passenger.km	0.12933	0.12933	0%
Scope 3	Transport - public	Ferry	Ferry - Foot passenger	passenger.km	0.01871	0.01871	0%
Scope 3	Transport - public	Flights	Flights - Domestic, to/from UK - Average passenger	passenger.km	0.22928	0.27257	-16%
Scope 3	Transport - public	Flights	Flights - International, to/from non-UK - Average passenger	passenger.km	0.14253	0.17580	-19%
Scope 3	Transport - public	Flights	Flights - International, to/from non-UK - Business class	passenger.km	0.31656	0.39044	-19%
Scope 3	Transport - public	Flights	Flights - International, to/from non-UK - Economy class	passenger.km	0.10916	0.13465	-19%
Scope 3	Transport - public	Flights	Flights - International, to/from non-UK - First class	passenger.km	0.43663	0.53854	-19%
Scope 3	Transport - public	Flights	Flights - International, to/from non-UK - Premium economy class	passenger.km	0.17465	0.21542	-19%
Scope 3	Transport - public	Flights	Flights - Long-haul, to/from UK - Average passenger	passenger.km	0.15282	0.26128	-42%
Scope 3	Transport - public	Flights	Flights - Long-haul, to/from UK - Business class	passenger.km	0.33940	0.58028	-42%
Scope 3	Transport - public	Flights	Flights - Long-haul, to/from UK - Economy class	passenger.km	0.11704	0.20011	-42%
Scope 3	Transport - public	Flights	Flights - Long-haul, to/from UK - First class	passenger.km	0.46814	0.80040	-42%
Scope 3	Transport - public	Flights	Flights - Long-haul, to/from UK - Premium economy class	passenger.km	0.18726	0.32015	-42%
Scope 3	Transport - public	Flights	Flights - Short-haul, to/from UK - Average passenger	passenger.km	0.12786	0.18592	-31%
Scope 3	Transport - public	Flights	Flights - Short-haul, to/from UK - Business class	passenger.km	0.18863	0.27430	-31%

Scope 3	Transport - public	Flights	Flights - Short-haul, to/from UK - Economy class	passenger.km	0.12576	0.18287	-31%
Scope 3	Transport - public	Rail	International rail	passenger.km	0.00446	0.00446	0%
Scope 3	Transport - public	Rail	Light rail and tram	passenger.km	0.02860	0.02860	0%
Scope 3	Transport - public	Bus	Local bus (not London)	passenger.km	0.12525	0.12999	-4%
Scope 3	Transport - public	Bus	Local London bus	passenger.km	0.06875	0.07447	-8%
Scope 3	Transport - public	Rail	London Underground	passenger.km	0.02780	0.02780	0%
Scope 3	Transport - public	Rail	National rail	passenger.km	0.03546	0.03546	0%
Scope 3	Transport - public	Taxis	Regular taxi	km	0.20806	0.20805	0%
Scope 3	Transport - public	Taxis	Regular taxi	passenger.km	0.14861	0.14861	0%
Scope 2&3	Transport - van/HGV	Vans	Business Travel Van - Average (up to 3.5 tonnes) - Battery Electric Vehicle	km	0.06976	0.07922	-12%
Scope 2&3	Transport - van/HGV	Vans	Business Travel Van - Average (up to 3.5 tonnes) - Battery Electric Vehicle	miles	0.11228	0.12752	-12%
Scope 2&3	Transport - van/HGV	Vans	Business Travel Van - Class I (up to 1.305 tonnes) - Battery Electric Vehicle	km	0.03798	0.04254	-11%
Scope 2&3	Transport - van/HGV	Vans	Business Travel Van - Class I (up to 1.305 tonnes) - Battery Electric Vehicle	miles	0.06113	0.06847	-11%
Scope 2&3	Transport - van/HGV	Vans	Business Travel Van - Class II (1.305 to 1.74 tonnes) - Battery Electric Vehicle	km	0.05777	0.06556	-12%
Scope 2&3	Transport - van/HGV	Vans	Business Travel Van - Class II (1.305 to 1.74 tonnes) - Battery Electric Vehicle	miles	0.09298	0.10553	-12%
Scope 2&3	Transport - van/HGV	Vans	Business Travel Van - Class III (1.74 to 3.5 tonnes) - Battery Electric Vehicle	km	0.07609	0.08929	-15%
Scope 2&3	Transport - van/HGV	Vans	Business Travel Van - Class III (1.74 to 3.5 tonnes) - Battery Electric Vehicle	miles	0.12246	0.14369	-15%
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	0.92854	0.90581	3%
Scope 1	Transport - van/HGV	HGV (all diesel)	HGV (all diesel) - All artics - Average laden	miles	1.49432	1.45775	3%
Scope 1	Transport - van/HGV	HGV (all diesel)	HGV (all diesel) - All HGVs - Average laden	km	0.89121	0.87296	2%
Scope 1	Transport - van/HGV	HGV (all diesel)	HGV (all diesel) - All HGVs - Average laden	miles	1.43425	1.40489	2%
Scope 1	Transport - van/HGV	HGV (all diesel)	HGV (all diesel) - All rigids - Average laden	km	0.83751	0.82657	1%
Scope 1	Transport - van/HGV	HGV (all diesel)	HGV (all diesel) - All rigids - Average laden	miles	1.34783	1.33023	1%
Scope 1	Transport - van/HGV	HGVs refrigerated (all diesel)	HGVs refrigerated (all diesel) - All artics - Average laden	km	1.07395	1.04817	2%
Scope 1	Transport - van/HGV	HGVs refrigerated (all diesel)	HGVs refrigerated (all diesel) - All artics - Average laden	miles	1.72834	1.68685	2%
Scope 1	Transport - van/HGV	HGVs refrigerated (all diesel)	HGVs refrigerated (all diesel) - All HGVs - Average laden	km	1.04323	1.02228	2%
Scope 1	Transport - van/HGV	HGVs refrigerated (all diesel)	HGVs refrigerated (all diesel) - All HGVs - Average laden	miles	1.67891	1.64520	2%
Scope 1	Transport - van/HGV	HGVs refrigerated (all diesel)	HGVs refrigerated (all diesel) - All rigids - Average laden	km	0.99739	0.98435	1%
Scope 1	Transport - van/HGV	HGVs refrigerated (all diesel)	HGVs refrigerated (all diesel) - All rigids - Average laden	miles	1.60513	1.58414	1%
Scope 1	Transport - van/HGV	Vans	Vans - Average (up to 3.5 tonnes) - Diesel	km	0.25561	0.25023	2%
Scope 1	Transport - van/HGV	Vans	Vans - Average (up to 3.5 tonnes) - Diesel	miles	0.41138	0.40273	2%
Scope 1	Transport - van/HGV	Vans	Vans - Average (up to 3.5 tonnes) - Petrol	km	0.21335	0.22095	-3%
Scope 1	Transport - van/HGV	Vans	Vans - Average (up to 3.5 tonnes) - Petrol	miles	0.34336	0.35558	-3%
Scope 1	Transport - van/HGV	Vans	Vans - Average (up to 3.5 tonnes) - Unknown	km	0.25430	0.24934	2%
Scope 1	Transport - van/HGV	Vans	Vans - Average (up to 3.5 tonnes) - Unknown	miles	0.40926	0.40127	2%
Scope 1	Transport - van/HGV	Vans	Vans - Class I (up to 1.305 tonnes) - Diesel	km	0.15738	0.15356	2%
Scope 1	Transport - van/HGV	Vans	Vans - Class I (up to 1.305 tonnes) - Diesel	miles	0.25329	0.24716	2%
Scope 1	Transport - van/HGV	Vans	Vans - Class I (up to 1.305 tonnes) - Petrol	km	0.20188	0.20071	1%
Scope 1	Transport - van/HGV	Vans	Vans - Class I (up to 1.305 tonnes) - Petrol	miles	0.32490	0.32299	1%
Scope 1	Transport - van/HGV	Vans	Vans - Class II (1.305 to 1.74 tonnes) - Diesel	km	0.19260	0.18832	2%
Scope 1	Transport - van/HGV	Vans	Vans - Class II (1.305 to 1.74 tonnes) - Diesel	miles	0.30996	0.30309	2%
Scope 1	Transport - van/HGV	Vans	Vans - Class II (1.305 to 1.74 tonnes) - Petrol	km	0.20874	0.21709	-4%
Scope 1	Transport - van/HGV	Vans	Vans - Class II (1.305 to 1.74 tonnes) - Petrol	miles	0.33594	0.34936	-4%
Scope 1	Transport - van/HGV	Vans	Vans - Class III (1.74 to 3.5 tonnes) - Diesel	km	0.27878	0.27365	2%
Scope 1	Transport - van/HGV	Vans	Vans - Class III (1.74 to 3.5 tonnes) - Diesel	miles	0.44866	0.44042	2%

Scope 1	Transport - van/HGV	Vans	Vans - Class III (1.74 to 3.5 tonnes) - Petrol	km	0.33845	0.34923	-3%
Scope 1	Transport - van/HGV	Vans	Vans - Class III (1.74 to 3.5 tonnes) - Petrol	miles	0.54468	0.56201	-3%
Scope 3	Waste	Construction	Aggregates - Landfill	tonnes	1.26338	1.23393	2%
Scope 3	Waste	Construction	Aggregates - Recycled	tonnes	1.00835	0.98485	2%
Scope 3	Waste	Construction	Asbestos - Landfill	tonnes	5.94160	5.91325	0%
Scope 3	Waste	Construction	Asphalt - Landfill	tonnes	1.26338	1.23393	2%
Scope 3	Waste	Construction	Asphalt - Recycled	tonnes	1.00835	0.98485	2%
Scope 3	Waste	Construction	Average construction - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Construction	Average construction - Recycled	tonnes	1.00835	0.98485	2%
Scope 3	Waste	Electrical items	Batteries - Landfill	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Electrical items	Batteries - Recycled	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Other	Books - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Other	Books - Landfill	tonnes	1164.48940	1164.39015	0%
Scope 3	Waste	Other	Books - Recycled	tonnes	4.6857	6.4106	-27%
Scope 3	Waste	Construction	Bricks - Landfill	tonnes	1.26338	1.23393	2%
Scope 3	Waste	Clinical	Clinical Waste - Orange Stream	tonnes	273	273	0%
Scope 3	Waste	Clinical	Clinical Waste - Other	tonnes	1000	1000	0%
Scope 3	Waste	Clinical	Clinical Waste - Red Stream	tonnes	1000	1000	0%
Scope 3	Waste	Clinical	Clinical Waste - Yellow Stream	tonnes	297	297	0%
Scope 3	Waste	Other	Clothing - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Other	Clothing - Landfill	tonnes	496.78228	496.68303	0%
Scope 3	Waste	Other	Clothing - Recycled	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Refuse	Commercial and industrial waste - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Refuse	Commercial and industrial waste - Landfill	tonnes	520.53270	520.33420	0%
Scope 3	Waste	Construction	Concrete - Landfill	tonnes	1.26338	1.23393	2%
Scope 3	Waste	Construction	Concrete - Recycled	tonnes	1.00835	0.98485	2%
Scope 3	Waste	Other	Glass - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Other	Glass - Landfill	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Other	Glass - Recycled	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Refuse	Household/Municipal/Domestic waste - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Refuse	Household/Municipal/Domestic waste - Landfill	tonnes	497.24244	497.04416	0%
Scope 3	Waste	Refuse	Mixed dry recyclates - Recycled	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Construction	Insulation - Landfill	tonnes	1.26338	1.23393	2%
Scope 3	Waste	Construction	Insulation - Recycled	tonnes	1.00835	0.98485	2%
Scope 3	Waste	Metal	Metal: aluminium cans and foil (excl. forming) - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Metal	Metal: aluminium cans and foil (excl. forming) - Landfill	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Metal	Metal: aluminium cans and foil (excl. forming) - Recycled	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Metal	Metal: mixed cans - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Metal	Metal: mixed cans - Landfill	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Metal	Metal: mixed cans - Recycled	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Metal	Metal: scrap metal - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Metal	Metal: scrap metal - Landfill	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Metal	Metal: scrap metal - Recycled	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Metal	Metal: steel cans - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Metal	Metal: steel cans - Landfill	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Metal	Metal: steel cans - Recycled	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Construction	Metals - Landfill	tonnes	1.26435	1.26435	0%
Scope 3	Waste	Construction	Metals - Recycled	tonnes	1.00835	0.98485	2%
Scope 3	Waste	Construction	Mineral oil - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Construction	Mineral oil - Recycled	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Refuse	Organic: food and drink waste - Anaerobic digestion	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Refuse	Organic: food and drink waste - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Refuse	Organic: food and drink waste - Composting	tonnes	8.98311	8.88386	1%

Scope 3	Waste	Refuse	Organic: food and drink waste - Landfill	tonnes	700.30886	700.20961	0%
Scope 3	Waste	Refuse	Organic: garden waste - Anaerobic digestion	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Refuse	Organic: garden waste - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Refuse	Organic: garden waste - Composting	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Refuse	Organic: garden waste - Landfill	tonnes	646.70557	646.60632	0%
Scope 3	Waste	Refuse	Organic: mixed food and garden waste - Anaerobic digestion	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Refuse	Organic: mixed food and garden waste - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Refuse	Organic: mixed food and garden waste - Composting	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Refuse	Organic: mixed food and garden waste - Landfill	tonnes	656.08614	655.98690	0%
Scope 3	Waste	Paper	Paper and board: board - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Paper	Paper and board: board - Composting	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Paper	Paper and board: board - Landfill	tonnes	1164.48940	1164.39015	0%
Scope 3	Waste	Paper	Paper and board: board - Recycled	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Paper	Paper and board: mixed - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Paper	Paper and board: mixed - Composting	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Paper	Paper and board: mixed - Landfill	tonnes	1164.48940	1164.39015	0%
Scope 3	Waste	Paper	Paper and board: mixed - Recycled	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Paper	Paper and board: paper - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Paper	Paper and board: paper - Composting	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Paper	Paper and board: paper - Landfill	tonnes	1164.48940	1164.39015	0%
Scope 3	Waste	Paper	Paper and board: paper - Recycled	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Construction	Plasterboard - Landfill	tonnes	71.95000	71.95000	0%
Scope 3	Waste	Construction	Plasterboard - Recycled	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Plastic	Plastics: average plastic film - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Plastic	Plastics: average plastic film - Landfill	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Plastic	Plastics: average plastic film - Recycled	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Plastic	Plastics: average plastic rigid - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Plastic	Plastics: average plastic rigid - Landfill	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Plastic	Plastics: average plastic rigid - Recycled	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Plastic	Plastics: average plastics - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Plastic	Plastics: average plastics - Landfill	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Plastic	Plastics: average plastics - Recycled	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Plastic	Plastics: HDPE (incl. forming) - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Plastic	Plastics: HDPE (incl. forming) - Landfill	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Plastic	Plastics: HDPE (incl. forming) - Recycled	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Plastic	Plastics: LDPE and LLDPE (incl. forming) - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Plastic	Plastics: LDPE and LLDPE (incl. forming) - Landfill	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Plastic	Plastics: LDPE and LLDPE (incl. forming) - Recycled	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Plastic	Plastics: PET (incl. forming) - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Plastic	Plastics: PET (incl. forming) - Landfill	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Plastic	Plastics: PET (incl. forming) - Recycled	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Plastic	Plastics: PP (incl. forming) - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Plastic	Plastics: PP (incl. forming) - Landfill	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Plastic	Plastics: PP (incl. forming) - Recycled	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Plastic	Plastics: PS (incl. forming) - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Plastic	Plastics: PS (incl. forming) - Landfill	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Plastic	Plastics: PS (incl. forming) - Recycled	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Plastic	Plastics: PVC (incl. forming) - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Plastic	Plastics: PVC (incl. forming) - Landfill	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Plastic	Plastics: PVC (incl. forming) - Recycled	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Construction	Soils - Landfill	tonnes	19.54671	19.51726	0%
Scope 3	Waste	Construction	Soils - Recycled	tonnes	1.00835	0.98485	2%
Scope 3	Waste	Construction	Tyres - Recycled	tonnes	4.68568	6.41061	-27%

Scope 3	Waste	Electrical items	WEEE - fridges and freezers - Landfill	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Electrical items	WEEE - large - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Electrical items	WEEE - large - Landfill	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Electrical items	WEEE - mixed - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Electrical items	WEEE - mixed - Recycled	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Electrical items	WEEE - mixed - Landfill	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Electrical items	WEEE - small - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Electrical items	WEEE - small - Landfill	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Construction	Wood - Combustion	tonnes	4.68568	6.41061	-27%
Scope 3	Waste	Construction	Wood - Composting	tonnes	8.98311	8.88386	1%
Scope 3	Waste	Construction	Wood - Landfill	tonnes	925.3435	925.2442	0%
Scope 3	Waste	Construction	Wood - Recycled	tonnes	4.68568	6.41061	-27%
Scope 3	Water	Water supply	Water supply	cubic metres	0.08	0.08	0%
Scope 3	Water	Water supply	Water supply	million litres	80.00	80.00	0%
Scope 3	Water	Water supply	Water treatment	cubic metres	0.17	0.17	0%
Scope 3	Water	Water supply	Water treatment	million litres	170.00	170.00	0%
Scope 3	Inhaler Propellant	Inhaler Propellant	Inhaler Propellant - R-134a	kg	1300.00	1300.00	0%
Scope 3	Inhaler Propellant	Inhaler Propellant	Inhaler Propellant - R-227a	kg	3350	3350	0%

	END						

APPENDIX 2

ANALYSIS

BUILT ENVIRONMENT

1 Our calculated emissions provide the clearest and most comparable findings of our annual reporting. Our within boundary measured emissions within our control as a council have dropped by:

- **6.5% since 2024/25 (the previous financial year),**
- **32.7% since 2019/20 (the pre pandemic year), and**
- **50.6% since 2014/15 (our baseline year from which our target is measured).**

It is noteworthy that these emissions have reduced by over half since we began monitoring them over a decade ago.

2 These measured within boundary emissions are those under our full control as a council and have been consistently measured and reported nationally for the past decade. All our annual reports over that period are available to the public alongside all others from Scottish public bodies on the Sustainable Scotland Network (SSN) website, as are annual analysis reports prepared by SSN which provide a commentary to help with collective national understanding of the results. South Ayrshire Council was referenced as an example of good practice in last year's report on a number of fronts.

3 The emissions are made up predominantly from the running of our operational buildings and transport used in delivery of our services (over 98% of measured emissions this year, with three quarters of those related to the running of buildings). Other emissions include those related to waste collected by the council in our operational premises or through our commercial waste service, emissions related to the council's operational water and wastewater use and gas oil used in golf machinery.

4 The Council is committed to making a 75% reduction of these in boundary emissions by 2030. If the reductions achieved in the past calendar year, or indeed since the original baseline year, are sustained in percentage terms over the coming years, the council will achieve this target. There are however a number of potential risks that need to be addressed if this is to be achieved.

5 Our buildings emissions have dropped over the past year, and we should be proud of our progress in this area:

5.1 **The council used 11% less electricity in buildings in 2024/25 than the previous year.** This equated to a similar reduction in emissions from electricity used in buildings as the carbon intensity of the grid remained similar for the 2024/25 emissions factors. We now once again consume approximately the same amount of electricity in our buildings as we did in the pre pandemic year. Future reductions in the carbon intensity of the grid will continue to allow our electricity emissions to reduce at a faster pace than other fossil fuel alternatives including gas and oil, so our switch in focus to electricity from burning other fossil fuels in our buildings is helping us and will in the future continue to help us to decarbonise at a faster rate than otherwise possible.

5.2 While natural gas remains the biggest single emissions source in our emissions inventory by a long way (accounting for 39% of our recorded emissions, the next nearest category being 27% for electricity used in buildings), **gas used and gas emissions both reduced by almost 7% in 2024/25** in comparison to the previous year, a very positive result.

5.3 **Electricity used and emissions from street lighting reduced by 11% in 2024/25** in comparison to the previous year. This followed a significant 15% reduction in electricity used two years ago due to the installation of new technologies and is part of an overall reduction in electricity used due to street lighting and traffic signs of 43% since 2019/20. This was achieved with no reduction in level of service, if anything an increase, and is also delivering an operational saving in the cost of ongoing electricity to power these installations.

5.4 It should be noted that much of our previous recorded progress is as a result of decarbonisation of the electricity grid and we have ensured we make the most of this in terms of working towards our emissions reduction targets by moving away from gas which cannot significantly be decarbonised in the same way as electricity and sits at a relatively constant emissions factor. In our baseline year the emissions factor for grid electricity was 0.5 kg CO2e/KWh, where are today this sits at 0.2 kg CO2e/KWh. That said, the strong reductions in the report year cannot be credited to the grid as the emissions factor has remained relatively constant this year in relation to the previous year. **Progress can be credited to the use of Building Energy Management Systems** for better overall control of energy use here at South Ayrshire Council, as was indeed highlighted by SSN in the national analysis of last years annual

reporting returns. We have also been increasingly meeting some of our own electricity needs where possible with **onsite renewable technologies**.

To sustain emissions reductions in this area, next steps involve reduction in the size of the council estate, investment in improvement in the energy efficiency of our building stock and the continued investment in the day to day management of our heat and power use in our buildings. To support these needs the Council has an internal Net Zero Board and is working on Transforming the Estate, as well as their being potential for our buildings to be picked up through the recently adopted Local Heat and Energy Efficiency Strategy as potential anchor loads for schemes which would change the way we utilise our estate to deliver wider benefits. The implementation of the Council's own Sustainable Design Guidance developed by our Professional Design Services must also play a significant part in improving the sustainability of our buildings going forward across many outcome areas, including emissions reduction and as well as other aspects of our duties. Implementation of the design guidance for all future projects will be essential if the required pace of change is to be achieved to meet future emissions reduction targets. This guidance will also be shared with our partner organisations as an example of best practice through the Community Planning Partnership and there has already been interest in the guidance from other Scottish Local Authorities, showing South Ayrshire Council has a significant contribution to make in this area nationally.

TRAVEL AND TRANSPORTATION

6 Over the past year our **fleet emissions have also reduced**, halting and reversing the trend of the previous year which had been going in the wrong direction. However, we have seen **grey fleet mileage increase significantly** to such an extent that our overall transport emissions have unfortunately increased by over 41 tonnes CO2e. The key points are as follows:

6.1 Comparing to the previous year, we have seen a decrease in the diesel and petrol consumed by fleet vehicles and indeed emissions from fleet vehicles by around 2%

6.2 The previous year we had seen the diesel used by our fleet increase by 10% and petrol bought through outside garages increased by 26%, so this year's drop of 2% is a great outcome when viewed in light of this.

6.3 Mileage claims however shows a very different picture. **268,008 more miles were driven in 2024-25 than in the previous year and emissions have increased by over 93 tonnes, more than cancelling out gains made in fleet emissions**.

6.4 This indicates that our road kms driven have continued to rise contrary to our council policy in this regard.

6.5 The drop in emissions gained through the current level of transition to electric small vehicles within the fleet is important to our reductions but is not enough to offset or reverse the rise in emissions from increasing miles driven in the delivery of council services.

6.6 Over the past year there has been an increase in miles driven in electric grey fleet (with miles in electric fleet now sitting at 320% of last year's miles), a change in how we account for the emissions of grey fleet and a change in the balance of mileages across grey fleet engine sizes, however **the increase in mileage is the key driver of the increase as set out above, and the only one of those variables under council control.**

6.7 Our combined carbon emissions from travel and transport have increased over the previous two financial years, and this year like last year remain **up on our pre pandemic figures** (from financial year 2019-20), showing that the increase is more than just a post pandemic return to business as usual and should urgently be addressed.

6.8 This demonstrates a clear need to ensure (1) our adopted hierarchy of travel is given due regard in all we do as an organisation, (2) that we take steps to reduce our road kms driven in the delivery of our services wherever practical and, in relation to fleet fuel usage (3) that we take forward our Ultra Low Emission Vehicle (ULEV) transition actions as a matter of urgency and ensure that each vehicle we use as an organisation has the lowest emissions possible for the tasks the vehicle is required for.

6.9 The fleet team continue to work on the transition to ULEV vehicles and as recorded in Council Plan reporting in October had transitioned 68 ULEV out of a target of 80 by March 2028. Services across the organisation have a key role to support the fleet team in delivery of this policy. It is noteworthy that the newer age of the fleet we have in South Ayrshire in comparison to most other fleets mean that vehicles are generally more efficient, safer and cheaper to run,

consuming less fuel mile for mile in comparison to similar older vehicles, however it should be noted that this in turn can also have carbon implications for embedded carbon and that further actions are needed to continue to meet our targets.

6.10 It must also be recognised that improving the carbon efficiency of our fleet can't solve increases in grey fleet mileage, so it is imperative that other management interventions are made to tackle this through implementation by all services of our adopted travel hierarchy and reduction of road kms need to deliver our services. It should also be noted that these management interventions can be delivered at a relatively low cost given the potential for impact on emissions and indeed reductions in cost of mileage claims.

In summary, **our overall buildings emissions have dropped by 9% as an organisation over the past year, but our transport emissions have increased, with grey fleet emissions now sitting at 144% of what they were the previous year and taking up an increasing share of our overall emissions.** This means travel and transport emissions become increasingly fundamental to our ability to deliver on our organisational carbon reduction target for 2030 and our subsequent organisational net zero target. Building energy and transport emissions are the critical areas where we require to make reductions in our emissions if we are to continue to achieve the pace of change required to meet our existing targets for 2030 and 2045.

WIDER IMPLICATIONS

ESS (Environmental Standards Scotland) launched an investigation in May 2022 into the effectiveness of the systems in place to support local authorities in their climate change duties. Their final report was laid in Parliament on 6 December 2023 containing 5 recommendations to increase the pace of change which are now translating into new requirements for local authorities.

A Climate Change Strategy Template is now available in draft form (although still subject to the outcome of consultation) for local authorities which sets out what it is expected that local authorities will cover as a minimum in their strategy in complying with their duties. **Our next Sustainable Development and Climate Change Strategy is in development and will follow this template.** Among other things the template makes clear that there is an expectation on local authorities to have a range of staged and sectoral targets to ensure the pace of change towards net zero by 2045, climate resilience and sustainability. Our forthcoming strategy will work with services to establish these targets and set out associated actions for inclusion and delivery.

While our measurable targets to date have been focused on our organisational boundary emissions as defined in 2016 using the 2014/15 financial year data, and our reporting has been consistently published for this set of data since then, we are already also required to report on areas outwith this, for example Home Working emissions. **In future we will be required to account for more of our emissions** and to increase the pace of change in relation to these areas. This will initially involve an Amendment Order to mandate accounting for **commuting and business travel** in more detail than we currently report, and beyond that standard methodologies are also to be prepared for emissions related to **procurement, capital goods, leased assets and investments**. We have included in our annual reporting for the second time this year the emissions from the fuel used by planes during the Councils Air Show as provided by Air Show partner Sky Lab, which equated to 90 Tonnes CO2e or 0.66% of our in-boundary emissions total for the year. It is notable that this emissions figure is over 40% reduced in comparison to last year due to changes in the programme and working together with other events. In future we aspire to measure and account for more of the emissions generated by the annual air show event, for example those related to visitor travel and services provided on site, and work to reduce these.

Strategically, the implementation of the **Integrated Impact Assessment (IIA)** can help to highlight these areas and others which are necessary for achievement of our climate change duties and targets in the short and long term, both organisationally and area wide going forward. It is the case that to achieve the pace of change required all decisions being taken by the organisation require to take us in the right direction towards the fulfilment of our climate change duties and achievement of our climate change targets as well as taking forward the delivery of other outcomes and priorities. The IIA can help us to do this as it includes a wide range of topics relevant to the fulfilment and reporting of our climate change duties. It is hoped accordingly that the implementation of the impact assessment process and pursuit of associated mitigations will accelerate the pace of change, not only for emissions reduction but also for other aspects which we have to address in our legal duties and reporting. These areas are set out in the Council Plan and addressed in our work through the Community Planning Partnership's 'Local Outcome Improvement Plan' and the Regional Economic Strategy. They include adaptation to a changing climate locally and nationally, tackling the nature emergency, delivery of a just transition to a low carbon economy, sustainable procurement, sustainable place making and our opportunities for leadership and influence in relation to our regional area wide emissions. The IIA process was highlighted as an example of best practice in the annual SSN analysis report last year and has the potential to drive continuous improvement in this area.