Public Bodies Climate Change Duties Compliance Reporting Template 2021/22

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 may not be accepted for analysis and may be classed as non-compliant with Public Bodies Duties legislative reporting requirements.

2. Guidance

1. Please save-as this workbook with your organisation's name in the title before completing
2. Question 1f must be completed to ensure the correct emission factors are applied in Q3b,
3. If you need to add more rows please email the file to ccreporting@ed.ac.uk
4. Hybrid/homeworking emissions - please include an estimate of FTEs working remotely - hybrid/home in the designated row provided in table 3b
   In order for this to be calculated correctly the total no. of FTEs must be entered in Q1c
5. Local Authorities completeing the recommended tab should select their local authority region at the top of the sheet
   and their emissions will be provided automatically from BEIS datasets

3. Colour Coding used in the template

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

Public Sector Report on Compliance with Climate Change Duties 2022 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.

Glasgow City Council

1b Type of body

Select from the options below

Local Government

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

22,801 THIS MUST BE COMPLETED

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	633,100	2019 data
Please select from drop down box			
Please select from drop down box			
Please select from drop down box			
Please select from drop down box			
Please select from drop down box			
Please select from drop down box			
Please select from drop down box			
Other (please specify in comments)			
Other (please specify in comments)			
Other (please specify in comments)			
Other (please specify in comments)			
Other (please specify in comments)			
Other (please specify in comments)			
Other (please specify in comments)			

1e Overall budget of the body

Specify approximate £/annum for the report year.

Budget	Budget Comments
2,637,381,400	Gross Expenditure (2020/21)

1f Report type

Specify the report year type

Report type	Report year comments	
Financial	2021 -2022	THIS MUST BE COMPLETED

1g Context

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

Glasgow City Council is the unitary local government authority for the city and hosts the Sustainable Glasgow multi-sectoral partnership, which is leading on climate change policy and sustainability.

The Council has taken a key role in the regional adaptation initiative Climate Ready Clyde and provided funding towards the early development of the partnership. The council continues to participate actively in the partnership's work alongside other neighbouring local authorities and regional organisations.

The City Council established a climate emergency working group on 5 February 2019 and declared a Climate and Ecological emergency at its meeting of 19 May 2019. The City Council has since published its Climate Plan in June 2020 as a local response to the Climate and Ecological Emergency. The plan includes a target to achieve net zero carbon emissions by 2030. The City have also developed a Climate Adaptation Plan.

Public Sector Report on Compliance with Climate Change Duties 2022 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 City Government's ambition is to build a more sustainable Glasgow and reduce carbon emissions, while reversing ecological decline and adapting to the impacts of climate change.

During the reporting year, Glasgow's key actions were led by the City Convener for Sustainability and Carbon Reduction. Formal reporting in the reporting year on carbon reduction, energy, sustainability and climate adaptation is regularly provided to the Environment, Sustainability & Carbon Reduction City Policy Committee, the recently established Net Zero Committee and to the City Administration Committee for strategic decisions.

These Committees include elected members from all political groups who provide an active role in commenting on progress and shaping decisions.

The Head of Sustainability chairs a number of internal meetings to discuss strategic decisions across the City Council in relation to climate change mitigation and adaptation.

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.

As stated above, Glasgow's key actions, during the report year, were led by the City Convener for Sustainability and Carbon Reduction.

Formal reporting on carbon reduction, energy, sustainability and climate adaptation is regularly provided to the Environment, Sustainability & Carbon Reduction City Policy Committee, the recently established Net Zero Committee and to the City Administration Committee for strategic decisions.

These Committees include elected members from all political groups who provide an active role in commenting on progress and shaping decisions.

<Insert Diagram Here or Attach File>

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
The Strategic Plan is the key document through which the Council aims to deliver on the City Government's priorities . One of the key themes of the plan is titled 'A Sustainable and Low Carbon City' it states a number of actions to be delivered in support of this aim. In terms of driving and supporting the delivery of priorities and commitments in the Strategic Plan 2017-2022, the focus has been in the following areas: • Ensuring the delivery the Climate and Ecological Emergency Plan. • Delivering on year 1 of the Resource and Recycling Strategy. • Implementing the relaunched Clean Glasgow Programme, and associated Litter Prevention Action Plan, ensuring the City is clean and public spaces are well maintained. • Leading on active travel across the city, including walking and cycling following on from the Spaces for People response to Covid-19 • Delivering the Transport Strategy for Glasgow. • Delivering a significant investment programme across all neighbourhoods. • Creating opportunities for citizens to get involved in local decisions that affect them and listen to their views on how services are delivered. • Delivering the Glasgow Housing Strategy. • Delivering the Affordable Warmth Programme. • Delivering the Property and Land Strategy. • Delivering the City Development Plan / agenda. • Delivering Glasgow's City Deal outcomes • Delivering the Transport Strategy for Glasgow. The new Strategic Plan is currently being finalised and will be adopted in late 2022.	Glasgow City Council's Strategic Plan 2017 to 2022	https://www.glasgow.gov.uk/CHttpHandler.ashx?id=40052&p=0

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

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

The City's Climate Plan (2021 -2030) is Glasgow's response to the Climate and Ecological Emergency. It sets out how the city will reduce carbon emmisions and adapt to the impacts of climate change. The Plan can be found by following this link - https://glasgow.gov.uk/CHttpHandler.ashx?id=50623&p=0

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	Glasgow's Adaptation Plan	https://glasgow.gov.uk/CHttpHandler.ashx?id=57689&p=0	2022 - 2030	
Business travel	Staff Travel Plan			Currently being reviewed
Staff Travel	Staff Travel Plan			Currently being reviewed
Energy efficiency	Carbon Management Plan			Currently being reviewed
Fleet transport	Fleet Strategy	https://www.glasgow.gov.uk/councillorsandcommittees/viewDoc.a	2020 - 2030	
ICT	Carbon Management Plan			Currently being reviewed
Renewable energy	Climate Plan	https://glasgow.gov.uk/CHttpHandler.ashx?id=50623&p=0	2021 -2030	
Sustainable/renewable heat	LHEES			Currently being developed
Waste management	Resource and Recycling Strategy	https://www.glasgow.gov.uk/CHttpHandler.ashx?id=54469&p=0	2020 -2030	
Water and sewerage	FRM	https://www.glasgow.gov.uk/clydeandlochlomond	2020-2030	
Land Use	CDP	https://www.glasgow.gov.uk/cdp	2016 -2025	New Plan being prepared
Other (please specify in comments)	OSS	https://www.glasgow.gov.uk/openspacestrategy	2020 -2030	Open Space Strategy - Land Use/ Biodiversity
Other (please specify in comments)	LBAP	https://www.glasgow.gov.uk/CHttpHandler.ashx?id=31719&p=0	2000 - 2030	Biodiversity - Local Biodiversity Action Plan - currently
Other (please specify in comments)	Glasgow Transport Strategy	https://www.glasgow.gov.uk/transportstrategy	2022 -2030	Transport and Mobility Strategy
Other (please specify in comments)	Active Travel Strategy	https://www.glasgow.gov.uk/CHttpHandler.ashx?id=55838	2022 - 2031	Active Travel Strategy
Other (please specify in comments)	Local Housing Strategy	https://www.glasgow.gov.uk/CHttpHandler.ashx?id=4584&p=0	2017 -2022	Housing Strategy (review being prepared)
Please select from drop down box				

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

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

In the year ahead, Glasgow City Council's priorities are: -

- Maximise the potential of both Net Zero Committee and Just Transition Commission to ensure accountability and fairness in the transition to net zero.
- Maintain effective governance for climate and sustainability work through the Climate and Sustainability Board and Sustainability Programme Management Office. Including a review and update the Sustainable Glasgow partnership to enhance its ability to drive change.
- Support the adoption of the Strategic Plan, which is expected to follow a Mission approach, including a Climate Emergency Mission.
- Support the development of a strategic framework through the delivery of a Net-Zero Carbon feasibility study for the city, which will include support to increase the amount of renewable electricity generated in the city
- Develop the Local Heat and Energy Efficiency Strategy to support development of sustainable heating projects in the city.

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.

Glasgow City Council have not used the C-CAT tool recently as there have been other tools and methodologies available, such as the Adaptation Benchmarking and Capability Framework, and the Co-Impact Tool, developed as part of the city's participation in EU Funded Connecting Nature Project. We strongly believe that these tools provide us with robust mechanisms for self assessing capability.

Further information

2h **Supporting information and best practice**

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

The City have participated in a pilot URBACT Network supporting localisation of UN Sustainable Development Goals. The City will subsequently undertake a Voluntary Local Review of our performance in relation to the implementation of the 2030 agenda. This will include engagement with internal services and departments, but also local organisations and communities. This will help further embed sustainability across corporate policy and strategy, helping to create indicator frameworks to support monitoring and evaluation of progress.

Public Sector Report on Compliance with Climate Change Duties 2022 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.

ENSURE QUESTION 1f IS COMPLETED BEFORE STARTING THIS SECTION, THEN SELECT APPROPRIATE BASELINE YEAR

Reference year	Year	Year type	Scope 1	Scope 2	Scope 3	Total	Units	Comments
Baseline Year	2006/07	Financial	77,790	109,807	1,583	189,180	tCO_2e	that 'historical data was incomplete and the figures are partly estimated'
Year 1 carbon footprint	2007/08	Financial	71,365	106,601	1,389	179,355	tCO_2e	
Year 2 carbon footprint	2008/09	Financial	70,686	109,443	2,657	182,786	tCO_2e	
Year 3 carbon footprint	2009/10	Financial	75,150	108,727	2,482	186,359	tCO_2e	
Year 4 carbon footprint	2010/11	Financial	77,494	107,329	2,054	186,877	tCO_2e	
Year 5 carbon footprint	2011/12	Financial	69,282	99,986	1,957	171,225	tCO_2e	
Year 6 carbon footprint	2012/13	Financial	83,743	104,302	1,856	189,901	tCO_2e	
Year 7 carbon footprint	2013/14	Financial	74,585	102,755	2,057	179,397	tCO_2e	
Year 8 carbon footprint	2014/15	Financial	71,376	102,801	1,791	175,968	tCO_2e	
Year 9 carbon footprint	2015/16	Financial	71,561	93,686	1,691	166,938	tCO_2e	
Year 10 carbon footprint	2016/17	Financial	67,434	81,099	2,334	150,867	tCO_2e	
Year 11 carbon footprint	2017/18	Financial	73,734	63,662	2,359	139,755	tCO_2e	
Year 12 carbon footprint	2018/19	Financial	69,209	53,695	1,876	124,780	tCO_2e	
Year 13 carbon footprint	2019/20	Financial	68,306	36,898	1,451	106,655	tCO_2e	
Year 14 carbon footprint	2020/21	Financial	55,482	30,876	1,523	87,881	tCO_2e	
Year 15 carbon footprint	2021/22	Financial	64,576	30,230	2,557	97,363	tCO_2e	Aligned with CMP figures

3b **Breakdown of emissions sources**

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 Business, Energy & Industrial Strategy

Emission Factor Year: 2021 The emission factor year is auto-assigned based on your answer to Q1f, if it is incorrect please contact SSN.

You can now filter emission sources by "type" in column C to enable quicker selection of emission source in column D.

User defined emission sources can be entered below remote/homeworking emissions - rows 101 to 129. If you require extra rows in the table please send the template to ccreporting@ed.ac.uk.

Emission	Emission source	Scope	Consumption data	Units	Emission factor	Units	Emissions (tCO_2e)	Comments
Electricity	Grid Electricity (generation)	Scope 2	142,372,632	kWh	0.21233	kg CO2e/kWh	30,230.0	
Fuels	Natural Gas	Scope 1	260,598,839	kWh	0.18316	kg CO2e/kWh	47,731.3	
Fuels	Gas Oil litre	Scope 1	1,659,286	litres	2.75857	kg CO2e/litre	4,577.3	
Fuels	Diesel (average biofuel blend)	Scope 1	4,882,897	litres	2.51233	kg CO2e/litre	12,267.4	
Fuels	Petrol (average biofuel blend)	Scope 3	341,177	litres	2.19352	kg CO2e/litre	748.4	
Transport	Short-haul flights (Economy class)	Scope 3	143,643	passenger km	0.15102	kg CO2e/passenger km	21.7	
Transport	Rail (National rail)	Scope 3	84,972	passenger km	0.03549	kg CO2e/passenger km	3.0	
Transport	Car - petrol (average) miles	Scope 3	1,481,443	miles	0.28053	kg CO2e/mile	415.6	
Transport	Taxi (black cab) passenger miles	Scope 3	2,419,819	passenger miles	0.32870	kg CO2e/passenger mile	795.4	Our own calculations used a conversion
Transport	Taxi (regular) passenger miles	Scope 3	591,230	passenger miles	0.23950	kg CO2e/passenger mile	141.6	factor for Taxi (regular) km of 0.20826
	Hybrid/Homeworking emissions	Scope 3	100.00%	percentage of total FTEs	0.30000	tCO2e/FTE/annum	6,840.3	
							103,771.9	

Total is different to that number quoted in Q3a, please check and/or state why in comments cell above

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

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

Technology	Renewable Electricity		Renewable Heat		
	Total consumed by the body (kWh)	Total exported (kWh)	Total consumed by the body (kWh)	Total exported (kWh)	Comments
Solar PV	616,310	-	-	0	All generation is used in house.
Biomass			5,653,587	0	This is generated and used within the council estate. The city buy the heat from external provider who operate Biomass Boilers, supplementing the council's heating load.
Other (please specify in comments)				27,919,000	Glasgow recycling and renewable energy centre - no data available on consumption (kwh)
Wind	3,478,100	8,572,371			Cathkin Wind turbine

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
Net Zero Carbon by 2030	Absolute	Net Zero by 2030	total % reduction	Scope 1&2	2006/07	189,180	tonnes	2030/31	50%	Net Zero Plan

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

The council is developing a climate financing framework which is designed to mobilise the overall levels of capital needed across the City to allow it to meet its mitigation and adaptation goals. The framework emphasises the need for the Council to play both its roles in relation to finance – in terms of optimising its own spend and also a steward of the wider flows of capital in its area.

To help optimise the Council's own resources, a green budgeting approach, encompassing budget tagging and a shadow carbon price into the economic case is also being developed, which will allow the Council to track financial flows into mitigation and adaptation.

The Council is then developing a citywide investment pipeline which will form the basis of an overall finance raising and mobilisation approach. This will also have a focus on mobilising development capital. The

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

The City Council provides an update to committee on its progress towards achieving carbon emissions reduction targets, this information then becomes publicly available. Furthermore, the city committed itself to sharing updates with communities via social media and the council's website.

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 against an emissions source, enter "0".
If the 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	170	Car Parks LED & Controls, Burrell PV, SW Estate LED upgrade.
Natural gas	160	8 BMS Projects
Other heating fuels	-	
Waste	-	Not included in footprint yet, but the city is working towards a methodology for including in the baseline and future targets.
Water and sewerage	-	No data available on savings. Aim to track use in future years.
Travel	-	Staff Travel Plan is currently being reviewed and more information/ data will be available next year.
Fleet transport	-	Fleet renewal is ongoing and further detail will be provided in future years.
Other (please specify in comments)		
Total	**330**	

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.

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
3 carparks LED lighting and control + Blair Court LED	Salix	2021/22	Estimated	345,552		20	Grid Electricity (generation)	170	57,208	No	
8 BMS (Education BEMS)	Salix	2021/22	Estimated	90,749		20	Natural Gas	160	15,423	No	
		Please select from drop down box	Estimated				Please select from drop down box			Please select from drop down box	

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	-	Please select from drop down box	Not yet quantified, changes to the estate are being considered as a result of the pandemic.
Service provision	-	Please select from drop down box	Restructure has been undertaken, but the impact of this is not yet known.
Staff numbers	-	Please select from drop down box	Covered above in line 100
Other (please specify in comments)		Please select from drop down box	
Total		-	

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	433	PV installations (Salix)
Natural gas	-	Unknown.
Other heating fuels	-	Unknown. Exploring options but not yet quantified
Waste	-	Not included within footprint . N/A
Water and sewerage	-	Unknown. Will track use and restrospectively report on any savines.
Travel	-	Unknown. Staff travel plan still being created.
Fleet Transport	-	Unknown
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		
Total	**433**	

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		Please select from drop down box	Currently being explored and will be in a position to report in future returns.
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	
Total		-	

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	670,673	Cumulative

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.

Glasgow City Council were a partner in a Horizon 2020 funded project, RUGGIDISED, looking at smart grid capacity, renewable technologies and intelligent street lighting, EV Charging hubs and demand site management. The city were a lighthouse city alongside partners from Rotterdam and Umea. The project is now coming to an end. This was an opportunity for the city to participate in knowledge exchange, fostering innovation locally.

Public Sector Report on Compliance with Climate Change Duties 2022 Template

PART 4 Adaptation

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).

In developing the Adaptation Plan, the city council assessed future climate risks for the city. This was aligned with Climate Ready Clyde's Climate Risk and Vulnerability Assessment for the City Region. Key Risks for the city across 3 key overarching sectors: -

Built Environment and Infrastructure: -

- Increased flooding, warmer temperatures, changing precipitation patterns and the consequences of these impacts for land use and spatial planning.
- Increased energy consumption in summer months due to increased need for air conditioning/cooling in existing buildings.
- Increased bio productivity promoting growth of problem species, pests' infestations and vermin.
- Increased insurance costs.
- Increased vulnerability to storm surges.
- Conflicting demand for land use.
- Disruption to public transport, cycling and pedestrian networks due to the increased incidence of localised and widespread flooding.

Natural Environment, Parks and Open Spaces: -

- Deterioration in river and wetland environments.
- Species and habitat stress.
- Loss of existing habitats and species.
- Introduction of new species/increase in non-native invasive.
- Tree damage and changes in woodland ecosystems.
- Deterioration of public parks (continued/increased usage wear and tear).
- Increased soil erosion and land instability.
- Erosion of coastal habitats.
- Conflict between different uses/ users.

Society & Economy: -

- Disruption to essential community services. Increased incidence of vector borne diseases.
- More heat stroke, dehydration, and respiratory problems.
- Increase in pest numbers and distribution, and increased demand for pest control services.
- Increased incidence of food poisoning.
- Reduced water quality.
- Changes in demand for goods and services. - Heat stress impact on service provision.

The Adaptation Plan and Full Climate Risk Assessment can be found by following the link: - https://glasgow.gov.uk/CHttpHandler.ashx?id=57689&p=0

The Council worked with SEPA and other local authorities to develop updated Flood Risk Management Plans. The plans outline the long term ambition to reduce flood risk by identifying areas most at risk, and setting objectives and identifying actions to manage risk. Following public consultation, the Plans were published in January 2022 by SEPA and are available here - https://www2.sepa.org.uk/frmplans/

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.

Having undertaken a Climate Risk Assessment for the city, the City Council then developed a Climate Adaptation Plan to help address key risk. The plan was adopted in 2022. It is a stand alone climate adaptation strategy and its focus is on the local impacts of global temperature increases, what they mean for the city, and how we plan to address them by adapting ahead of time, ensuring a resilient and climate ready city. Including 52 Actions across 13 key interventions: -

1. Governance
2. Planning and Housing
3. Sustainable Transport
4. Natural Environment and Assets
5. Health and Wellbeing
6. Environment
7. Risk Planning
8. Economy
9. Research and Evaluation
10. Climate Justice
11. Raising Awareness
12. Adaptation Maintenance
13. Improved response to Climate Events

Taking action

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

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

The City Council have : -

- undertaken Adaptation Benchmarking with Officers, Senior Management and Elected members;

- developed and rolled out Climate Literacy Training for elected members and senior management, this includes a module on climate adaptation ;

- developed and will roll out Place Literacy Training through use of the Place Standard Tool with a Climate Lens;

- undertaken a Climate Risk Assesssment for the City aligned with the Scottish Climate Adaptation Programme and Climate Ready Clyde's Risk and Vulnerability Assessment for the city region;

- developed and adopted a Climate Adaptation Plan for the City aligned with the outcomes of the Scottish Climate Adaptation Programme and Climate Ready Clyde Regional Climate Adaptation Strategy ;

- established and continue to host a corporate climate liaison group which meets monthly to support knowledge exchange around climate, enabling collaborative actions;

- set up a Climate Change Board and Sustainability PMO to govern, monitor and track climate adaptation action in the city;

- continued to deliver the actions identified in the first Flood Risk Management Strategies and Local Flood Risk Management Plans;

- completed construction of the Drumchapel surface water management plan in the past year - https://www.mgsdp.org/index.aspx?articleid=27665 –

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

Provide any other relevant supporting information

- The City Council are a member of Climate Ready Clyde, a regional partnership and conitnue to work together with neighbouring Local Auhtorities, Academic Partners and others in the City Region to bring about transformational, place based Adaptation action to the City and City Region.

- Glasgow have become an ICLEI City with nature member. The City are the base for the Scottish hub of ICLEI's Urban By Nature.

- The Council has continued to deliver the actions identifed in the first Flood Risk Management Strategies and Local Flood Risk Management Plans.

- Construction of the Drumchapel surface water management plan has been completed in the past year - https://www.mgsdp.org/index.aspx?articleid=27665.

- The first connection to Glasgow's Smart Canal was formally recognised at an event during COP26 - https://www.scottishcanals.co.uk/news/scotlands-smart-canal-makes-first-connection-to-new-housing-following-north-glasgow-success-story/

- The Council is the lead Local Authority for the Clyde and Loch Lomond (CaLL) Local Plan District, and led on engagement with SEPA for the publication of the CaLL Flood Risk Management Plan in January 2022.

- The Council, working with SEPA, finalised the updated tidal River Clyde flood model - https://www.glasgow.gov.uk/index.aspx?articleid=29416. The model confidently supports the information on the SEPA Flood Maps, available for a number of years now at: https://www.sepa.org.uk/environment/water/flooding/flood-maps/.

- The SEPA Flood Maps will be updated in due course to take account of the information from the model. Guidance for landowners / developers on how to assess flood risk for land along the tidal reach was also published - https://www.glasgow.gov.uk/riverclydemodelguidance.

- The MGSDP – www.mgsdp.org – continues to work with partners and other stakeholders to identify opportunities to deliver water resilient places, improve water quality and enable sustainable development.

Review, monitoring and evaluation

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

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

The Climate Risk Assessment and the adaptation plan will be reviewed annually and shared with Committee. Indicators and Benchmarking exercise will also be revisited annually.

The Council continues to work with SEPA to update and refine the SEPA Flood Maps, which show areas at risk of flooding from rivers, the sea and surface water – https://www.sepa.org.uk/environment/water/flooding/flood-maps/.

Flood Risk Management Plan Actions (projects) being delivered by the Council will utilise integrated catchment modelling to assess current and future climate risks for key areas of the city.

The latest Flood Risk Management Plans were published January 2022, and Local Flood Risk Management Plans are to be published by Lead Local Authorities in December 2022.

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).

The city Council developed a set of indicators alongside its Adaptation Plan, these will be used to assess progress annually and report this to the city's relevant policy development committee.

The Climate Board, with support from Sustainable Glasgow PMO, will monitor implementation and progress in relation to the action plan, through regular reporting and project management structures.

The City, through its participation in EU project, Connecting Nature, developed co-impact.app. This is being used within project development to identify outcomes across the nature-based solutions spectrum (health& wellbeing, social cohesion, environment, economy and biodiversity). The tool, based on the EU NBS impact assessment guidebook, ensures that high level outcomes are covered and that projects adopt a place-based approach, using nature-based solutions to create climate resilient places which generate multiple health and social benefits beyond economic outcomes.

The feasibility and impact of Flood Risk Management Plan actions (projects) is considered during project development using integrated hydraulic modelling and UK Treasury Green Book to assess the benefits. Following project implementation, the Council will gather data on the performance of assets after significant storm events to assess effectiveness.

Future priorities for adaptation

4g **What are the body's top 5 climate change adaptation priorities for the year ahead?**
Provide a summary of the areas and activities of focus for the year ahead.

- The City will continue to work with our academic partners and civic society on the Green Recovery Conversations and NERC GALLANT Work Packages, including Climate Resilience.

- The City will revisit the Adaptation Benchmarking exercise to monitor progress against adaptation capabilitites and maturity stages.

- Publish the Clyde and Loch Lomond (CaLL) Local Flood Risk Management Plan in December 2022, and implement the Actions (projects) in the CaLL Flood Risk Management Plan.

- Raise awareness of flood risk with local communities, including options for adaptation to create water resilient places.

- Join the Adaptation Plan to the Climate Plan to support effective progress monitoring.

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 City are working with the University of Glasgow as part of NERC GALLANT research project, including developing a City Portrait as part of Thriving Cities Cities Network, as well as climate adaptation research and innovation.

- The city continue to support the MGSDP and workplan for the year ahead as set out in the partnership's website - https://www.mgsdp.org/index.aspx?articleid=21076.

- The Council, working with SEPA, finalised the updated tidal River Clyde flood model - https://www.glasgow.gov.uk/index.aspx?articleid=29416. The model confidently supports the information on the SEPA Flood Maps, available for a number of years now at: https://www.sepa.org.uk/environment/water/flooding/flood-maps/.

- The SEPA Flood Maps will be updated in due course to take account of the information from the model. Guidance for landowners / developers on how to assess flood risk for land along the tidal reach was also published - https://www.glasgow.gov.uk/riverclydemodelguidance.

Public Sector Report on Compliance with Climate Change Duties 2022 Template

PART 5 Procurement

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

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

The current Corporate Procurement Strategy 2018 – 2022 (Strategy) builds upon the achievements of the previous corporate procurement strategies and continues the commitment to improving the Council's sustainable performance, with eight new actions relating to sustainability. These actions are listed below: -

4.01 - Training and awareness sessions for internal clients on sustainable procurement with an emphasis on the application of circular economy, whole life costing, life cycle impact mapping and the early involvement of SMEs, Social Enterprises, Co-operatives, Supported Businesses and Third Sector organisations.
4.02 - Further optimise the community benefits process by working more closely with relevant internal stakeholders (community planning, employability team) and placing a greater emphasis on ensuring outcomes are delivered and benefits for Glasgow citizens are realised.
4.03 – Streamline and Standardise Social Work Services and the Corporate Procurement Unit processes and documentation relating to Sustainability where appropriate.
4.04 – Increase the council's sustainable performance by utilising the sustainable steering group and continuing to deliver the sustainable procurement action plan as derived from the Scottish Governments flexible framework.
4.05 – Review Council mandatory evaluation requirements (Insurance, Health and Safety) to ensure they are compatible with the SME agenda.
4.06 – Review Fair Work Criteria looking at the potential to broaden the scope and also develop the assessment process to include more external accreditations.
4.07 – Review our internal process to identify potential improvements in how local SME'S, Social Enterprises, Co-operatives, supported businesses and Third Sector organisations can gain opportunities to win council contracts.
4.08 - Advocate the use of council's supported business (RSBI) within the Scottish Public Sector.

The Council has delivered 6 of the 8 Sustainable actions and is in line to deliver the remaining actions within the procurement strategy action plan timeline which is December 2022, The 2 actions that are outstanding are 4.03 and 4.04.

Delivery of the actions will be and are monitored by the Council's existing Corporate Procurement Governance Structure, which includes internal boards led by the Head of Legal and Administration Services and Council committees led by elected members. Papers are issued quarterly or as and when required to provide progress updates and highlight any risks or issues.

In addition the Council is continuing to work towards an improved level in the Scottish Government's Flexible Framework Self-Assessment Tool (FFSAT) by using the Sustainable Steering Group and the derived sustainable action plan. This is also part of Strategy Action 4.04

The CPU are involved in supporting the Glasgow City Council Food Strategy which includes the reduction in food poverty and sustainable policies with regards to local produce and

In addition the Council is continuing to work towards an improved level in the Scottish Government's Flexible Framework Self-Assessment Tool (FFSAT) by using the Sustainable Steering Group and the derived sustainable action plan. This is also part of Strategy Action 4.04

The CPU are involved in supporting the Glasgow City Council Food Strategy which includes the reduction in food poverty and sustainable policies with regards to local produce and will play a key role of the subgroup tasked with delivering the Action Plan.

The CPU is also a key member of a sub group for the Glasgow Social Enterprise Board (SEB) which is looking to deliver the Social Enterprise Strategy. The CPU will assist in the delivery of a number of sub actions which are listed below. The SEB is currently going through a redesign to ensure its actions can be delivered.

•Local Development and City Wide Recognition of Social Enterprise.
• Collaboration and Demonstrating Social Value
• Realising Public, Corporate and Individual Market Opportunities

The CPU has helped shape and influence the Circular Economy Route Map and Climate Emergency Policy and will be expected to deliver actions against these policies over the next year. The CPU have also helped develop and influence the councils Fleet Strategy and are now delivery various procurement exercises of the back of the development of this strategy. This includes the supply of Hydrogen to help facilitate the hydrogen fleet of vehicles.

The CPU are also are also a key contributor to the Glasgow City Region Sustainable Procurement Strategy. The CPU will support the delivery of the action plan which consists of 14 actions spread across 5 themes. The themes are as follow 1. Encouraging Collaboration Across Glasgow City Region 2. Supporting Local Businesses to thrive 3. Creating Opportunities for Employment and Jobs 4. Skills, Training and Fair Work and 5. Mitigating the Impact of Climate Change
Engagement with supported businesses continues to be one of the council's procurement objectives and the council currently utilise Royal Strathclyde Blindcraft Industries (RSBI) for the delivery of furniture and confidential waste requirements. The combined annual value of these contracts is £8m FOR fy21/22. The Corporate Procurement Manual requires our Strategic Operational Teams to consider Supported Businesses as part of the strategic and quick quote process. This consideration is captured within the CPU's procurement sourcing strategy template which must be approved at line manager and at senior management level within the relevant service areas which are intending to utilise the contract. This has now been expanded to include Social Enterprises to ensure they are also invited to submit bids for quick quotes.

The Initial Procurement Assessment document (IPA), which is utilised by service areas to instruct the CPU to undertake a procurement activity, also asks if the goods, service or works can be provide by an in-house provision or outsourced to a third sector organisation.

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

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

All procurement is undertaken in line with all relevant procurement rules and regulations and includes the utilisation of various Scottish Government tools and applications such as the Sustainable Test and the Public Contracts Scotland Tendering portal.

Examples of contracts awarded in FY 21/22 and the sustainability considerations associated with these are outlined below.
• Supply and Delivery of COP26 volunteer uniforms. – as part of the sustainable outcomes it was agreed that a tree would be planted for every uniform purchased. A total of 1,000 trees have now been planted
• Glasgow City Region Home Energy Retro-fit Proposal - Delivering home energy refit at scale will be a key part of delivering ambitions for net zero carbon. It will provide clean, low carbon energy efficient homes. The programme will seek to accelerate the use of green energy initiatives.
• Home Energy Efficiency Programmes for Scotland (HEEPS) 20/21 - This project will ensure that the housing in the city is sustainable, in terms of environmental, by contributing to reducing CO2 emissions by at least 80% by 2050. The project will help to tackle fuel poverty with the area targeted for the project falling within the lowest 20% of Scottish Index of Multiple Deprivation.

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.

The Council's policy is to ensure 5% of the available evaluation criteria is set aside for Fair Work First criteria. The related question also encourage suppliers to confirm if the organisation pays the Glasgow or Scottish Real Living Wage and advise on the delivery of the 7 themes under FWF.

Community Benefits Steering Group

To support the implementation of the Council's Community Benefits policy and to help drive further improvements, a Community Benefits Steering Group was established. The Steering Group oversees and supports delivery of Community Benefits outcomes while also working to identify and lead on further developments to the council's Community Benefits process. The group's responsibilities include:

• Leading and supporting the identification and prioritisation of potential Community Benefits opportunities through regular reviews of the Corporate Procurement Unit Work Plan.
• Providing feedback and guidance to Commodity Owners and Client Departments to inform Community Benefits expectations in procurement activity.
• Reviewing and monitoring the outcomes achieved through Community Benefits
• Supporting the on-going development of the Community Benefits process
• Continual review of Community Benefits Menu, definitions, points and themes.

The Council use a web based portal called Cenefits which allows suppliers, community benefits officers and project officer the opportunity to update the system on the progress on the delivery of community benefits against each contract. The systems allows the council to monitor the outcomes against agreed deadlines.

The group sits on a 6 monthly basis and is comprised of representatives from across the council and wider partners including, Community Planning, Neighbourhoods and Regeneration and Sustainability, Education Services, Financial Services, Chief Executive Dept and the Poverty Leadership Panel. The group now has a greater focus on Community Engagement and Food Poverty.

Community Benefit outcomes derived from the procurement activity for FY 21/22 is detailed below:
•49 new entrant positions
•83 work experience placements
•62 workplace visit and careers events
•£77,000 Community Engagement funding opportunities

Community Benefit outcomes derived from the procurement activity for FY 21/22 is detailed below:
- 49 new entrant positions
- 83 work experience placements
- 62 workplace visit and careers events
- £77,000 Community Engagement funding opportunities
- 475 hours of community Engagement

Public Sector Report on Compliance with Climate Change Duties 2022 Template

PART 6 Validation and Declaration

6a Internal validation process

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

The City council undertaken an internal validation by sharing the return with colleagues across relevant departments for comment and appraisal.

6b Peer validation process

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

No peer validation was undertaken at this time.

6c External validation process

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

No external validation was undertaken at this time.

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.

The information in the report has been validated internally and will be verified again through committee processes, when it will be discussed prior to submission.

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:	George Gillespie
Role in the body:	Director of NRS
Date:	

Recommended Reporting: Reporting on Wider Influence

Wider Impact and Influence on GHG Emissions

Q1) Historic Emissions (Local Authorities Only)
Please indicate emission amounts and unit of measurement (e.g. tCO_2e) and years. Please provide information on the following components using data from the links provided below. Please use (1) as the default unless targets and actions relate to (2).
Please note : These statistics cover territorial emissions of carbon dioxide (CO2), methane (CH4) and nitrous oxide (N2O), although not fluorinated gases, which are also included in the UK territorial greenhouse gas emissions statistics. Prior to the 2005 to 2020 publication the statistics covered emissions of carbon dioxide only
(1) UK local and regional 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)	Glasgow City
BEIS Dataset:(full or sub-set)	Full

Source	Sector	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Units	Comments
BEIS Sectors	Total Emissions	[x]	[x]	[x]	[x]	[x]	[x]	[x]	[x]	[x]	2,874.15	2,743.10	2,381.44	**ktCO2e**	
	Industry and Commercial	1,201.01	1,301.70	1,219.15	1,329.20	1,221.35	1,007.19	986.22	808.58	757.62	750.24	663.61	554.30	**ktCO2e**	
	Domestic	1,224.00	1,293.42	1,141.11	1,211.93	1,159.79	975.64	944.52	862.77	822.65	794.07	781.71	736.08	**ktCO2e**	
	Transport total	956.23	928.94	908.48	910.48	897.64	883.31	876.91	888.32	878.36	853.78	826.68	662.46	**ktCO2e**	
	Per Capita	[x]	[x]	[x]	[x]	[x]	[x]	[x]	[x]	[x]	4.59	4.33	3.75	**ktCO2e**	
Other Sectors	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	

2a) Targets
Please detail your wider influence targets

Sector	Description	Type of Target (units)	Baseline value	Start year	Target	Target/End year	Saving in latest year measured	Latest Year Measured	Comments
Overall Reduction Target	Net Zero Carbon Reduction by 2030	Percentage Emissions (%)	4215 ktCO2	2021	Net Zero by 2030	2030	50%	2021	The City began work on a net zero feasibility study in 2021, this will inform mitigation pathways and potentially sectoral/ interim targets.
Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box	
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Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box	

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

Glasgow City Council published it's 'Climate Plan' in 2021. This Strategy outlines how the city will respond to the climate and ecological emergency and meet it's Net Zero Carbon target.

Q3) Policies and Actions to Reduce Emissions
Please detail any of the specific policies and actions which are underway to achieve your emission reduction targets

Sector	Start year for policy/action implementation	Year that the policy/action will be fully implemented	Annual CO_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 change tool been used?	Please give further details of this behaviour change activity.	Value of Investment (£)	Ongoing Costs (£/year)	Primary Funding Source for Implementation of Policy/Action	Comments
Overall Reduction Target	2021	2030		2021		In Implementation	CO2 Emissions	Influencing	No		Estimated 40bn		Other (please specify in comments)	Multiple sources, capita investment and public/ private finance
Transport	2022	2030	193,560.0	2022	118,800.0	In Implementation	Vehicle KM	Enabling	No		?		Capital investment	?
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

The City have started work on a net zero carbon feasibility study, this will highlight more specific emissions data, mitigation pathways and potential costs. It will better inform future action and measurability.

Q4) Partnership Working, Communications and Capacity Building

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

Key Action Type	Description	Organisation's project role	Lead Organisation (if not reporting organisation)	Private Partners	Public Partners	3rd Sector Partners	Outputs	Comments
Partnership Working	Sustainable Glasgow	Lead		SPEN	Clyde Gateway University of Glasgow University of Strathclyde Glasgow Chamber of Commerce Wheatley Group	GCPH	Sustainable Glasgow Charter and Website	The Partnerhsip was under review and is being relaunched in the autumn of 2022.
Partnership Working	Climate Ready Clyde	Participant	Sniffer	SGN	North Lanarkshire Council, Glasgow City Council, East Renfrewshire Council, South Lanarkshire Council, Scottish Government, West Dunbartonshire Council, East Dunbartonshire Council, Inverclyde Council, Renfrewshire Council, SEPA, NHS Great Glasgow and Clyde University of Glasgow and University of Strathclyde		Adaptation Strategy for the City Region Risk and Vulnerability Assessment for Glasgow City Region	The Partnerhsip has entered a new phase, aiming to engage with private and third sector organisations. Fostering collaboration between public, private and third sector organisations to affect transformative adaptation action.
Capacity Building (ie. staff training and development initiatives)	Climate Literacy Training	Lead				Keep Scotland Beautiful	Accredited Climate Literacy Course for Glasgow City Council Employees	The city continue to roll out training to staff, having now trainedand received accrediation for over 40
Communications	Get Ready Glasgow	Lead					Webpage with information in relation to COP 26 and 27.	This is aimed at citizens and community organisations.
Partnership Working	Glasgow Biodiversity Partnership	Lead			NatureScot, Forestry and Land Scotland (FLS), Scottish Environment Protection Agency (SEPA)	Royal Society for the Protection of Birds (Scotland) (RSPB) along with other environmental interest groups.	Working Group set up, workplan to be agreed	The Council established a Glasgow Biodiversity Partnership consisting of representatives from 18 different environmental organisations.
Partnership Working	Carbon Neutral Cities Alliance	Participant			Cities		Currently developing a framework for addressing scope 3 emissions.	Network of Citites, including 23 cities worldwide
Partnership Working	C40 Cities	Participant			CDP World Bank	Networks of cities: ICLEI UCLG Cities Alliance Global Covenant of Mayors for Climate and Energy	A Currently developing a City Portrait as part of the 'Thriving Cities' Initiative.	Global netwrok of Mayors, including 96 Cities worldwide
Please select from drop down box		Please select from drop down box						
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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
Biodiversity	Refresh of Glasgow's Local Biodiversity Action Plan (LBAP) for 2023-2028 to support the emerging new Post-2020 Scottish Biodiversity Strategy being produced by Scottish Government in cognisance of the outcomes from the Edinburgh Declaration and forthcoming Part 2 of COP15.	Lead	Increased and enhanced biodiversity	https://www.glasgow.gov.uk/councillorsandcommittees/viewSelectedDocument.asp?c=P62AFQDNZLZLDN0GZL
Biodiversity	Local Biodiversity Action Plan Notable Action - "Green Connectors" –Phase 1 in Pollok and Rosshall funded by NatureScot Biodiversity Challenge Fund has created 16.5ha meadow created through maintenance change, 2.3ha meadow created through cultivation, 1.0ha yellow rattle sown, 1,425m hedgerow planted, 13,730 woodland edge whips planted, 4,765m of hedgerow/ woodland seeding, 14,725 wildflower plugs and 5,840m2 spring bulbs planted.	Lead	Increased and enhanced biodiversity	https://www.glasgow.gov.uk/councillorsandcommittees/viewSelectedDocument.asp?c=P62AFQDNZLZLDN0GZL
Food & Drink	Delivery of our Food Growing Strategy. This included action to increase growing spaces in the city. So far this has provided a further 132 growing plots across the City and brought 3.697 hectares of land into use for Food Growing.	Lead	Reduce the carbon footprint associated with Food Supply Chains for growers across the City and encourage more new growers to reduce their footprint also as they become engaged in growing.	https://www.glasgow.gov.uk/councillorsandcommittees/viewDoc.asp?c=P62AFQDNZLDXDNT1T1
Water	Drumchapel Surface Water Management Project (MGSDP) - This project has delivered a number of on-line storage areas along the Garscadden Burn in Drumchapel, to manage high flows during storm events, using the natural valley area as temporary floodplain storage to manage water and reduce flood risk for circa 800 properties in both the local community and communities downstream. This low-carbon approach, using blue-green infrastructure, will also reduce pressure on the combined sewer network to enable new development within the catchment, and ensure drainage infrastructure is more resilient.	Lead	Improved biodiversity and also improved connectivity for the local area due to the installation of new paths and crossings over the burn.	https://www.mgsdp.org/index.aspx?articleid=27665
Food & Drink	Publication of the Glasgow Food Plan	Participant	Significantl increase in the proportion of food consumed in Glasgow from local producers and a reduction in reliance on global food production networks as a way of cutting CO2 emissions and reducing the city's carbon footprint.	The Glasgow City Food Plan was published in the summer of 2021 and various working groups have been developed to deliver on the plan, especially pertinent to GCC's requirements in the public sector food provision for example school meals and tackling food waste. A more localised food economy would contribute significantly to important public policy agendas, notably the city and Scotland's targets in tacking climate change and environmental protection, improving health and well-being across the city, stimulating local economic development and employment, and empowering communities. The vision is for a sustainable local food economy in Glasgow.
Resource Use	Community Calling' Project	Lead	1500 smartphones given a new home with people who, for whatever reason, do not have access to a device, the internet or have the digital skills necessary to use them.	A circular economy project in Glasgow is taking unwanted smartphones, resetting them, adding a year's free data and gifting them to people who are digitally excluded.
Resource Use	Tool Library	Participant	Decreased consumption. Increased equity.	Each year GCC works with its compliance scheme partner Valpak UK Ltd to increase the reuse of small electrical items during electrical reuse month (August). This asks people to give their unwanted (preferably working) small electrical items a new lease of life by donating them at GCC HWRCs for them to be safety tested and given to selected charities.
Procurement	Prioritisation Tool Revision	Lead	This will help the procurement team and officers raising contracts to evaluate and determine how best to embed key principles of sustainability and circularity into current procurement requirements.	Work has begun on the review of sustainable procurement requirements by the existing internal sustainable procurement working group to ensure this is fit for purpose. This work is revising the sustainability tests within the procurement prioritisation tool provided by the Scottish Government. Each separate commodity is being updated to take account of the council's position on the Climate and Ecological Emergency Declaration, the Circular Economy Route Map and any associated policy or agreements to ensure this is reflected within the tests being asked of external suppliers.
Please select from drop down box	Capacity Building	Participant	Increased awareness of sustainability and circularity within procurement.	Training courses are underway to build capacity within the Corporate Procurement section that will arm our officers with an understanding of sustainability and circularity across many diverse sectors. Zero Waste Scotland are providing training to local
Please select from drop down box	Climate Conversations and Climate Cafes	Supporting	The city have been wprking with local partners to develop innovative ways to meaningfully engage local communities on climate change	
Water	Tidal Flooding on the Clyde Options Analysis and Scoping of Adaptation Pathways	Participant	Identification of recommendations to take forward an adaptation pathway approach for the tidal River Clyde.	Report, commissioned by Clyde Mission and published by Climate X Change, titled: Tidal Flooding on the Clyde Options Analysis and Scoping of Adaptation Pathways https://www.climatexchange.org.uk/research/projects/tidal-flooding-on-the-clyde-options-analysis-and-scoping-of-adaptation-pathways/
Other (please specify in comments)	EV Charging Infrastructure	Lead	During 2021/22, the city installed an additional 50 publicly available chargers for electric vehicles.	This will bring the total number of publicly available EV chargers installed by the City Council to 292, with a further 80 planned for installation in the year ahead.
Please select from drop down box		Please select from drop down box		
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Q6) Please use the text box below to detail further climate change related activity that is not noted elsewhere within this reporting template