

Finance and Physical Resources Committee

Date of Meeting	22 November 2017
Paper No.	FPRC2-O
Agenda Item	17
Subject of Paper	Climate Change Report 2016-17
FOISA Status	Disclosable
Primary Contact	Fares Samara, VP Infrastructure
Date of production	17 November 2017
Action	For Approval

1. Recommendations

1. To consider and approve the attached draft Climate Change Report.

2. Purpose of report

2.1 The purpose of this report is to advise government of our climate change position and carbon footprint which is a mandatory requirement under the Climate Change Act 2009.

3. Context

3.1 Sustainability is a key supporting strategy highlighted in the College Strategic Plan at Strategic Priority 6:

“6. To be efficient, effective, innovating, and vigilant”.

3.2 Action to mitigate climate change is a key component of the Scottish Government’s aim to create a growing, sustainable and inclusive economy. The Climate Change (Scotland) Act 2009 set world-leading greenhouse gas emissions reduction targets, including a target to reduce emissions by 80% by 2050.

3.3 The Climate Change Act places duties on public bodies with respect to climate change. The Act requires public bodies to have regard to this guidance; Section 44 of the Act places duties on public bodies relating to climate change which requires them to: contribute to carbon emissions reduction targets; contribute to climate change adaptation; and to act sustainably.

3.4 The Act also allows Ministers, by Order, to impose other climate change duties, to require reports on compliance with climate change duties, and to designate one or more bodies or persons to monitor compliance and to carry out investigations. Some of these powers have not yet been used. However, following public consultation and parliamentary scrutiny, a Statutory Order under section 46 of the Act came into force on 23 November 15, requiring list public bodies to annually report on compliance with the climate change duties. The Order sets out the reporting requirement, list of public sector major players involved and the standard climate change reporting form.

3.5 Major players listed in the Order (City of Glasgow College included) are expected to submit their reports to the Scottish Government for the period 1 August 2015 to 31 July 2016 by 30 November 2016 and each year thereafter.

4. Impact and implications

4.1 Statutory Order under section 46 of the Climate Change Act 2009 came into force on 23 November 15, requiring list public bodies to annually report on compliance with the climate change duties.

Appendices:

Appendix 1: Climate Change Report 2016-17

Appendix 2: Board of Management Structure with Sub Committees

Public Sector Climate Change Duties Report Template

Introduction

Welcome to this online reporting portal to submit your annual reports under the Climate Change (Duties of Public Bodies: Reporting Requirements) (Scotland) Order 2015.

Please submit your 2016-17 Climate Change Report through this system on or before **30th November 2017**.

Technical guidance notes on the system can be accessed [here](#).

Detailed guidance notes on how to complete the sections can be accessed on the SSN support for reporting webpages [here](#)

Please note that access to **Q3A & Q3B** is only currently available to bodies reporting on either a Financial year (01/04/16 – 31/03/17) and Calendar Year (01/01/2016 – 31/12/2017). Bodies using the academic reporting year (both fiscal and financial) will be able to access Q3A & 3B following the publication of the 2017 Greenhouse gas emissions factors by BEIS, expected on or around 30th June 2017. All other questions on the form will be able to be completed in the meantime

The recommended reporting section follows on at the bottom of the form following the declaration which allows you to provide information on the wider impact and influence of your organisation on GHG emissions.

Please note that there is a limit set on your session time which expires after 10 minutes and any work that has not been saved will be lost. To ensure you do not lose any entries, please remember to save the form after each entry.

Required section

1 Profile of reporting body

1a Name of reporting body

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

1b Type of body

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

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
Floor area	m2	68245	Figure is Gross Internal Area (GIA) from recent valuation reports
Number of full-time students	number FTS	17061	Full Time Equivalent (FTE)
Other (please specify in the comments)	other (please specify in comments)	2344	Degree Days for 2016/17 obtained from www.degreedays.net (value for Glasgow)

1e Overall budget of the body (£).

Specify approximate £/annum for the report year

Comments

1f Specify the report year type.

Academic

1g Context

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

Educational establishment consisting of 2 campuses within the city centre of Glasgow. Six faculties which include Business; Building, Engineering & Energy; Creatives Industries; Education & Society; Leisure & Lifestyle and Nautical. These are also supported by support functions including Central Administration; Finance; Infrastructure; Libraries; People & Culture; Performance; Planning & Executive Office; Student Development and Student Services.

Reporting includes electricity, gas, oil, water, waste, fleet and business mileage.

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.

Sustainability Strategy drafted and developed in 2017, with associated initiatives including benchmarks, performance measures and targets developed in 2018. Three main streams - Economic, Environmental and Social.

Finance & Physical Resources Committee (FPRC) will monitor development and delivery of Sustainability Strategy.

Environmental Sustainability Working Group (ESWG) set up in April 2017 consisting of members from each Faculty, Support Function and Students Association ensuring wide coverage throughout the College.

Organisation Chart - Board / Executive attached.

  BoM Structure with Sub Committees 2017.pdf

2b How is climate change action managed and embedded by 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.

Finance & Physical Resources Committee (FPRC) will monitor development and delivery of Sustainability Strategy.

~~Environmental Sustainability Working Group set up in April 2017 consisting of members from each Faculty, Support Function and Students Association ensuring wide coverage throughout the College. Group meets every 2 months and works from an action plan in improving and addressing aims and objectives from the Sustainability Strategy.~~

Fergal McCauley, Head of Facilities Management chairs Environmental Sustainability Working Group (ESWG)
 Steven Giannandrea, Soft Services Manager has day to day responsibility for climate change and sits on the ESWG.

Faculty of Education & Society deliver a range of community based activities as well s social care courses.
 Faculty of Nautical Studies deliver a sustainability module for seafarers.

 ~~BoM Structure with Sub Committees 2017.pdf~~

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	Link
1. To ensure Financial Sustainability meeting all statutory & governance requirements and supporting a positive and innovative student experience. 2. To secure diversity of income and sustainable development. 3. To be a best practice organisation in procurement and achieve value for money through continually improving our sustainable procurement practice. 4. To develop and implement sound environmental management policies and practices across the College. 5. As a key College in Glasgow to engage actively in activities that contribute to the wider good of society and to the specific communities that we serve.	Annual Report 2016-17 (Section 6) (Draft) Strategic Plan 2017-25 Sustainability Strategy 2016-21 (Draft)	http://www.cityofglasgowcollege.ac.uk/sites/default/files/City-of-Glasgow-College-Strategic-Plan-2017-2025.pdf

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.

Annual Report 2016-17 (Section 6) (Draft)
 Strategic Plan 2017-25 - College website
 Sustainability Strategy 2016-21 (Draft)
 Corporate Risk Register - held by College Secretary

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				
Business travel				

	Sustainability Strategy (Draft) Green Travel Plan Environmental Policy	https://connected.cityofglasgowcollege.ac.uk/sites/default/files/20120201environmental-policy.pdf	2016-21 2016-18 Feb 2012 (published)	Where no link, files are within college intranet or in draft
	Business Travel Procedures Strategic Plan	http://www.cityofglasgowcollege.ac.uk/sites/default/files/City-of-Glasgow-College-Strategic-Plan-2017-2025.pdf	Feb 2016 (published) 2017-25	
Staff Travel	Sustainability Strategy (Draft) Green Travel Plan Environmental Policy Business Travel Procedures Strategic Plan	https://connected.cityofglasgowcollege.ac.uk/sites/default/files/20120201environmental-policy.pdf http://www.cityofglasgowcollege.ac.uk/sites/default/files/City-of-Glasgow-College-Strategic-Plan-2017-2025.pdf	2016-21 2016-18 Feb 2012 (published) Feb 2016 (published) 2017-25	Where no link, files are within college intranet or in draft
Energy efficiency	Sustainability Strategy (Draft) Environmental Policy Strategic Plan Business Continuity Plan	https://connected.cityofglasgowcollege.ac.uk/sites/default/files/20120201environmental-policy.pdf http://www.cityofglasgowcollege.ac.uk/sites/default/files/City-of-Glasgow-College-Strategic-Plan-2017-2025.pdf	2016-21 Feb 2012 (published) 2017-25	Where no link, files are within college intranet or in draft
Fleet transport	Sustainability Strategy (Draft) Green Travel Plan Environmental Policy Strategic Plan	https://connected.cityofglasgowcollege.ac.uk/sites/default/files/20120201environmental-policy.pdf http://www.cityofglasgowcollege.ac.uk/sites/default/files/City-of-Glasgow-College-Strategic-Plan-2017-2025.pdf	2016-21 2016-18 Feb 2012 (published) 2017-25	Where no link, files are within college intranet or in draft
Information and communication technology	Sustainability Strategy (Draft) Environmental Policy ICT Business Continuity Plan (Draft) Strategic Plan Business Continuity Plan	https://connected.cityofglasgowcollege.ac.uk/sites/default/files/20120201environmental-policy.pdf http://www.cityofglasgowcollege.ac.uk/sites/default/files/City-of-Glasgow-College-Strategic-Plan-2017-2025.pdf	2016-21 Feb 2012 (published) June 2017 (Draft) 2017-25	Where no link, files are within college intranet or in draft
Renewable energy	Sustainability Strategy (Draft) Environmental Policy BREEAM Certificates	https://connected.cityofglasgowcollege.ac.uk/sites/default/files/20120201environmental-policy.pdf http://www.cityofglasgowcollege.ac.uk/sites/default/files/City-of-Glasgow-College-Strategic-Plan-2017-2025.pdf	2016-21 Feb 2012 (published) 2017-25	Where no link, files are within college intranet or in draft
Sustainable/renewable heat	Sustainability Strategy (Draft) Environmental Policy BREEAM Certificates Strategic Plan	https://connected.cityofglasgowcollege.ac.uk/sites/default/files/20120201environmental-policy.pdf http://www.cityofglasgowcollege.ac.uk/sites/default/files/City-of-Glasgow-College-Strategic-Plan-2017-2025.pdf	2016-21 Feb 2012 (published) 2017-25	Where no link, files are within college intranet or in draft
Waste management	Sustainability Strategy (Draft) Environmental Policy Strategic Plan	https://connected.cityofglasgowcollege.ac.uk/sites/default/files/20120201environmental-policy.pdf http://www.cityofglasgowcollege.ac.uk/sites/default/files/City-of-Glasgow-College-Strategic-Plan-2017-2025.pdf	2016-21 Feb 2012 (published) 2017-25	Where no link, files are within college intranet or in draft
Water and sewerage	Sustainability Strategy (Draft) Environmental Policy Strategic Plan	https://connected.cityofglasgowcollege.ac.uk/sites/default/files/20120201environmental-policy.pdf http://www.cityofglasgowcollege.ac.uk/sites/default/files/City-of-Glasgow-College-Strategic-Plan-2017-2025.pdf	2016-21 Feb 2012 (published) 2017-25	Where no link, files are within college intranet or in draft
Land Use				
Other (state topic area covered in the comments)				

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.

1. To ensure Financial Sustainability meeting all statutory & governance requirements and supporting a positive and innovative student experience.
2. To secure diversity of income and sustainable development.
3. ~~To be a best practice organisation in procurement and achieve value for money through continually improving our sustainable procurement practice.~~
4. To develop and implement sound environmental management policies and practices across the College.
5. As a key College in Glasgow to engage actively in activities that contribute to the wider good of society and to the specific communities that we serve.

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.

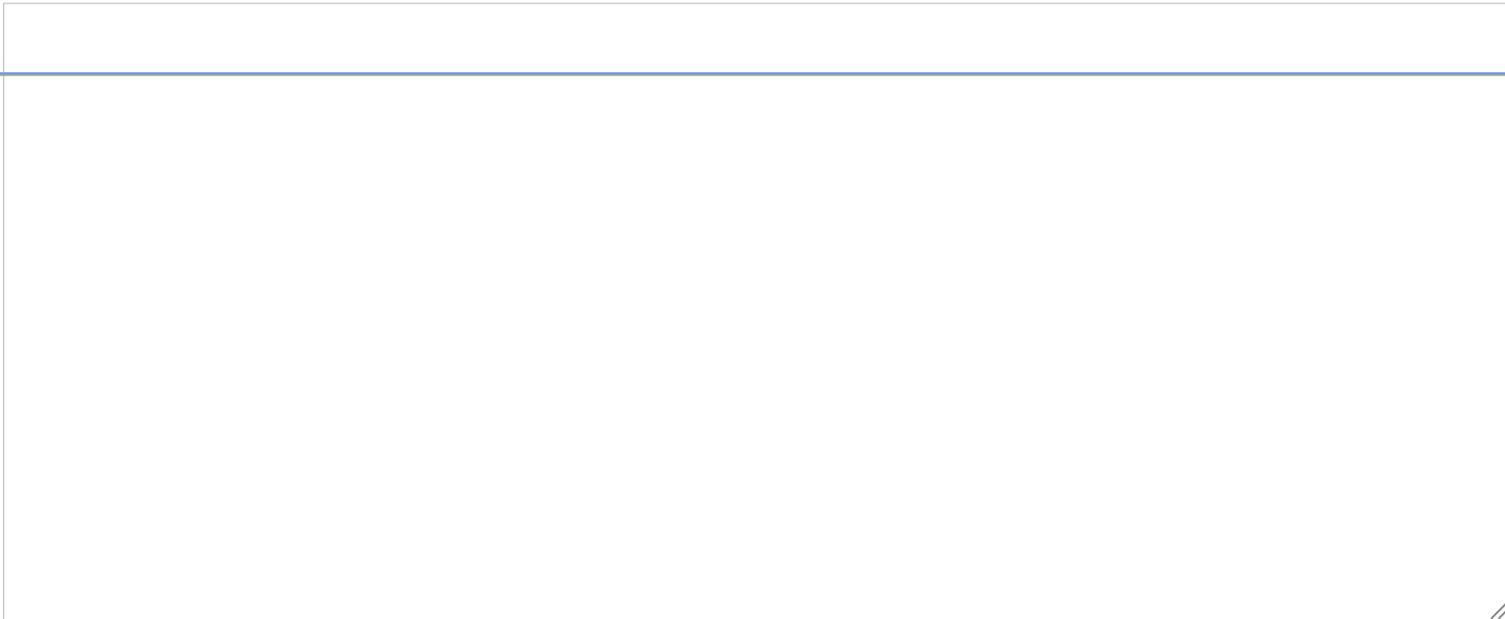
(a) This refers to the tool developed by Resource Efficient Scotland for self-assessing an organisation's capability / performance in relation to climate change.

The newly setup ESWG will include this tool within the overall action plan to help assess the Colleges capability/performance over the coming year.

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.



3 Emissions, Targets and Projects

Emissions

3a Emissions from 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 year which is used as a baseline 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 document entitled "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.

Reference Year	Year	Scope 1	Scope 2	Scope 3	Total	Units	Comments
Baseline carbon footprint	2015/16 ▼	2665	3199	45	5909	tCO2e	
Year 1 carbon footprint ▼	2016/17 ▼					tCO2e	Electricity and gas oil consumption has reduced due to migration from legacy

3b Breakdown of emission 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, for any such category of emission source, it is not possible to provide a simple emission factor(a) leave the field for the emission factor blank and provide the total emissions for that category of emission source in the 'Emissions' column.

If providing consumption data for Water – Supply, please also include the Emission Source and consumption data for Water – Treatment.

If providing consumption data for Grid Electricity (generation), please also include the Emission Source and consumption data for Grid Electricity (transmission & distribution losses).

(a) Emission factors are published annually by the UK Government Department for Environment, Food and Rural Affairs (Defra).

Emission Source	Scope	Consumption data	Units	Emission factor	Units	Emissions (tCO2e)	Comments
Grid Electricity (generation) ▼	Scope 2 ▼	7305003	kWh ▼	0.35156 ▼	kg CO2e/kWh ▼	2568.15	
Grid Electricity (transmission & distribution losses) ▼	Scope 3 ▼	7305003	kWh ▼	0.03287 ▼	kg CO2e/kWh ▼	240.12	
Natural Gas ▼	Scope 1 ▼	11990043	kWh ▼	0.18416 ▼	kg CO2e/kWh ▼	2208.13	
Gas Oil ▼	Scope 1 ▼	2027	litres ▼	2.95351 ▼	kg CO2e/litre ▼	5.99	

Marine Gas Oil	Scope 1	4000	litres	2.73625	kg CO2e/litre	10.94	
Diesel (average biofuel blend)	Scope 1	38000	litres	2.60016	kg CO2e/litre	98.81	Bio-Diesel for CHP Systems
Water - Supply	Scope 3	25790	m3	0.344	kg CO2e/m3	8.87	
Water - Treatment	Scope 3	24501	m3	0.708	kg CO2e/m3	17.35	
Mixed recycling	Scope 3	220	tonnes	21.8	kg CO2e/tonne	4.79	
Organic Food & Drink AD	Scope 3	35	tonnes	21.8	kg CO2e/tonne	0.76	
Glass Recycling	Scope 3	3	tonnes	21.8	kg CO2e/tonne	0.07	
Construction (Average) Recycling	Scope 3	63	tonnes	1.4	kg CO2e/tonne	0.09	C&D and Wood Waste
Metal Cans (Mixed) & Metal Scrap Recycling	Scope 3	8	tonnes	21.8	kg CO2e/tonne	0.17	
Refuse Municipal /Commercial /Industrial to Combustion	Scope 3	124	tonnes	21.8	kg CO2e/tonne	2.70	
Paper & Board (Mixed) Recycling	Scope 3	32	tonnes	21.8	kg CO2e/tonne	0.70	
WEEE (Mixed) Recycling	Scope 3	0.23	tonnes	21.8	kg CO2e/tonne	0.01	Cable waste
Average Car - Unknown Fuel	Scope 3	54258	miles	0.29357	kg CO2e/mile	15.93	Grey Fleet
Taxi (black cab)	Scope 3	37866	passenger km	0.21337	kg CO2e/passenger km	8.08	
Car - petrol (Medium car from 1.4 - 2.0 litre engine)	Scope 1	9857	miles	0.31365	kg CO2e/mile	3.09	2 x college owned cars
Van - Class I (up to 1.305 tonnes) Diesel	Scope 1	1798	miles	0.24073	kg CO2e/mile	0.43	1 x college owned box van
Van - Class II (1.305 to 1.74 tonnes) Diesel	Scope 1	8875	miles	0.37874	kg CO2e/mile	3.36	2 x college owned vans
Domestic flight (average passenger)	Scope 3	501996	passenger km	0.26744	kg CO2e/passenger km	134.25	
International flights (average passenger)	Scope 3	1383064	passenger km	0.18026	kg CO2e/passenger km	249.31	
					Total	5582.10	Electricity and gas oil consumption has reduced due to migration from legacy buildings into new City Campus.

3c Generation, consumption and export of renewable energy

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

Technology	Renewable Electricity		Renewable Heat		Comments
	Total consumed by the organisation (kWh)	Total exported (kWh)	Total consumed by the organisation (kWh)	Total exported (kWh)	
Solar PV	71441	0	0	0	RooFIT applications submitted for both sites.

Solar thermal	0	0	16249	0	RHI to be completed for both sites.
Other	28125	0	24488	0	Bio-diesel CHP Engines

Targets

3d Targets

List all of the body's targets of relevance to its climate change duties. Where applicable, overall carbon targets and any separate land use, energy efficiency, waste, water, information and communication technology, transport, travel and heat targets should be included.

Name of Target	Type of Target	Target	Units	Boundary/scope of Target	Progress against target	Year used as baseline	Baseline figure	Units of baseline	Target completion year	Comments
Utility Consumption Reduction	percentage	1	total % reduction	All energy use		2016/17	5016.4	tCO2e	2017/18	Gas and Electricity
Waste Recycling	percentage	75	Other (specify in c	Waste		2016/17	9.29	tonnes	2017/18	Percentage of total waste recycled

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" into the comments box.

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

Emissions Source	Total estimated annual carbon savings (tCO2e)	Comments
Electricity		
Natural gas		
Other heating fuels		
Waste		
Water and sewerage		
Business Travel		
Fleet transport		
Other (specify in comments)		
Total		

0.00

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 CO2e 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 (tCO2e / annum)	Estimated costs savings (£/annum)	Behaviour change aspects including use of ISM	Comments

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 (tCO2e)	Increase or decrease in emissions	Comments
Estate changes	630.45	Decrease	Electrical consumption decreased due to migration from several legacy buildings to new City Campus. Note: Transmission was missed within last years report; therefore
Service provision			
Staff numbers			
Other (specify in comments)			
Total		-630.45	

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 body does not have any information for an emissions source, enter "Unknown" into the comments box.

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

Emissions Source	Total estimated annual carbon savings (tCO2e)	Comments
Electricity		
Natural gas		
Other heating fuels		
Waste		
Water and sewerage		
Business Travel		
Fleet transport		

Other (specify in comments) ▾		
Total	0.00	

3i Estimated decrease or increase in the body's emissions attributed to factors (not reported elsewhere in this form) in the year ahead

If the emissions are likely to increase or decrease due to any such factor in the year ahead, provide an estimate of the amount and direction.

Emissions source	Total estimated annual emissions (tCO2e)	Increase or decrease in emissions	Comments
Estate changes ▾			
Service provision ▾			
Staff numbers ▾			
Other (specify in comments) ▾			
Total		0.00	

3j Total carbon reduction project savings since the start of the year which the body uses 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 (tCO2e)	Comments
Total project savings since the 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 its emissions, targets and projects.

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).

Environmental Sustainability Working Group currently researching adaptation scotland website and climate change risk assessments in the view of completing the latter over the coming year.

The College has a corporate risk register and a Business Continuity Plan which contains climate related risk such as flooding and utility loss.

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.

Business Continuity Plan and Corporate Risk Register.
 Once climate change risk assessment drafted, this will feed into this plan and other corporate strategies where required in mitigating risk.

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.

Environmental Sustainability Working Group currently researching adaptation scotland website and climate change risk assessments in the view of completing the latter over the coming year.

4d Where applicable, what progress has the body made in delivering the policies and proposals referenced N1, N2, N3, B1, B2, B3, S1, S2 and S3 in the Scottish Climate Change Adaptation Programme(a) ("the Programme")?

If the body is listed in the Programme as a body responsible for the delivery of one or more policies and proposals under the objectives N1, N2, N3, B1, B2, B3, S1, S2 and S3, provide details of the progress made by the body in delivering each policy or proposal in the report year.

(a) This refers to the programme for adaptation to climate change laid before the Scottish Parliament under section 53(2) of the Climate Change (Scotland) Act 2009 (asp 12) which currently has effect. The most recent one is entitled "Climate Ready Scotland: Scottish Climate Change Adaptation Programme" dated May 2014.

Objective	Objective reference	Theme	Policy / Proposal reference	Delivery progress made	Comments
Understand the effects of climate change and their impacts on the natural environment.	N1	Natural Environment	▼		

Support a healthy and diverse natural environment with capacity to adapt.	N2	Natural Environment	▼		
Sustain and enhance the benefits, goods and services that the natural environment provides.	N3	Natural Environment	▼		
Understand the effects of climate change and their impacts on buildings and infrastructure networks.	B1	Buildings and infrastructure networks	▼		
Provide the knowledge, skills and tools to manage climate change impacts on buildings and infrastructure.	B2	Buildings and infrastructure networks	▼		
Increase the resilience of buildings and infrastructure networks to sustain and enhance the benefits and services provided.	B3	Buildings and infrastructure networks	▼		
Understand the effects of climate change and their impacts on people, homes and communities.	S1	Society	▼		
Increase the awareness of the impacts of climate change to enable people to adapt to future extreme weather events.	S2	Society	▼		
Support our health services and emergency responders to enable them to respond effectively to the increased pressures associated with a changing climate.	S3	Society	▼		

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).

Environmental Sustainability Working Group currently researching adaptation scotland website and climate change risk assessments in the view of completing the latter over the coming year.

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).

Environmental Sustainability Working Group currently researching adaptation scotland website and climate change risk assessments in the view of completing the latter over the coming year.

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

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

1. Draft a climate change risk assessment
2. Review findings of risk assessment and identify areas where mitigating factors are required in developing an action plan embedding within corporate plans/strategies where required
3. Develop and implement an action plan in mitigating key climates risks
4. Ensure risks are recorded in corporate risk register with BCP updated accordingly
5. Review and update climate change risk assessment annually or after any changes which would require a review

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 adaptation.

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.

City of Glasgow College ensure legislative compliance with the Procurement Reform (Scotland) Act 2014 and other relevant legislation and is aligned with the College's and the Scottish Funding Council's key strategic outcomes as detailed in our Regional Outcome Agreement and Corporate Strategy Plan 2017 – 2025 as stated within our Procurement Strategy 2016 – 2020. A key element of the new legislation requires the College to meet the Sustainable Procurement Duty/

"The Sustainable Procurement Duty – in compliance with the Act the College will give consideration to the environmental, social and economic issues relating to all regulated procurements and how benefits can be accrued, on a contract-by-contract basis by taking proportionate actions to involve SME's, third sector bodies and supported businesses in our procurement activities and in so doing benefit not only the College but the wider West Central Scotland.

To support compliance with the duty the College will endeavour to make use available tools and systems such as the Scottish Public Procurement Prioritisation Tool, the Sustainability Test, Life Cycle Impact Mapping, the Scottish Flexible Framework as well as APUC's Code of Conduct, Sustain and Electronics Watch where relevant and proportionate to the scope of the procurement." – Extract from City of Glasgow College, Procurement Strategy 2016 – 2020.

Our procurement mission, detailed within our Procurement Strategy, is to support the College's wider mission by enabling and supporting the College community in achieving value for money through continually improving our sustainable procurement practices. This includes completing Sustainability Tests, Impact Assessments and Life Cycle Costing for all Regulated procurement activity (examples included in 'Pest Control Project Strategy in section 5c'.

One of our Strategic Objectives is to embed sound ethical, social and environmental policies within the College's procurement function and to comply with relevant Scottish, UK and EU legislation in performance of the sustainable procurement duty. Within this objective are the following actions and commitments for the College:

1. Set out the organisational policy on how regulated procurements are to be undertaken in compliance with the sustainable procurement duty

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

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

The Procurement Service completes a Project Strategy Documents for every tender over the value of £50k which includes Sustainability test. This test helps identify ethical, social and environmental impacts and compliance to the College and Community of the goods, works or services being procured. This then feeds through to the tender document, evaluation and contract management (KPI's).

City of Glasgow College currently comply with The Sustainability Duty under the new legislation by including ethical, social and environmental sustainability within tender specifications and as part of the award criteria. Within section 5c please see examples of Project Strategies containing Sustainability Tests and Tender Documents evidencing that ethical, social and environmental sustainability is considered in the Specification and Award Criteria.

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.

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.

FPRC - 22 November 2017 - statement required
ESWG - 24 November 2017 - statement required

6b Peer validation process

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

City of Glasgow College partook in a SSN/EAUC-Scotland organised peer-to-peer review which included a half day knowledge-share workshop with fellow institutions through the Smaller Institutions Sustainability Meeting held on Thursday 2 November 2017.

6c External validation process

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

N/A

6d No Validation Process

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

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:	Fergal McCauley
Role in the body:	Head of Facilities Management
Date:	<input type="text"/> 

Recommended Reporting: Reporting on Wider Influence

Wider Impact and Influence on GHG Emissions

1 Historic Emissions

Table 1a

Sector	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Units	Comments
Total Emissions ▼												▼	

2a Targets

Please detail your wider influence targets

Table 2

Sector	Description	Type of Target (units)	Baseline value	Start year	Target Saving	Target / End Year	Saving in latest year measured	Latest Year Measured	Comments
▼		▼		▼		▼		▼	

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.

3 Policies and Actions to Reduce Emissions

Table 3:

Sector

Start year for policy/action implementation	Year that the policy/action will be fully implemented	Annual CO2 saving once fully implemented (tCO2)	Latest Year measured	Saving in latest year measured (tCO2)	Status
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Metric / indicators for monitoring progress

Delivery Role

During project/policy design and implementation, has ISM or an equivalent behaviour change tool been used?

Please give further details of this behaviour change activity

Value of Investment (£)

Ongoing Costs (£/year)

Primary Funding Source for Implementation of Policy/Action

Comments

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

4 Partnership Working, Communications and Capacity Building

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

Table 4

Key Action Type	Description	Action	Organisation's project role	Lead Organisation (if not reporting organisation)	Private Partners	Public Partners	3rd Sector Partners	Outputs	Comments
<input type="text" value="▼"/>		<input type="text" value="▼"/>	<input type="text" value="▼"/>						

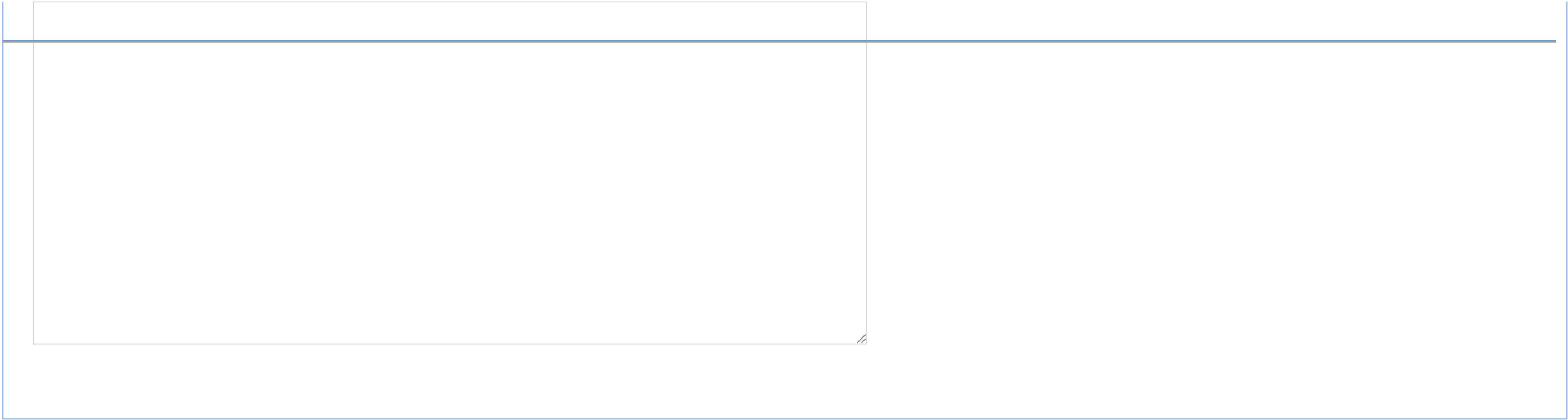
Other Notable Reportable Activity

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

Table 5

Key Action Type	Key Action Description	Organisation's Project Role	Impacts	Comments
<input type="text" value="▼"/>		<input type="text" value="▼"/>		

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



CITY OF GLASGOW COLLEGE

**Board
of
Management**

**Board
of
Management
Sub-
Committees:**

Audit
Committee

Finance &
Physical
Resources
Committee

Students,
Staff &
Equalities
Committee

Learning &
Teaching
Committee

Development
Committee

Performance,
Nominations &
Remuneration
Committee

Art
Foundation

ELT

SMT