

GLASGOW KELVIN COLLEGE

BOARD OF MANAGEMENT MEETING OF 13 DECEMBER 2021

PUBLIC SECTOR CLIMATE CHANGE DUTIES REPORT

REPORT BY DIRECTOR OF CORPORATE SERVICES

1. Introduction and Purpose

This report is to update members on the recently submitted Public Sector Climate Change Duties Report.

2. Public Sector Climate Change Duties Report

The Public Sector Climate Change Duties Report was submitted by the deadline of 30 November 2021. The full submission can be reviewed in **Appendix 1**.

3. Outcome

As reported to the Finance and Resources Committee on 30 November 2021, the annual regulatory return has been extended this year to include further environmental reporting.

Glasgow Kelvin College is committed to minimising the negative impact its activities have on the environment. In session 2015/16 the College prepared its first Climate Change Action Plan (CCAP) and reported on its environmental performance from session 2014/15 onwards as part of the Scottish Government Public Bodies Climate Change Duties Reporting. The College is fully compliant with the reporting requirements specified in the Climate Change (Scotland) Act 2009. It now has several years of carbon emissions data.

The College can report that annual carbon emissions have continued to reduce and, for academic year 2020/21, have reduced to 1,420 tonnes tCO₂e which is a further 3% reduction in comparison with previous years. However, this year, the Public Sector Climate Change Duties Report now includes two new emission categories i.e. grid electricity (transmission and distribution loss) and home working (due to the COVID-19 pandemic); the inclusion of these two additional and new emission categories results in a total of 1,591 tonnes tCO₂e which equates to a circa 10% increase. It is unclear if other public sector organisations will report these two new categories in their annual reduction figures or otherwise.

In relation to home working, individuals will be increasing their own carbon usage in terms of electricity/heating etc but the College has no way of quantifying what this total is. Furthermore, there is no calculation applied for offsetting this extra use against the reduction in carbon emissions from not having to travel to work.

As reported within the Public Sector Climate Change Duties Report, the five main targets for Glasgow Kelvin College during this Academic Year are:

1. Increase the Active Travel modal share of the College. Driving this forward will involve the promotion and use of eBikes purchased;
2. Appoint an Environmental Sustainability Manager with specific responsibility to embed sustainability into Learning and Teaching at the College;
3. Develop a Carbon Management Plan and a Climate Change Adaptation Strategy to further improve carbon footprint reporting, identification of climate change risks, and subsequent mitigation strategies. In parallel, the Climate Change Action Plan and Estates/Sustainability Strategy will be refreshed;
4. Increase the profile of the College's Estates and Sustainability Working Group with further development of the Sustainability section of the College website;
5. Further development of garden space and use of the East End Community Garden for student/staff/community/wildlife/insect enjoyment. A video of the project can be viewed on the College Sustainability section of the website i.e.:

<https://www.glasgowkelvin.ac.uk/sustainability-estates/>

At the time of writing this paper, work in relation to the above five items is well underway.

Further analysis of the data in the 2020/21 Public Sector Climate Change Duties Report shows that:

- Current levels of carbon emissions at the College (measured in tCO₂e or tonnes of carbon emissions) have fallen by 57% since the baseline year of 2014/15 i.e., from 3,257 tCO₂e to a current level of 1,591 tCo₂e;
- Grid electricity usage has fallen by 13.5% since 2019/20;
- Circa 70 tCO₂e have been saved following the curtailment of staff travel during the current health crisis;
- the new 2020/21 Scope 3 emissions categories of 'Homeworking' and 'Electricity (transmission and distribution loss)' – which did not form part of previous reports, have added approximately 171 tonnes of carbon emissions to the total 2020/21 return;
- while water usage over the period shows an increase on the previous year, the associated carbon emissions total has fallen due to a revision of the emissions factor used to calculate the emissions figure for water;
- emissions associated with waste have fallen by 66% since 2019/20.

The College has published its Public Sector Climate Change Duties Report on its website as per previous years, ensuring that the College complies in full with the requirements of the Climate Change (Scotland) Act 2009 including the reporting requirements.

4. Resource Implications

There are substantial resource/time implications involved in terms of gathering, analysing and implementing data to make this regulatory return; these reporting requirements are ever-increasing.

5. Equalities

No adverse impacts on individuals with protected characteristics have been identified as a consequence of this report.

6. Risk and Assurance

Risk to the College is mitigated by ensuring that the Board receive assurance that the College is complying with environmental regulations.

7. Data Protection

No data protection issues are identified arising from this report.

8. Recommendation

Members of the Committee are asked to:

- i) note the content of this report and its appendix.

9. Further Information

Members can obtain further information on the contents of this report from Lisa Clark, Director of Corporate Services - lisaclark@glasgowkelvin.ac.uk or Roddy MacKenzie, Senior Administration officer on rmackenzie@glasgowkelvin.ac.uk

Lisa Clark/Roddy MacKenzie
December 2021

Public Sector Report on Compliance with Climate Change Duties 2021 Template



1. Introduction

This template is for public bodies required to produce annual climate change reports under the 'Climate Change (Duties of Public Bodies; Reporting Requirements) (Scotland) Order 2015'.

The template covers all six parts of the required reporting form, as well as the recommended reporting section on public bodies' wider influence.

All information and data must be entered using this master template available on the SSN website.

Reports must be submitted to ccreporting@ed.ac.uk by 30th November. Reports submitted after this date means the organisation will be non-compliant with Public Bodies Duties legislative reporting requirements.

2. Guidance

- 1. Please save-as this workbook with your organisations name somewhere in the title before completing
- 2. Please fill out question 1f
- 3. Sufficient rows should be available but if you need to add more please email the file to ccreporting@ed.ac.uk
- 4. Homeworking emissions - Please include an estimate of emissions associated with homeworking in the designated row provided in table 3b
In order for this to be calculated correctly users must complete Q1c relating to number of full time employees (FTEs)
- 5. For question 4d - please complete the optional text box instead of the original table which relates specifically to SCCAP1.
- 6. Local Authorities reporting in the recommended section 1a 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

	Drop down box selection for users to select from list of options
	Uneditable/fix entry cells
	Editable cells for users to report in freely

Public Sector Report on Compliance with Climate Change Duties 2021 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 Kelvin College
- 1b

Type of body

Select from the options below

Educational Institution
- 1c

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

479

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
Floor area	m2	31867.00	18715 Springburn Campus, 4771 Easterhouse Campus,
Number of full-time equivalent students	number FTS	5667.00	The College enrolled 13,195 FT & PT learners
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

£33,000,000
- 1f

Report type

Specify the report year type

Report type

Report year comments

Academic

2020-21

THIS MUST BE COMPLETED

- 1g

Context

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

Glasgow Kelvin College is an FE institution based in Glasgow. A significant part of the reduction in CO2 has been as a result of the planned closure and sale of the College's City Campus in August 2016, which has reduced greenhouse gas emissions. During academic year 2020/21, the College enrolled 13,195 full and part time learners, 57% of whom reside in the Glasgow area.The College seeks to manage its own impact on the environment and a number of its teaching and learning programmes incorporate climate change and environmental sustainability related topics, particularly in the Science, Construction and Engineering departments.The College publishes an Annual Report which describes the full range of activities and also the mission/vision of Glasgow Kelvin College in detail. The College also operates an Estates and Sustainability Working Group who meet at least 3 times over the course of the academic year to review all actions related to Estates and Environmental Sustainability. An Estates (and Sustainability) Strategy is also prepared by the College, which focuses on key actions to be taken that relate to reducing the environmental impact of the College buildings. Additionally, the College's Finance and Resources Board Committee receives regular reports in relation to both estates and sustainability and reviews the progress being made.

Public Sector Report on Compliance with Climate Change Duties 2021 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 College has a Procurement Strategy and relevant supporting policies and procedures. These now include significant sections which relate to sustainability and are available on the Procurement section of the web site:<http://www.glasgowkelvin.ac.uk/procurement/>

Procurement at the College is managed in partnership with APUC who use the Sustain Framework to asses and evaluate key suppliers. The College seeks to use APUC negotiated contracts and frameworks wherever possible.

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.

Energy efficient replacement boilers were procured for the Easterhouse, East End and West Campuses; energy efficient hand driers across the College to reduce hand towel consumption and waste; energy efficient LED lighting was installed at Springburn campus and will be extended across the College.

Furthermore, by replacing component parts, the lives of PCs were extended to reduce volume of procurement and waste whilst maintaining performance of devices for longer.

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.

APUC representatives are invited to attend scheduled Estates and Sustainability Working Group meetings.

Public Sector Report on Compliance with Climate Change Duties 2021 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.

Reporting is validated by the Estates and Sustainability Working Group members, including the Director of Corporate Services, Head of Estates and Sustainability and the College's Vice Principal - Operations.

6b Peer validation process

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

Peer validation process involved sharing of reporting at Environmental Association for Universities and Colleges (EAUC) led institutional meetings.

6c External validation process

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

A budget does not exist for this process.

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 this report has been compiled from supplier invoices, reports from suppliers and the College finance and expenses system. The College believes it has calculated figures correctly within a reasonable margin of error. It has engaged proactively with the Public Sector Climate Change reporting process but has no financial resources to undertake further validation activity.

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:	Lisa Clark
Role in the body:	Director of Corporate Services
Date:	30/11/2021

Wider impact and influence on GHG emissions

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.

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

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