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Required

Recommended Reporting: Reporting on Wider Influence

PART 1: PROFILE OF REPORTING BODY

1(a) Name of reporting body

Glasgow Kelvin College

1(b) Type of body

Educational Institutions

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

458

1(d) Metrics used by the body

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

Metric	Unit	Value	Comments
Floor area	m2	31867	18715 Springburn Campus, 4771 Easterhouse Campus, 6459 East End Campus, 1922 West End Campus
Number of full-time equivalent students	number FTES	13675	13,675 Full Time and Part Time learners enrolled during year

1(e) Overall budget of the body

Specify approximate £/annum for the report year.

Budget	Budget Comments
£31,709,000	

1(f) Report year

Specify the report year.

Report Year	Report Year Comments
Academic 2019/20	

1(g) 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 CO_2 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 2019/20, the College enrolled 13,675 full and part time learners, 87% 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 and produces a Context Statement 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 Sustainable Development Committee 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.

PART 2: GOVERNANCE, MANAGEMENT AND STRATEGY

2(a) 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.

The Board of Management are responsible for oversight of the strategic direction of the College and set the Strategic Plan - one of the strategic priorities is to "maintain the highest standards of corporate governance and sustainability." Corporate and Social Responsibility (CSR) is also an important priority for the Board and the College reports in detail on its activities which contribute to the CSR agenda and have a positive impact on the communities served by the College. The College prepared its first integrated Climate Change Action Plan and Estates Strategy in 2015 and has successfully implemented this. The targets set in that document which were to reduce carbon emissions by 25% over two years have been far exceeded. Additionally, the College has developed a Capital Investment Plan which specifically allocates resource to the Estates and Sustainability Working Group who are tasked with improving the overall environmental performance of the College. In respect of governance, responsibility for oversight of Capital Investment in Estates and ICT is delegated to the Finance and Resources Committee (FRC). The FRC review the Capital Investment Plan, ICT Digital Transformation Strategy and Estates/Sustainability Strategy prior to consideration by the Board of Management.The Board are committed to addressing Climate Change and sustainability more widely. This is demonstrated by the establishment of an Estates and Sustainability Working Group - the allocation of a capital budget which meets some of the needs of the Estates and Sustainability Working Group who are tasked with managing the overall environmental sustainability of the College; inclusion of commitment to sustainability/ethical procurement in the Procurement Strategy and commitment to the Sustainable Development Goals Accord.

2(b) 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 (JPEG, PNG, PDF, DOC)

The Principal has overall responsibility for the management of the College. The Vice Principal - Operations has overall responsibility for Climate Change and Climate Change Reporting. The Interim Assistant Principal Chairs the Estates and Sustainable Development Committee which meets 3 times per year and line manages the Head of Facilities and Environmental Sustainability (who has operational responsibility for the College Estate, Estate team and vehicle fleet). The College had previously appointed a Project and Sustainability Officer who was responsible for developing student and staff engagement with the issue of environmental sustainability through a range of activities e.g. environmental campaigns and events, managing projects aimed at improving active travel and sustainable practices, applying for grant funding and seeking to raise the profile of sustainability at the College through internal and external communications and applications for awards. The position is currently vacant due to other financial constraints and considerations. The VP, Interim Assistant Principal and Head of Facilities and Environmental Sustainability have strategic and operational responsibility for Environmental Sustainability. The VP also has responsibility for Procurement, ICT and Finance which helps ensure sustainability is embedded within other key corporate processes, procedures and strategies. The College is looking at further structural change which would allocate responsibility for embedding sustainability within the curriculum as a priority for 2020 and beyond. The College operates from a number of community venues where it provides learning and teaching but does not directly manage the property, the College does not report on the carbon emissions generated at these venues. The financial context facing the College and the FE sector remains extremely challenging during the current health crisis, reducing resources available for addressing climate change and investing in the College Estates and other climate change / sustainability projects. Despite this, Glasgow Kelvin College has responded to the Climate Change and environmental sustainability policy agenda in a proactive way within the envelope of resources available to it.

2(c) 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.

Objective	Doc Name	Doc Link

Working Sustainably & Transparently:-Manage College Resources to deliver financial security and long term sustainability-Utilise the College Estate effectively and efficiently	Strategic Plan	https://www.glasgowkelvin.ac.uk/wp-content/uploads/2018/07/Strategic-Plan-2018-21.pdf
The Risk Management Strategy outlines how the College manages and considers risk, how it identifies internal/external or environmental risks that it faces, evaluates these risks and mitigates them as appropriate.	Risk Management Strategy	https://www.glasgowkelvin.ac.uk/wp-content/uploads/2018/10/Plan-Risk-Management-Strategy.pdf

2(d) 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.

Climate Change Action Plan and Estates Strategy - https://www.glasgowkelvin.ac.uk/sustainability-estates/

2(e) 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.

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Topic area	Name of document	Link	Time period	Comments
Adaptation	Estates and Susainability Strategy	https://www.glasgowkelvin.ac.uk/su	2015/16- 2020/21	The Estates/Sustainability Strategy and
Business travel	Climate Change Action Plan	https://www.glasgowkelvin.ac.uk/su	2015/16- 2020/21	The International Strategy seeks to provide a
Staff Travel	Climate Change Action Plan	https://www.glasgowkelvin.ac.uk/su	2015/16- 2020/21	The College is continuing to develop its
Energy efficiency	Estates and Sustainability Strategy	https://www.glasgowkelvin.ac.uk/su	2015/16- 2020/21	The College has installed a Building Energy
Fleet transport	Estates and Sustainability Strategy and Capital Investment Plan	https://www.glasgowkelvin.ac.uk/su stainability-estates/	2015/16- 2020/21	The College is operating a fleet of four electric vehicles (two vans, a seven seater
Information and communication technology	ICT Digital Transformation Strategy	https://www.glasgowkelvin.ac.uk/pl ans-and-strategies/	2016/17- 2021/22	Investment in video conferencing facilities and renewal of hardware should contribute to
Renewable energy	Estates and Sustainability Strategy; and Climate Change Action Plan	https://www.glasgowkelvin.ac.uk/su stainability-estates/	2015/16- 2020/21	The College has existing assets, which includes a wind turbine and photo-voltaic
Sustainable/renewable heat	Estates and Sustainability Strategy; and Climate Change Action Plan	https://www.glasgowkelvin.ac.uk/su stainability-estates/	2015/16- 2020/21	The College has recently installed energy efficient boilers. More are being planned for
Waste management	Estates and Sustainability Strategy; and Climate Change Action PlanHealth and Safety Policy	https://www.glasgowkelvin.ac.uk/su stainability-estates/	2015/16- 2020/21	The College has carried forward its most recent waste management contract. Data provided has indicated the environmental
Water and sewerage	Climate Change Action Plan	https://www.glasgowkelvin.ac.uk/su stainability-estates/	2015/16- 2020/21	Work undertaken with Anglian Water (Wave) has helped to identify drainage issues,
Land Use	Estates and Sustainability Strategy; and Climate Change Action Plan	https://www.glasgowkelvin.ac.uk/su stainability-estates/	2015/16- 2020/21	The College has been successful in securing Scottish Landfill Community Funding to help
Other (state topic area covered in comments)				

2(f) What are the body's top 5 priorities for climate change governance, management and strategy for the year ahead?
Provide a brief summary of the body's areas and activities of focus for the year ahead.

The current financial situation of the College has meant that the Project and Sustainability Officer's post has not been replaced. The College has attempted to secure funding to replace/part replace this post; GCRB have agreed to a regional appointment, however, this appointment was on hold due to the COVID-19 pandemic. The College fully recognises the leadership role it can play in respect of the community it serves and the ability to showcase the work undertaken for the benefit of Glasgow as a whole. The initiatives that the College would wish to take forward are part of the strategic approach the College takes in addressing the UN Sustainable Development Goals and are as follows:

1. Increase the Active Travel modal share of the College through a part funded Active Travel Officer (Paths for All 50% funded). Driving this forward will involve the promotion and use of eBikes purchased using the secured Energy Saving Trust grant funding;
2. Conduct an audit of current Education for Sustainable Development in the College curriculum. Allocate specific responsibility (to the regional Enviornmental Manager) to assist in embedding sustainability in the teaching and learning 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. Both of these documents will be supported by the newly installed Building Environmental Management System. In parallel, the Climate Change Action Plan and Estates/Sustainability Strategy will be refreshed;
4. Increase the profile of the College's Estates and Sustainable Development Committee and continue to develop the Sustainability section of the College website;
5. Generation of reports from the Building Environmental Management System to target new projects/focus attention on any problem areas. The new system has been installed across three of the College's campuses and will enhance monitoring and reporting of energy and resource consumption, provide fault notification, control indoor environmental conditions and provide detailed building performance statistics;
6. Further development and use of the East End Community Garden for student/staff/community/wildlife/insect enjoyment.

2(g) 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.

The College has recently used the Climate Change Assessment Tool (CCAT) to self-assess its current strategy and planning in relation to Climate Change. The key findings in the resulting CCAT action plan included:- developing a Carbon Management Plan;- developing and implementing a Climate Change Adaptation Strategy; and enhancing engagement with staff across the College to promote positive behaviour change and to raise climate change awareness.

2(h) 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.

Glasgow Kelvin College is sector leading - carbon reduction has now reached 55% since the first report was produced in 2014/15. Glasgow Kelvin College also won a Green Gown Award in 2018 for sustainability and was highly commended for sustainability 2019 at the International Green Gown Award in New York. Furthermore, Glasgow Kelvin College won an Education Building Management award in 2018 for our cycle hub - Velocity. We have installed a community garden at our East End Campus - making good use of a piece of wasteland to the benefit of many stakeholders. Our environmental projects have a wide range impact.

PART 3: EMISSIONS, TARGETS AND PROJECTS

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.

Reference Year	Year	Scope1	Scope2	Scope3	Total	Units	Comments
Baseline carbon footprint	2014/15	1237	1913	107	3257	tCO2e	
Year 1 carbon footprint	2015/16	1132	1369	116	2617	tCO2e	
Year 2 carbon footprint	2016/17	754	1021	99	1874	tCO2e	
Year 3 carbon footprint	2017/18	826	837	132	1795	tCO2e	
Year 4 carbon footprint	2018/19	790	701	114	1605	tCO2e	
Year 5 carbon footprint	2019/20	804	549	109	1462	tCO2e	

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.

Total	Comments – reason for difference between Q3a & 3b.	Emission source	Scope	Consumption data	Units	Emission factor	Units	Emissions (tCO2e)	Comments
1462.2		Natural Gas	Scope 1	4373122	kWh	0.18387	kg CO2e/kWh	804.0	
		Grid Electricity (generation)	Scope 2	2358520	kWh	0.23314	kg CO2e/kWh	549.0	
		Average Car - Unknown Fuel	Scope 3	72613	km	0.17571	kg CO2e/km	12.8	
		Water - Supply	Scope 3	10906	m3	0.344	kg CO2e/m3	3.6	
		Water - Treatment	Scope 3	10431	m3	0.708	kg CO2e/m3	7.4	
		Taxi (black cab)	Scope 3	4106	km	0.31191	kg CO2e/km	1.3	
		Long-haul flights (Economy	Scope 3	136260	passenger km	0.14615	kg CO2e/passenger	20.0	
		Short-haul flights (Economy	Scope 3	107,818	passenger km	0.15298	kg CO2e/passenger	16.5	
		Domestic flight (average	Scope 3	12314	passenger km	0.2443	kg CO2e/passenger	30.1	
		Rail (National rail)	Scope 3	10183	passenger km	0.03694	kg CO2e/passenger	3.8	
		Van - Average (up to 3.5	Scope 3	47480	km	0.271	kg CO2e/km	12.9	
		Mixed recycling	Scope 3	26	tonnes	21.317	kg CO2e/tonne	0.6	
		Construction (Average)	Scope 3	28.3	tonnes	1.009	kg CO2e/tonne	0.3	
		Organic Food & Drink AD	Scope 3	2.68	tonnes	10.2039	kg CO2e/tonne	0.03	
		Refuse Commercial & Industrial	Scope 3	0	tonnes	99.7592	kg CO2e/tonne	0.0	Zero return. Handled by ENVA waste

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)	
N/A					

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 figure	Units of baseline	Target completion	Comments
Electricity	percentage		kWh reduction	Energy use in buildings	2	2018/19		kgCO2e	2019/20	General measures to reduce energy
Gas	percentage		kWh reduction	Energy use in buildings	2	2018/19		kgCO2e	2019/20	General measures to reduce energy

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

Total	Emissions Source	Total estimated annual carbon savings (tCO2e)	Comments
146.2	Electricity	152	General measures to reduce energy
	Natural gas	14	Increase on 2018-19
	Other heating fuels		N/A
	Waste	1.2	
	Water and sewerage	3.49	Impact of Building Management System
	Business Travel		No business class travel
	Fleet transport	3.5	Shift from diesel to electric vehicles. Electric
	Other (specify in comments)		

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	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.				
Total	**Emissions source**	**Total estimated annual emissions (tCO2e)**	**Increase or decrease in emissions**	**Comments**
0	Estate changes			
	Service provision			
	Staff numbers			
	Other (specify in			

3h Anticipated annual carbon savings from all projects implemented by the body in the year ahead			
Total	**Source**	**Saving**	**Comments**
0	Electricity		BMS 2%
	Natural gas		BMS 2%
	Other heating fuels		N/A
	Waste		The College has purchased a waste
	Water and sewerage		BMS 3%
	Business Travel		Curtailed due to global health crisis
	Fleet transport		5% reduction - electric vehicles
	Other (specify in comments)		

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.				
Total	**Emissions source**	**Total estimated annual emissions (tCO2e)**	**Increase or decrease in emissions**	**Comments**
0	Estate changes			
	Service provision			
	Staff numbers			
	Other (specify in			

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	Comments
1795	This represents a decrease of 55% since 2014/15.

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.
The College has taken a long-term strategic and multi-faceted approach which has enabled it to achieve the largest proportionate reduction in carbon emissions in the College and University sectors. It has also won a UK Green Gown Award in 2018 for sustainability and achieved a Highly Commended International Green Gown Award in 2019 for the same. An Education Building Management Award was won in 2018 for our Velocity Cycling Hub at our Springburn Campus.

PART 4: ADAPTATION

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

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

Improving existing greenspaces to further enhance the biodiversity of surrounding natural environment. This, along with increased uptake on active travel, provides engaging outdoor teaching and learning environments for everyone to enjoy which improves the health and wellbeing of students, staff and the local community.

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

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

The College has an Estates/Sustainability Strategy and a Climate Change Action Plan which it follows as closely as possible. Environmental Impact is included in the College Risk Register. The Capital Investment Plan has targeted resources on dealing with water ingress and drainage issues but does not specifically model or address the potential impact of severe increased rainfall and groundwater levels as a consequence of climate change.

4(c) 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.

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A pilot reusable cups initiative has being trialled at the College with the aim of tackling the single-use plastic waste problem.

Staff and Student Engagement Activities have been run during Climate Week and Recycle Week Scotland. This form of engagement continues to take place at the College in partnership with the Student Association, the Project and Sustainability Officer (left during AY 18/19) and the Campus Cycling Officer.

Development of Sustainability focussed area on the website to showcase projects. https://www.glasgowkelvin.ac.uk/sustainability-estates/

Audit of existing College curriculum to be carried out in order to identify Education for Sustainable Development opportunities.

The College secured funding from a number of key partners to develop its commitment to operating in an environmentally sustainable way. Grants received have enabled the lease of a number of electric vehicles i.e. a Nissan NV200 7 seater people carrier, a small BMW pool car, a Renault Masters ZE LWB and a Nissan Van.

The College has also purchased a waste compactor which will further reduce landfill. Waste has been reduced from 89% to around 20%.

Automatic Meter Reader units have been fitted to our water supplies at each campus and are assisting in cutting down water waste by identifying any issues with the supply at an early stage.

Recycling Double Bins have been installed which allows two separate single streams of recycling to be collected in one single waste receptacle.

Bike Shelter Tool stations have been installed at our East End and West End Campuses to provide a variety of tools attached to a single pole to be used for the repair and maintenance of

4(d) 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. If it is not responsible for delivering any policy or proposal under a particular objective enter "N/A" in the 'Delivery progress made' column for that objective. (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	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			

4(e) 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 Change Action Plan and Estates/Sustainability Strategy will be refreshed and will seek to take into account future climate change risk. The College does not currently have staffing or financial resources available to address this in more detail.

4(f) 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).

With the introduction of the new Building Energy Management System, the College's capacity to monitor and report on the impact of any adaptation strategies implemented will greatly increase.

4(g) 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.

Continue to maintain College estate and to address water ingress challenges;- Scheduled reporting on Carbon Emissions originating from College Estate; and creation of the following documents: - Active Travel Strategy;   - Climate Change Adaptation Strategy   - Carbon Management Plan; and   - Audit of College's existing delivery of Education for Sustainable Development.

4(h) Supporting information and best practice

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

Implementation and raising awareness of Sustainable Development Goals to students and staff through a number of continuing and recently started campaigns e.g. White Ribbon Scotland campaign, the College's Active Travel programme, and introduction of a pilot reusable cup scheme.The College previously received a Green Gown Award at the prestigious Environmental Association for Universities and Colleges ceremony, for its continued engagement with students on issues relating to the Sustainable Development Goals. This achievement is helping to raise the profile of the College's sustainability initiatives, and also resulted in the College being "commended" during the International Green Gown Awards Ceremony in New York. In addition, the College's Glasgow Kelvin Velocity Cycle Hub won an award at the Education Buildings Scotland Award ceremony in Edinburgh. This nomination recognises the work done to encourage uptake of cycling at the College, and its delivery in an innovative teaching and learning space.

PART 5: PROCUREMENT

5(a) 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.

5(b) 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.

Renewal of the Waste Management contract was the main procurement related project delivered in 2017/18. The new contracts requires the provider of waste services to report on waste and its destination - landfill, recycling etc. Energy efficient replacement boilers were also procured for the Easterhouse Campus and energy efficient hand driers at Springburn to reduce hand towel consumption and waste. Tender opportunities above £50k include a sustainability assessment as part of the tender evaluation criteria.

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.

5(c) 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 Development Committee meetings.

PART 6: VALIDATION AND DECLARATION

6(a) 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 Development Committee members, including the Interim Assistant Principal, Head of Estates and Sustainability Department and the College's Vice Principal - Operations.

6(b) 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.

6(c) 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.

6(d) 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	Role in the body	Date
Lisa Clark	Interim Assistant Principal	30.11.2020

RECOMMENDED – WIDER INFLUENCE

Q1 Historic Emissions (Local Authorities only)

Please indicate emission amounts and unit of measurement (e.g. tCO2e) 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).
(1) UK local and regional CO2 emissions: **subset dataset** (emissions within the scope of influence of local authorities):
(2) UK local and regional CO2 emissions: **full dataset:**

Select the default target dataset

Table 1a - Subset

Sector	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Units	Comments

Table 1b - Full

Sector	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Units	Comments

Sector	Description	Type of Target (units)	Baseline	Start year	Target	Target /	Saving in	Latest Year	Comments

Q2b) Does the Organisation have an overall mission statement, strategies, plans or policies outlining ambition to influence emissions beyond your corporate boundaries? If so, please detail this in the box below.

Q3) Policies and Actions to Reduce Emissions

Sector	Start year for policy / action imple - mentation	Year that the policy / action will be fully imple - mented	Annual CO2 saving once fully imple - mented (tCO2)	Latest Year measured	Saving in latest year measured (tCO2)	Status	Metric / indicators for monitoring progress	Delivery Role	During project / policy design and implementation, has ISM or an equivalent behaviour change tool been used?	Please give further details of this behaviour change activity	Value of Investment (£)	Ongoing Costs (£/ year)	Primary Funding Source for Implementation of Policy / Action	Comments

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

Q4) Partnership Working, Communication and Capacity Building.
Please detail your Climate Change Partnership, Communication or Capacity Building Initiatives below.

Key Action Type	Description	Action	Organisation's project role	Lead Organisation (if not reporting organisation)	Private Partners	Public Partners	3rd Sector Partners	Outputs	Comments
Partnership Working	Working in partnership with numerous organisations	Partnership working of climate change or sustainability	Lead			Thenue Housing AssociationWest of Scotland Housing Association	Glasgow City CouncilGlasgow LifeScottish CyclingFree Wheel NorthBike for Good	- Community Engagement events- Community Gardening group	
Communications	WebsiteEngagement events and campaigns	Awareness Raising	Lead					Online information source to raise awareness of events taking place at the College, and	
Capacity Building (ie. staff training and development initiatives)	eBike	Skills/Capacity Building	Lead					- Intercampus eBike travel	
Education	Education for Sustainable Development (ESD) audit	Skills/Capacity Building	Lead					- Feedback from Staff outlining existing ESD in the curriculum.	

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	Redevelopment of a disused greenspace at the	Lead	Establishment of a community garden for student/staff/community	
Other	Student led projects to implement sustainability related	Lead	Increased awareness/learning opportunities for students.	

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