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BORDERS COLLEGE REGIONAL BOARD

FINANCE AND GENERAL PURPOSE COMMITTEE

30 November 2023

Public Bodies Climate Change Duties Report 2023

1.0 PURPOSE OF PAPER

1.1 The purpose of the paper is to provide the committee with an update on the College's annual emissions report and progress toward emissions reduction targets.

2.0 EXECUTIVE SUMMARY

2.1 The College has completed its annual mandatory Public Bodies Climate Change Duties reporting for the 9th consecutive year. This report shows a small increase in baseline emissions compared to 2021/22, in line with a return to normal operations following the COVID pandemic. Baseline emissions remain below the Sustainability Strategy's target to halve 2014/15 emissions by 2025 and represent a decrease in emissions prior to the COVID pandemic.

2.2 There has been an increase in total emissions reported as the College has included student commuting emissions and supply chain emissions from bus hire for the College's schools partnership for the first time. These emissions are outside of the Sustainability Strategy's baseline for targets and should be viewed separately.

3.0 RECOMMENDATION(S)

3.1 It is recommended that the Committee note the progress made to reduce College emissions against pre-pandemic levels and in the context of the Sustainability Strategy's target.

4.0 BACKGROUND

4.1 Since 2014/15 all public bodies in Scotland are required to report their greenhouse gas emissions for the previous year, through Public Bodies Climate Change Duties (PBCCD) reporting.

4.2 The scope of emissions reporting has increased over time. Notably homeworking emissions were added in 2020/21 and the College also included supply chain and staff commuting emissions in 2021/22 for the first time. These have led to increases in the total emissions reported, however, this

reflects growing expectations from government and improved reporting quality and not real-world emission increases.

4.3 Borders College's Sustainability Strategy includes a target to reduce emissions to 50% of a 2014/15 baseline by 2025. For the purposes of PBCCD, this baseline includes emissions from heating, electricity, water, refrigerant leaks, waste and business travel. In 2014/15 this totalled 806 tCO2e.

4.4 All colleges in Scotland have a joint target to reach net zero emissions by 2040 or earlier, through Scottish College's Statement of Commitment on the Climate Emergency.

5.0 Public Bodies Climate Change Duties Report 2022/23

5.1 Borders College's Director of Estates & Facilities and Sustainability Project Manager have completed the College's PBCCD report for 2022/23, which is due for submission by 30th November 2023.

5.2 The report demonstrates a small increase in emissions from baseline categories, totalling 382.87 tCO2e, particularly from increased gas, oil and electricity consumption. These increases are due to 2022/23 being the first full year of normal operations following the COVID pandemic, although baseline emissions remain below pre-pandemic levels.

5.3 The report includes a significant increase in overall emissions (to 5980.6 tCO2e) which is due to the inclusion of student commuting emissions and increasing supply chain emissions due to the inclusion of bus hire for the College's schools partnership for the first time.

5.4 The table below summarises total emissions and emissions from baseline categories since the last year of normal operations prior to the COVID pandemic (2018/19). The Grand Total figures are inclusive of the additional reporting elements for commuting and supply chain emissions. The Baseline Total only includes figures included in the 2014/15 baseline to allow monitoring against the baseline:

	2018/19	2019/20	2020/21	2021/22	2022/23	
Grand Total	535.60	415.31	353.54	2272.61	5977.19	tCO2e
Baseline Total	535.60	415.31	298.19	360.17	382.87	tCO2e
% Baseline	**66%**	**52%**	**37%**	**45%**	**48%**	

5.5 As demonstrated above, baseline emissions have remained below the College Sustainability Strategy's 2025 target to reduce emissions by 50%.

5.6 In addition to the return to normal operations, there has been a small increase in refrigerant emissions during 2022/23. This was due to upgrades to air

conditioning systems which required significant refrigerant refills. As such this is not expected to be a long-term trend.

5.7 During 2022/23 the College completed several initiatives which will have reduced emissions somewhat during the year but whose full impact will be better determined during their first full year of operations (2023/24):

5.7.1 The College's remaining internal combustion engine pool cars were replaced with fully electric cars in July 2023.

5.7.2 The College appointed a new waste contract who is providing more detailed waste data and who has eliminated waste send to landfill.

5.7.3 The College received funding from the Scottish Green Public Sector Energy Decarbonisation Scheme (GPSEDS) to upgrade the Building Management System at Hawick. This allows for better control over energy consumption on campus and has reduced the need for staff travel to campus for manual interventions.

5.7.4 The College successfully applied for their first Campus Cycling Officer, funded by Cycling Scotland, who started in the role in August 2023. They will promote cycling among students and staff and will work towards securing Cycling Friendly Campus Awards for the campuses.

5.8 The below graph tracks baseline emissions since the last year of normal operations prior to the COVID pandemic:

5.9 In addition to emissions data, the PBCCD report records College action on governance, procurement and climate adaptation in the context of climate change. The

2022/23 report, in particular, included a significant update to the adaptation section of the report, detailing the completion of the College's first Climate Change Risk Assessment.

6.0 IMPLICATIONS AND CONSIDERATIONS

6.1 Financial Implications

6.1.1 Significant funding will be required to deliver projects to continue to reduce emissions from College operations to achieve net zero targets. This will include the removal of fossil fuel heating systems and replacement of the remaining internal combustion engine powered vehicles (e.g. minibuses).

6.1.2 To this end in 2022/23 the College undertook a detail hydraulic modelling study to design a system of heat pumps to replace gas-fired heating at Galashiels, using pre-capital GPSEDS funding and has applied for further funding to identify solutions for Hawick and Newtown campuses – in advance of future capital funding applications.

6.2 Learner Implications

No direct implications.

6.3 Staff Implications

No direct implications.

6.4 Equality and Diversity Implications/Equality Impact Assessment

No direct implications.

6.5 Sustainability/Environmental Implications

6.5.1 Baseline emissions from 2022/23 remain below the College Sustainability Strategy's 2025 target, suggesting this may be achievable unless there are significant alterations to College operations.

6.5.2 Further action will be required to further reduce emissions to achieve net zero by 2040 and this will need to be considered when producing a new Sustainability Strategy for post – 2025.

6.5.3 Longer term actions will include the removal of fossil fuel heating from all campuses and the replacement of remaining internal combustion engine vehicles.

6.5.4 Efforts to improve the quality and accuracy of reporting data will continue to develop. This could include data from the new waste contractor and improvements to the spend-based methodology used to estimate supply chain emissions.

7.0 RISK COMMENTARY

7.1 No direct risks from the contents of the report, this report provides data and I information to allow us to manage the risk not meeting the strategic targets agreed by the College.

8.0 CONCLUSION

8.1 Borders College's 2022/23 PBCCD report has shown a small increase in baseline emissions compared to 2021/22. This follows a return to normal operations following the COVID pandemic and remains below both the Sustainability Strategy's 2025 target and reflects a reduction in emissions levels prior to the COVID pandemic.

8.2 There has been an increase in total emissions reported as the College has included student commuting emissions for the first time and there have been additions to supply chain reporting.

8.3 A number of initiatives to reduce emissions have been delivered in the reporting year and their impact will be more clearly determined in 2023/24, as their first full year of operations.

8. 4 Further action will be required to meet the College's net zero obligations and funding for such actions is being sought where available.

Author

Rory Hill - Sustainability Project Manager

02/11/2023

Previous Committee Approvals:

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Public Bodies Climate Change Duties Compliance Reporting Template 2022/23

1. Overview

This template is provided for public bodies required to report annually in accordance with the Climate Change (Duties of Public Bodies Reporting Requirements) (Scotland) Order 2015, as amended by the Climate Change (Duties of Public Bodies: Reporting Requirements) (Scotland) Amendment Order 2020 which took effect for reporting periods commencing on or after 1 April 2021.
Reports must be submitted to **ccreporting@ed.ac.uk by 30th November**. Late submissions will not be accepted for analysis and may be deemed non-compliant with Public Bodies Duties reporting requirements.

2. Guidance

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

2. Question 1f must be completed to ensure the correct emission factors are applied in Q3b.

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

4. More emission factors from the UK Government (DESNZ) release have been included this year. When completing Q3b you can filter by the Emission Type dropdown in column C.

5. Please only use the "Other" emission source rows (130 onwards) when there is no relevant emission source in the dropdown lists or if you have bespoke data/emission factors. Please provide a brief explanation in the comment field.

6. The water supply and sewage emission factors are based on Scottish Water's carbon intensities of service supply, one of the lowest in the UK water industry. If you still wish to use the UK DESNZ (formerly BEIS) factors (which are more than double) you will need to enter consumption data in an "Other" row.

7. Some auto-checks have been added to improve the quality of data entries, e.g. correct emission scopes where only one category ever applies.

8. More detailed reporting guidance is available on the SSN website.

3. Colour Coding used in the template

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

Public Sector Report on Compliance with Climate Change Duties 2023 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.

Borders 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

206.18 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	12007.00	9069 Gala Occupied and Shared, 1064 Hawick, 959 Newtown, Tweedbank unit 915
Number of full-time equivalent students	number FTS	1672.00	
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
£15,358,000	2022/23 academic year

1f Report type

Specify the report year type

Report type	Report year comments
Academic	2022/23 academic year

THIS MUST BE COMPLETED

1g Context

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

Borders College has been designated as the regional college for the Scottish Borders. The College's main market is Further Education (FE) and, with around 1,200 full-time students enrolling annually and another 4,000 part-time enrolments, the College directly interacts with a large portion of the Scottish Borders population each year. With operations across the Scottish Borders the College has a significant impact on businesses covering a wide geographical spread. We are ourselves employers, with over 300 employees (217 full-time equivalents), and it is therefore important to the Borders economy that we maintain our presence and continue to work with other employers to deliver education which supports growth. A strong, vibrant College is a key element in the future economic development of the Scottish Borders. Since April 2009, the College's principle site has been Scottish Borders Campus at Netherdale in Galashiels. The other main sites are at Hawick, Newtown St. Boswells and Tweedbank. Geographically, the vast majority of our students are drawn from the Scottish Borders. The main competition for further education students is from Edinburgh-based colleges with small numbers of such students leaving the area to enrol on specialist courses. The Galashiels campus is co-located with Heriot Watt University with significant areas under shared occupancy. For the purposes of reporting BC and HWU will report on institutional activities separately and common utilities and waste based split using occupied space ratio.

Public Sector Report on Compliance with Climate Change Duties 2023 Template

PART Governance, Management and Strategy

Governance and management

2a How is climate change governed in the body?

Provide a summary of the roles performed by the body's governance bodies and members in relation to climate change. If any of the body's activities in relation to climate change sit outside its own governance arrangements (in relation to, for example, land use, adaptation, transport, business travel, waste, information and communication technology, procurement or behaviour change), identify these activities and the governance arrangements. Provide a diagram / chart to outline the governance structure within the body.

The College has made a commitment to managing climate change by signing up to the Universities and College Climate Commitment for Scotland. The College has developed and implemented 2 Carbon Management Plans covering periods 2010-2014 & 2015-2020 and reduced CO2 emmissions by over 50% over the same period.

The College has a current Sustainability Strategy covering 2020-2025, the launch of which included a restructuring of the governace arrangements expanding responsibilties and ensuring greater planning and resourcing of activities to reduce CO2 emmisions and mitigate climate change.

Actions are monitored through the expanded Sustainability Committee, which is chaired by a member of the Executive Team and includes representation from students and staff from both curriculum and support functions.

The Sustainability Committee is supported by 7 working groups dedicated to specific fields: Carbon Management, Waste Management, Procurement, Biodiversity, Curriculum, Behavioural Change, Travel & Transport.

<Insert Diagram Here or Attach File>

2b How is climate change action managed and embedded in the body?

Provide a summary of how decision-making in relation to climate change action by the body is managed and how responsibility is allocated to the body's senior staff, departmental heads etc. If any such decision-making sits outside the body's own governance arrangements (in relation to, for example, land use, adaptation, transport, business travel, waste, information and communication technology, procurement or behaviour change), identify how this is managed and how responsibility is allocated outside the body. Provide a diagram to show how responsibility is allocated to the body's senior staff, departmental heads etc.

The Executive with responsibility for sustainability is the Vice Principal - Finance and Corporate Services. Key areas and plans for Carbon mangement, Waste, Transport & Travel, Curriculum, Biodiveristy, Behavioural change and Procurement have also been developed to include working groups led by senior leaders within the organsisations reporting to Board via Sustainability Committee and FG&P. The programme of work is supported by our Programme Management team who ensure project plans are developed and implemented timeously and within budget.

In January 2022 we appointed an experienced Sustainability Project Manager, through the Central & South Scotland College Partnership (including EAUC, Forth Valley College and West

<Insert Diagram Here or Attach File>

Strategy

2c Does the body have specific climate change mitigation and adaptation objectives in its corporate plan or similar document?

Provide a brief summary of objectives if they exist.

Wording of objective	Name of document	Document Link
Borders College will embed sustainable development into every course by 2025.	Borders College Sustainability Strategy 2020-2025	https://www.borderscollege.ac.uk/sustainability
Borders College will develop a range of new programmes of study in response to the green economy.	Borders College Sustainability Strategy 2020-2025	https://www.borderscollege.ac.uk/sustainability
Borders College will ensure we procure a minimum of 60% of products and services via sustainable national frameworks by	Borders College Sustainability Strategy 2020-2025	https://www.borderscollege.ac.uk/sustainability
Borders College will increase recycling rates to 80% by 2025 by applying the Reduce, Re-use, Recycle waste hierarchy.	Borders College Sustainability Strategy 2020-2025	https://www.borderscollege.ac.uk/sustainability
Borders College will increase the number of student journeys made by public transport, walking, cycling or other sustainable means of transport by 2025.	Borders College Sustainability Strategy 2020-2025	https://www.borderscollege.ac.uk/sustainability
Borders College will cut Carbon Emissions by 50% by 2025, based on our 2015 baseline.	Borders College Sustainability Strategy 2020-2025	https://www.borderscollege.ac.uk/sustainability
Borders College will complete a biodiversity assessment and actions will be progressed by 2025.	Borders College Sustainability Strategy 2020-2025	https://www.borderscollege.ac.uk/sustainability

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.

Borders College Sustainability Strategy 2020-2025

https://www.borderscollege.ac.uk/sustainability

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	Strategic Climate Chang	Not yet publicly available		Reviewed annually
Business travel	staff handbook	Guides and Handbooks | Borders College		
Staff Travel	staff handbook	Guides and Handbooks | Borders College		
Energy efficiency	Sustainabilty Policy	Sustainability-Policy-2015 (2).pdf		
Fleet transport	Sustainabilty Policy	Guides and Handbooks | Borders College		
ICT	Sustainabilty Policy	Sustainability-Policy-2015 (2).pdf		
Renewable energy				
Sustainable/renewable heat	Sustainabilty Policy	Sustainability-Policy-2015 (2).pdf		
Waste management	Sustainabilty Policy	Sustainability-Policy-2015 (2).pdf		
Water and sewerage				
Land Use				
Other (please specify in comments)				
Please select from drop down box				
Please select from drop down box				

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

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

1) Host the College's first Campus Cycling Officer, funded by Cycling Scotland and work towards securing Cycling Friendly Campus Awards for the College campuses.

2) Continue to apply for capital funding through the Green Public Sector Estates Decarbonisation Scheme (GPSEDS) to implement energy efficiency and renewable measures on the College campuses, as already identified by the Non-Domestic Energy Efficiency Project Support Unit.

3) Seek opportunities to replace remaining internal combustion engine fleet vehicles (including minibuses) with electric replacements.

4) Analyse the better-quality waste data which is expected from the College's new waste contractor, after the first full academic year of their services.

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.

ZWS Carbon Management, carbon footprint forecast & projects tool for small orgs.

The College has also used the Climate Action Roadmap for UK FE Colleges (https://www.eauc.org.uk/fe_roadmap) to benchmark progress toward net zero and to identify further actions. These actions form part of a draft action plan."

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.

Borders College recognises the global climate emergency and is committed to playing its part in Scotland's national endeavour to end our contribution to climate change within a generation. To ensure Borders College contributes to public sector leadership in this effort, we have adopted the following minimum targets and dates:

- Achieve net zero emissions across our direct Scope 1 emissions, indirect Scope 2 and Scope 3 emissions (including energy, water, waste, business travel, staff commuting and homeworking, purchased goods and services) by 2040 or earlier.
- Follow our Sustainability Strategy to cut emissions by 50% by 2025, based on our 2015 baseline.
- Decarbonise the heating in our buildings, in line with the phased targets for publicly-owned buildings by 2030 at the latest.
- Continue to decarbonise our road fleet, by adding no new petrol or diesel light commercial vehicles from 2023 and adding no new petrol or diesel heavy vehicles from 2030.
- Have over 50% of all staff & student journeys made by public transport, walking, cycling or other sustainable means of transport by 2025.
- Send zero waste to landfill by 2030.
- Ensure that our investment decisions, including procurement, are aligned with Scotland's net zero targets and support the move to a circular economy.
- Maximise opportunities to enhance and restore biodiversity on our estate .
- Ensure adaptation to the impacts of climate change alongside our efforts to reduce our emissions as far as we can, as fast as we can.

PART 3 Corporate Emissions, Targets and Project Data

Emissions

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

Complete the following table using the greenhouse gas emissions total for the body calculated on the same basis as for its annual carbon footprint / management reporting or, where applicable, its sustainability reporting. Include greenhouse gas emissions from the body's estate and operations

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

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

ENSURE QUESTION 1f IS COMPLETED BEFORE STARTING THIS SECTION, THEN SELECT APPROPRIATE BASELINE YEAR. TOTAL EMISSIONS IN THE MOST RECENT FOOTPRINT YEAR IN THIS QUESTION SHOULD EQUAL TOTAL EMISSIONS IN Q3B

Reference year	Year	Year type	Scope 1	Scope 2	Scope 3	Total	Units	Comments
Baseline Year	2014/15	Academic	278	435	93	806.00	tCO_2e	Baseline calculated using ZWS CarbonManagement footprint tool 2015 and adopted as in2015-2020 carbon management plan. Error in scope 1 and 3 figures with regards to fleet travel, municipal waste and water treatment now corrected"
Year 1 carbon footprint	2015/16	Academic	297	336	107	740.00	tCO_2e	Error in scope 1 and 3 figures with regards to fleet travel, municipal waste and water treatment now corrected
Year 2 carbon footprint	2016/17	Academic	249	277	90	616.00	tCO_2e	This year includes food waste collection for the first time.
Year 3 carbon footprint	2017/18	Academic	244	239	73	556.00	tCO_2e	This year includes food waste collection for the first time.
Year 4 carbon footprint	2018/19	Academic	269	196	70	535.00	tCO_2e	Due to other operational priorities the College have not been able to implement any CO2 reduction projects within the report year, changes to our co2 output have been as a result of seasonal changes or minor operational changes across the estate
Year 5 carbon footprint	2019/20	Academic	232	130	54	416.00	tCO_2e	Due to significant operational disruptions as a result of COVID the College have had delays in progressing our new Sustainabilty Strategy and as a result delayed implementation of identified projects. Co2 reduction was not as significant as anticipated due to larger operational of Gas heating due to contractual issues with our renewable heating system, which has now been resolved.
Year 6 carbon footprint	2020/21	Academic	161	112	81	354.00	tCO_2e	The further reduction in co2 emissions has been affected by the ongoing lower occupancy levels within Colleges due to ongoing COVID restrictions resulting in less demand on utilities and services. This year has been off set slightly by the inclusion of Home working calculation.
Year 7 carbon footprint	2021/22	Academic	202	115	1956	2,273.00	tCO_2e	This year includes several sources of emissions which we are reporting for the first time, including staff commuting and supply chain emissions. Widening our reporting boundary in this way has significantly increased total emissions. There has, however, been only a modest increase from the emissions sources which were reported last year (totalling 373.9 tCO2e once new emission sources have been discounted) - a decrease from pre-COVID emissions.
Year 8 carbon footprint	2022/23	Academic	219	129	5633	5,980.60	tCO_2e	There has been a small increase in emissions from baseline categories, totalling 382.87 tCO2e, particularly from increased gas, oil and electricity consumption. These are due to 2022/23 being the first full year of normal operations following the COVID pandemic, although baseline emissions remain below pre-pandemic levels. The significant increase in total emissions is due to reporting student commuting for the first time and increasing supply chain emissions due to the inclusion of bus/coach hire for the College's schools partnership for the first time.
Year 9 carbon footprint	0	Academic				-	tCO_2e	
Year 10 carbon footprint	0	Academic				-	tCO_2e	
Year 11 carbon footprint	0	Academic				-	tCO_2e	
Year 12 carbon footprint	0	Academic				-	tCO_2e	
Year 13 carbon footprint	0	Academic				-	tCO_2e	
Year 14 carbon footprint	0	Academic				-	tCO_2e	
Year 15 carbon footprint	0	Academic				-	tCO_2e	
Year 16 carbon footprint	0	Academic				-	tCO_2e	
Year 17 carbon footprint	0	Academic				-	tCO_2e	

3b Breakdown of emissions sources

Complete the following table with the breakdown of emission sources from the body's most recent carbon footprint (greenhouse gas inventory): this should correspond to the last entry in the table in 3(a) above. Use the 'Comments' column to

(a) Emissions factors are published annually by the UK Department for Business, Energy &

Emission Factor Year 2023 The emission factor year is auto-assigned based on your answer to Q1f, if it is incorrect please contact SSN.

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

User defined emission sources can be entered in rows 130 onwards. Please only use these if you cannot find a relevant emission source in the dropdown list or you have a bespoke emission factor or non-standard derivation of emissions e.g. based on a survey/consumption data. If you require extra rows in the table please send the template to ccreporting@ed.ac.uk.

Medical gas emission sources can be found under the "Process" Emission Type. The UK emission factor for **homeworking** has now been provided in the dropdown list.

Land Use & Land Use Change emissions can be included where data/estimates

Emission Type	Emission source	Scope	Consumption d	Units	Emission factor	Units	Emissions (tC	Comments
Fuels	Natural gas	Scope 1	875,059	kWh	0.18293	kg CO2e/kWh	160.07360	
Electricity	Electricity: UK	Scope 2	625,018	kWh	0.20707	kg CO2e/kWh	129.42516	119,128kwh consumed by SHARC
Electricity	Transmission and distrib	Scope 3	625,018	kWh	0.01792	kg CO2e/kWh	11.19727	119,128kwh consumed by SHARC
Fuels	Gas oil	Scope 1	10,726	litres	2.75541	kg CO2e/litres	29.55452	
Water	Water supply	Scope 3	4152	cubic metres	0.10000	kg CO2e/cubic	0.41520	
Water	Water treatment	Scope 3	3944.4	cubic metres	0.19000	kg CO2e/cubic	0.74944	
Waste	Commercial and industr	Scope 3	11.2	tonnes	520.33474	kg CO2e/tonne	5.82775	
Waste	Paper and board: board	Scope 3	5.79	tonnes	21.28081	kg CO2e/tonne	0.12322	Mixed recycling
Waste	Organic: food and drink	Scope 3	0.45	tonnes	8.91242	kg CO2e/tonne	0.00401	
Waste	Wood - Recycled	Scope 3	16	tonnes	21.28081	kg CO2e/tonne	0.33411	
Waste	Metals - Recycled	Scope 3	5	tonnes	0.98491	kg CO2e/tonne	0.00492	
Waste	Average construction -	Scope 3	14	tonnes	0.98491	kg CO2e/tonne	0.01330	
Refrigerants	R404A	Scope 1	0.42	kg	3943.00000	kg CO2e/kg	1.65606	
Refrigerants	R407C	Scope 1	1	kg	1624.00000	kg CO2e/kg	2.19240	
Refrigerants	HFC-134a	Scope 1	1.06	kg	1300.00000	kg CO2e/kg	1.37800	
Transport - car	Small car - Petrol	Scope 1	26,777	miles	0.22660	kg CO2e/miles	6.06759	Fleet cars (now replaced with EVs)
Transport - van/HGV	Vans - Class III (1.74 to 3	Scope 1	43,461	miles	0.40792	kg CO2e/miles	17.72857	Includes minibuses and Mitsubishi Shogun for t
Transport - public	National rail	Scope 3	3,447	passenger.k	0.03546	kg CO2e/passe	0.12225	
Transport - public	Flights - Long-haul, to/f	Scope 3	-	passenger.k	0.26128	kg CO2e/passe	0.00000	No flights recorded this year
Transport - car	Average car - Unknown	Scope 3	59,606	miles	0.26817	kg CO2e/miles	15.98439	Personal vehicles
Transport - public	Ferry - Average (all pass	Scope 3	24	passenger.k	0.11270	kg CO2e/passe	0.00272	
Transport - public	Regular taxi	Scope 3	53	km	0.20806	kg CO2e/km	0.01105	
Transport - car	Average fleet car - Batte	Combined scopes (for	11202	miles	0.00000	kg CO2e/miles	0.00000	
Other	Other (please specify in	Scope 3					17.765823	Supply chain - Catering Supplies & Services
Other	Other (please specify in	Scope 3					29.044261	Supply chain - Estates & Buildings
Other	Other (please specify in	Scope 3					386.391296	Supply chain - Facilities Operations
Other	Other (please specify in	Scope 3					6.880369	Supply chain - Furniture, Furnishings & textiles
Other	Other (please specify in	Scope 3					35.3527525	Supply chain - Health & Safety & Security
Other	Other (please specify in	Scope 3					3.342661	Supply chain - Janitorial & Domestic Supplies & Services
Other	Other (please specify in	Scope 3					1654.6366	Supply chain - Travel & Transport (incl. Vehicle hire & Subsistence)
Other	Other (please specify in	Scope 3					7.761669	Supply chain - Utilities
Other	Other (please specify in	Scope 3					69.473223	Supply chain - Vehicles, Fleet Management (Purchase, Lease, Contract Hire)
Other	Other (please specify in	Scope 3					36.3914535	Supply chain - Workshop & Maintenance Supplies (including Engineering)

Please state in comments if this value is 0 because no emissions exist or if

Other	Other (please specify in	Scope 3					0.378	Supply chain - Agricultural/Fisheries/Forestry/Horticultural/Oceanographic Supplies & Services
Other	Other (please specify in	Scope 3					380.975044	Supply chain - Information Services
Other	Other (please specify in	Scope 3					51.003585	Supply chain - Laboratories
Other	Other (please specify in	Scope 3					21.714657	Supply chain - Non Influencable
Other	Other (please specify in	Scope 3					201.241887	Supply chain - Professional Service - General
Other	Other (please specify in	Scope 3					23.08446	Supply chain - Professional Service - HR
Other	Other (please specify in	Scope 3	20.00%	percentage	0.30000	tCO2e/FTE/ann	13.0	Staff Homeworking - based on travel survey using 2022 methodology
Other	Other (please specify in	Scope 3					228.209365	Staff commuting based on travel survey (assumed 60/40 breakdown between teaching and support staff)
Other	Other (please specify in	Scope 3					2431.1001	Student commuting based on travel survey
Other	Other (please specify in	Please select from drop down box					-	
Other	Other (please specify in	Please select from drop down box					-	
Other	Other (please specify in	Please select from drop down box					-	
Other	Other (please specify in	Please select from drop down box					-	
Other	Other (please specify in	Please select from drop down box					-	
Other	Other (please specify in	Please select from drop down box					-	
							5,980.602	

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 Electricty		Renewable Heat		
	Total consumed by the	Total exported (kWh)	Total	Total export	Comments
Solar PV	25,107				Solar PV in Galashiels
Water Source Heat Pump			405,883		SHARC waste water heat pump in Galashiels
Please select from drop down box					
Please select from drop down box					
Please select from drop down box					
Please select from drop down box					
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Targets

3d **Organisational targets**

List all of the body's targets of relevance to its climate change duties. Where applicable, targets for reducing indirect emissions of greenhouse gases, overall carbon targets and any separate land use, energy efficiency, waste, water, information and communication technology, transport, travel

Name of target	Type of target	Target	Units	Boundary/Scope of target	Year used as baseline	Baseline figure	Units of baseline	Target completion year	Progress against target	Comments
Borders College will cut Carbon Emissions by 50% by 2025, based on our 2015 baseline.	Percentage	50%	total % reductio	All emissions	2014/15	806	tCO2e	2024/25	48%	
Support Scotland's efforts to achieve net-zero climate emissions by 2045 or earlier if possible, with Scotland's colleges aiming to achieve net-zero by 2040 or earlier	Absolute	100%	total % reductio	All emissions	2014/15	806	tCO2e	2039/40	48%	Based on 2015 baseline
Decarbonise the heating in our buildings, in line with the phased targets for publicly-owned buildings by 2030 at the latest.	Absolute	100%	total % reductio	Other (pleas	2014/15	278	tCO2e	2029/30	68%	Based on 2015 baseline
	Please select from drop down box		Please select fro	Please select	Please select from drop down b		Please select	Please select from drop down box		
	Please select from drop down box		Please select fro	Please select	Please select from drop down b		Please select	Please select from drop down box		

3da **How will the body align its spending plans and use of resources to contribute to reducing emissio**

Provide any relevant supporting information that is not already included elsewhere in this report.

Borders College's emission reduction targets form part of the College's Strategic Ambition and key performance measures, through their inclusion in the College Sustainability Strategy.

We recognise that significant investment will be required to meet these targets, particularly to reduce the energy consumption of our buildings. To enable this, we are working to integrate our targets into business planning and reporting. As a publically funded institution our ability to meet these targets will depend on our ability to secure funding and we will continue to seek further funding from the Scottish Government, and other sources, to deliver emissions reduction projects.

We have successfully delivered a number of projects this way (e.g. the replacement of exterior lighting with LEDs) and we currently accessing support from the 'Scottish Green Public Sector

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

Provide any other relevant supporting information. In the event that the body wishes to refer to information already published, provide information about where the publication can be accessed. Simply referencing this report or it's availabilty on the SSN website is insufficient information.

At the same time as we complete our PBCCD submission each November we will publish updates on our website to demonstrate progress against our targets. We will also include progress updates internally (e.g. in our corporate annual reports).

Projects and changes

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

If no projects were implemented against an emissions source, enter "0".
If the body does not have any information for an emissions source, enter "Unknown".
If the body does not include the emissions source in its carbon footprint, enter "N/A".

Emissions source	Total estimated annual carbon savings (tCO_2e)	Comments
Electricity	-	-
Natural gas	-	
Other heating fuels	-	
Waste		New waste contractor offering improved data and removing waste to landfill - savings yet to be calculated.
Water and sewerage	-	
Travel	-	
Fleet transport	-	Replacement of remaining ICE pool cars with EVs in July 2023. Savings to be realised in 2023/24.
Other (please specify in comments)	-	
Please select from drop down box		
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Please select from drop down box		
Total	-	

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

Project name	Funding source	First full year of CO_2e savings	savings figures estimated or	Capital cost (£)	cost (£/annum)	lifetime (years)	fuel/emission source	Estimated carbon savings per year (tCO_2e/annum)	Estimated costs savings (£/annum)	Behaviour Change	Comments
		Please select from drc	Please select from drop down box				Please select from drop down box			Please select from dropdown box	
		Please select from drc	Please select from drop down box				Please select from drop down box			Please select from dropdown box	
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		Please select from drc	Please select from drop down box				Please select from drop down box			Please select from dropdown box	
		Please select from drc	Please select from drop down box				Please select from drop down box			Please select from dropdown box	

3g **Estimated decrease or increase in the body's emissions attributed to factors (not reported elsewh**

If the emissions increased or decreased due to any such factor in the report year, provide an estimate of the amount and direction

Emissions source	Total estimated annual emissions (tCO_2e)	Increase or decrease in emissions	Comments
Estate changes	5	Increase	Upgrades to airconditioning systems requiring significant refrigerant refills.
Service provision		Please select from drop down box	
Staff numbers		Please select from drop down box	
Other (please specify in comments)		Please select from drop down box	
Other (please specify in comments)		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
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Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
Total		**5**	

3h **Anticipated annual carbon savings from all projects implemented by the body in the year ahead**

If no projects are expected to be implemented against an emissions source, enter "0".
If the organisation does not have any information for an emissions source, enter "Unknown".
If the organisation does not include the emissions source in its carbon footprint, enter "N/A".

Emissions source	Total estimated annual carbon savings (tCO_2e)	Comments
Electricity		
Natural gas		
Other heating fuels		
Waste		First full year of operations with new waste contractor - savings unknown.
Water and sewerage		
Travel		
Fleet Transport	6	First full year of pool fleet consisting of only EVs
Other (please specify in comments)		
Please select from drop down box		
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Please select from drop down box		
Total	**6**	

3i **Estimated decrease or increase in emissions from other sources in the year ahead**

If the body's corporate emissions are likely to increase or decrease for any other reason in the year ahead, provide an estimate of the amount and direction

Emissions source	Total estimated annual emissions (tCO_2e)	Increase or decrease in emissions	Comments
Estate changes		Please select from drop down box	
Service provision		Please select from drop down box	
Staff numbers		Please select from drop down box	
Other (please specify in comments)		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
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Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
Total		-	

3j **Total carbon reduction project savings since the start of the year which the body used as a baseli**

If the body has data available, estimate the total emissions savings made from projects since the start of that year ("the baseline year")

Total savings	Total estimated emissions savings (tCO_2e)	Comments
Total project savings since baseline year		

Further information

3k **Supporting information and best practice**

Provide any other relevant supporting information and any examples of best practice by the body in relation to corporate emissions, targets and projects.

Borders College recognises the global climate emergency and is committed to playing its part in Scotland's national endeavour to end our contribution to climate change within a generation. To ensure Borders College contributes to public sector leadership in this effort, we have adopted the following minimum targets and dates:
• Achieve net zero emissions across our direct Scope 1 emissions, indirect Scope 2 and Scope 3 emissions (including energy, water, waste, business travel, staff commuting and homeworking, purchased goods and services) by 2040 or earlier.
• Follow our Sustainability Strategy to cut emissions by 50% by 2025, based on our 2015 baseline.
• Decarbonise the heating in our buildings, in line with the phased targets for publicly-owned buildings by 2030 at the latest.
• Continue to decarbonise our road fleet, by adding no new petrol or diesel light commercial vehicles from 2023 and adding no new petrol or diesel heavy vehicles from 2030.
• Have over 50% of all staff & student journeys made by public transport, walking, cycling or other sustainable means of transport by 2025.
• Send zero waste to landfill by 2030.
• Ensure that our investment decisions, including procurement, are aligned with Scotland's net zero targets and support the move to a circular economy.
• Maximise opportunities to enhance and restore biodiversity on our estate .
• Ensure adaptation to the impacts of climate change alongside our efforts to reduce our emissions as far as we can, as fast as we can.

Public Sector Report on Compliance with Climate Change Duties 2023 Template

PART 4

Adaptation - please do not include information in this part on measures that solely reduce emissions with no implications for climate adaptation. These are climate mitigation measures which should be reported in the Emissions tab.

Assessing and managing risk

4a **Has the body assessed current and future climate-related risks?**
If yes, provide a reference or link to any such risk assessment(s).

Borders College has completed a Strategic Climate Change Risk Assessment, examining the risks posed by current and future climate related risks using templates designed by Adaptation Scotland. This has been shared internally with the College's Sustainability Committee and will be monitored and updated, where necessary, by the Sustainability Project Manager and Director of Estates & Facilities.

In particular, extreme weather conditions are considered to be a risk to the College's business in terms of ensuring service to students is maintained. The College has plans and procedures in place to ensure staff and students are informed of any changes to operational status and to ensure that services are maintained and the College remains open in the event of extreme weather.

The health risks presented by climate change are considered in the College's Staffing Plan as part of Business Continuity.

Given the location of the Scottish Borders Campus site in Galashiels, current and future flood risk is considered to be a significant risk. Prior to the College's relocation to this campus in 2009 a flood action plan was implemented; however, since the Gala Water Flood Prevention scheme was implemented, this had been superseded.

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.

Borders College's Climate Change Risk Assessment has recorded and identified the potential risks presented by climate change to college operations and the actions required to build ther adaptive capacity of the college. These actions include those currently underway, those to be pursued in the short-term and those to be considered in the long-term - all of which are included in a dedicated action plan.

Elsewhere, climate-related risks (including flooding and adverse weather) are also incorporated into the College's Business Continuity Plan. The Business Continuity Plan and Risk Register are monitored by the Vice Principal - Finance & Corporate Services.

The Vice Principal - Finance & Corporate Services holds overall responsibility for sustainability, including climate adaptation, supported by the College's Director of Estates & Facilities and Sustainability Project Manager.

The College's Business Continuity Plans cover severe weather conditions, such as heavy snowfall. In past years, we have acknowledged that we are most at risk from heavy snow falls, but this is due to restrictions on the road network or public transport cancellations. The College Leadership Management Team and Board are responsible for deciding the College's response to extreme weather, of which the

Taking action

4c **What action has the body taken to adapt to climate change?**
Include details of work to increase awareness of the need to adapt to climate change and build the capacity of staff and stakeholders to assess risk and implement action. The body may wish to make reference to the Scottish Climate Change Adaptation Programme ("the Programme").

To increase capacity for mitigation, adapation and sustainability initiatives, and to deliver expert knowledge within these fields, Borders College has joined the Central & South Scotland College Partnership (CSSCP). CSSCP is a partnership between EAUC, West Lothian College, Forth Valley College and West Lothian College which has hired an experienced Sustainability Project Manager. Working with the partnership the Sustainability Project Manager is leading the development and delivery of new projects, plans and strategies to enable the Colleges to mitigate their emissions and to consider adaptation measures.

As a member of the Central & South Scotland College Partnership Borders College is a part of Adaptation Scotland's Benchmarking Working Group, represented by the Sustainability Project Manager employed by the partnership. Using guidance from Adaptation Scotland the Sustainability Project Manager and Borders College's Director of Estates & Facilities have produced a Strategic Climate Change Risk Assessment and associated action plan - to inform adaptation practice at the College.

To raise awareness of the need for climate change adaptation, the Sustainability Project Manager has presented to the College's Sustainabiltiy Committee to introduce the concept of climate adaptation and later to share and gain feedback on the College's Climate Change Risk Assessment.

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

In 2022/23 Borders College completed the tasks outlined in Adaptation Scotland's Starter Pack and used Adaptation Scotland's Benchmarking Tool for the first time.

Through this process Borders College anticipates that the College will contribute to the following key outcomes:

1.1: People in Scotland's diverse communities are informed, empowered and adapting to climate change
- As an educational institute we will use our influence to inform and prepare our students, staff and the wider community of the risks presented by climate change and how adaptation will affect these.
- We will continue to deliver our existing calendar of sustainability-related events and initiatives for students and staff, working with our partners in the wider community. This already includes consideration of the UN SDGs, which relate of adaptation and we will endeavour to further incorporate climate change adaptation into our events.

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).

Borders College's Climate Change Risk Assessment and the associated Action Plan are live documents which are subject to updates and amendments when and where required, should the need arise. These could include, for example, through the routine monitoring of SEPA announcements used to assess any current risk levels to College premises and activities.

Opportunities to identify any necessary amendments include the College's quarterly Sustainability Committee meetings (plus the preceding working meetings in support of the College's Sustainability Strategy) and the bi-annual reports submitted by the Sustainability Committee to the Finance and general Purposes Committee of the Regional Board.

In 2022/23 Borders College completed the use of Adaptation Scotland's Starter Pack and carried out its first use of Adaptation Scotland's Benchmarking Tool. This will be repeated annually to track progress and to identify further actions. This process will include a review of the College's Climate Change Risk Assessment and Action Plan.

Additionally, the College's Sustainability Strategy (2020-2025) will be due for review in the near-future and this will be subject to review, in order to produce an updated strategy for the subsequent 5 year period. This will aim to include further consideration of adaptation.

The College's Business Continuity Plan is reviewed regularly and is updated when required.

4f **What arrangements does the body have in place to monitor and evaluate the impact of the adaptation actions?**
Please provide details of monitoring and evaluation criteria and adaptation indicators used to assess the effectiveness of actions detailed under Question 4(c) and Question 4(d).

The College's Sustainability Project Manager and Director of Estates & Facilities have completed Adaptation Scotland's Starter Pack and carried out the first use of Adaptation Scotland's Benchmarking Tool in 2022/23. Benchmarking will be repeated annually to track progress and to identify further actions.

Progress will be reported through the College's quarterly Sustainability Committee meetings (plus the preceding working meetings in support of the College's Sustainability Strategy) and the bi-annual reports submitted by the Sustainability Committee to the Finance and general Purposes Committee of the Regional Board.

Additionally, Borders College is working with EAUC, through CSSCP, to produce detailed guidance on how to conduct a Climate Change Risk Assessment for the Further and Higher Education sector in Scotland, based on the success of their own Climate Change Risk Assessment. Any further opportunties or relevant feedback identified through this process will be taken into consideration for the College's own adaptation work.

Future priorities for adaptation

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

1. To carry out the relevant actions towards adaptation identified in the College's Action Plan (and to continue those activities which already take place e.g. pump maintenance).

2. To monitor, update and report on the College's Climate Change Risk Assessment and Action Plan.

3. To undertake an updated flood risk assessment for the Galashiels campus (accounting for the flood defences installed following the previous assessment in 2009).

4. To include further consideration of adaptation in the College's updated Sustinability Strategy.

5. To complete annual benchmarking to monitor progress towards adaptation.

Further information

4h **Supporting information and best practice**
Provide any other relevant supporting information and any examples of best practice by the body in relation to adaption.

Public Sector Report on Compliance with Climate Change Duties 2023 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 Procurement Policy sets out the Strategic Ambition to become national leaders in sustainable practice and to respond to the climate crisis through a series of innovative projects and organisational behavioural change. The objective is to embed social, ethical and environmentally sustainable procurement into our operational procedures.

To this end the College is striving to understand and quantify the current and historical impact of purchasing goods and services for the College. There is engagement with agencies such APUC and EAUC and the use of Scottish government tools, Scope 3 reporting tools plus supplier analysis platforms like EcoVadis.

The College launched an over-arching Sustainability Programme in 2021 with multiple work- streams and procurement was a specific area of focus. We are also aligned with the local Borders Sustainable Procurement Group which meets to discuss sustainability across different public sector organisations in the Borders.

The College also recognises that collaborative procurement through national frameworks can create a sustainability focus in marketplaces and deliver better, more measurable benefits.

We therefore encourage the uptake of framework suppliers wherever possible, and have committed to an ongoing increase in framework spend.

When independent tenders are issued by the College, we consider the environmental impact of the goods/services required and ask evaluation questions around sustainability, where relevant.

We are also analysing our supply base to identify the largest impact suppliers with the highest spend/highest risks across a broad range of environmental and social issues, and looking at current mitigations, possible interventions and understanding where the suppliers themselves are on their sustainability journey.

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 College considers the climate impact when purchasing goods and services by using collaborative frameworks, evaluation questions in tenders and supply base analysis to identify and reduce risks, and understand supplier initiated mitigations.

High risk commodities like gas, electricity and water are purchased through national frameworks.

The climate impact of purchasing certain commodities is considered when a procurement exercise planning is initiated. Specific damaging elements might be excluded from the specification with better alternatives requested.

Analysis of ordering practices leading to multiple deliveries is also an area of focus for the College.

Embodied carbon in bought goods/materials is also considered, and waste streams to recycle or re-use goods.

Further information

5c Supporting information and best practice

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

The inclusion of sustainability requirements in tenders and changes in specification details to reduce impact, such as requesting end of life recycling of hardware and reduction of product packaging. Requirements for more energy efficient electrical equipment to reduce energy use overall for MFDs, for example.

Defining more sustainable alternatives products and practices in specifications and managing these expectations in contract management meetings – for example, our outsourced catering provision which has a number of tender defined sustainability expectations.

Rationalising the number of products being purchased overall without damaging the service provision - the College has moved to VOIP telephony now delivered through our existing devices, so desktop phones are no longer required and have been recycled externally for future re-use.

Reducing need by covering a requirement via an existing service – VOIP services also leading to a rationalisation of the number of mobile phones required.

Tenders with the main emphasis placed on delivering sustainability - our waste tender prioritised zero to landfill at the same time as reducing the number of collection journeys.

Tenders that ask for the suppliers to explain their climate change credentials, this reinforces the agenda in the supply chain. We have asked suppliers where it is currently difficult to make improvements in the product itself for how they are making improvements in their organisation and operations.

The use of framework or supplier take-back schemes for recycling of re-useable items like furniture and IT devices.

Purchasing products from suppliers with an advanced sustainability agenda - such as IT hardware purchases through national framework suppliers like HP.

Use frameworks like NDEE (Non-Domestic Energy Efficiency Projects) to appoint appropriately qualified contractors on projects.

Public Sector Report on Compliance with Climate Change Duties 2023 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.

Data input completed by Sustainabiltiy Project Manager with oversight from Facilities Manager and verified by Vice Principal - Finance and Corporate Services. The contents are approved by the Sustainability Committee and Finance and General Purposes Committee of the Board.

6b Peer validation process

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

Borders College took part in an EAUC-Scotland organised peer review which included a knowledge-sharing workshop with fellow FE & HE institutions on 14th November.

6c External validation process

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

None

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:	
Role in the body:	
Date:	

Recommended Reporting: Reporting on Wider Influence

Wider Impact and Influence on GHG Emissions

Q1) Historic Emissions (Local Authorities Only)
Please indicate emission amounts and unit of measurement (e.g. tCO_2e) and years. Please provide information on the following components using data from the links provided below. Please use (1) as the default unless targets and actions relate to (2).

Please note : territorial emissions of carbon dioxide (CO2), methane (CH4) and nitrous oxide (N2O) are provided, but not fluorinated gases, which are also included in the UK territorial greenhouse gas emissions statistics. Prior to the 2005 to 2020 publication the statistics covered emissions of carbon dioxide only
(1) UK local and regional CO2e emissions: **subset dataset** (emissions within the scope of influence of local authorities):
(2) UK local and regional CO2e emissions: **full dataset**:

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

Local Authority:(Please select from drop down box	
DESNZ Dataset:(full or subset)	Please select from drop down box

Source	Sector	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Units	Comments
DESNZ Sectors	Total Emissions													ktCO2e	
	Industry and Commercial													ktCO2e	
	Domestic													ktCO2e	
	Transport total													ktCO2e	
	Per Capita													ktCO2e	
Other Sectors	Please select from drop down box													Please select from drop down box	
	Please select from drop down box													Please select from drop down box	
	Please select from drop down box													Please select from drop down box	
	Please select from drop down box													Please select from drop down box	
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	Please select from drop down box													Please select from drop down box	
	Please select from drop down box													Please select from drop down box	

2a) Targets
Please detail your wider influence targets

Sector	Description	Type of Target (units)	Baseline value	Start year	Target	Target/End year	Saving in latest year measured	Latest Year Measured	Comments
Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box	
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Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box		Please select from drop down box	

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

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

Sector	Start year for policy/action implementation	Year that the policy/action will be fully implemented	Annual CO_2 saving once fully implemented (tCO_2)	Latest Year measured	Saving in latest year measured (tCO_2)	Status	Metric/Indicators for monitoring progress	Delivery Role	During project/policy design and implementation, has ISM or an equivilent behaviour change tool been used?	Please give further details of this behaviour change activity.	Value of Investment (£)	Ongoing Costs (£/year)	Primary Funding Source for Implementation of Policy/Action	Comments
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Please provide any detail on data sources or limitations relating to the information provided in Table 3

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

Key Action Type	Description	Organisation's project role	Lead Organisation (if not reporting organisation)	Private Partners	Public Partners	3rd Sector Partners	Outputs	Comments
Partnership Working	EAUC Smaller Institutions for Sustainability	Participant	EAUC Scotland		Colleges and smaller universities in Scotland		Sharing information and experience with the sector, feedbacking on key issues and using information to update colleagues internally.	A member of EAUC Smaller Institutions we share best practice, knowledge and funding opportunities to enable us to undertake project and improvements
Partnership Working	EAUC Regional Working Group	Participant	EAUC Scotland		Colleges and universities primiarily from South & central Scotland		Collaboration to highlight issues and topics of interest within the sector, suggesting direction for EAUC's work.	
Partnership Working	Central & South Scotland College Partnership	Participant	EAUC Scotland		EAUC Scotland, Borders College, Forth Valley College and West lothian College		Sustainability Project Manager shared between the three participating colleges and hosted by EAUC, providing additional sustainability expertise and resource to support decarbonisation efforts and to share best practice between	CSSCP began as a pilot project in January 2022 with the appointment of the Sustainability Project Manager and is intended to investigate the viability of shared roles supporting smaller academic institutions, with the potential for similar such roles throughout the UK
Capacity Building (ie. staff training and development initiatives)	Sustainability Academy	Lead			HM Government, Scottish Borders Council		The aim of the project is to encourage innovative schemes to support local economies by investing in skills training, supporting business growth and encouraging individuals to grow and develop, becoming more resilient and sustainable.	https://www.borderscollege.ac.uk/sustainabilityacademy
Partnership Working	Scottish Borders Council Transport Working Group	Participant	Scottish Borders Council				Cooperation with the local council and partners to influence local transport planning and policy.	
Partnership Working	Borders College Sustainability Committee	Lead			Heriot Watt University	Borders College Student Association	Colleagues from across the college represented on Sustainability Committee to manage and deliver sustainability initiatives, including representatives from HWU, supported by 7 dedicated working groups: Carbon Management, Waste Management, Procurement, Biodiversity, Curriculum, Behavioural Change, Travel & Transport	
Partnership Working	Crown Paint Supplies	Participant		Crown Paint Supplies			Working with Crown to prevent the waste of empty paint tins, including collections from students and staff.	
Communications	Borders College Behavioural Change Working Group	Lead				Borders College Student Association	College Sustainability Events shared via internal newsletter and Social Media	
Partnership Working	South of Scotland Enterprise - Energy Transition Group	Participant	South of Scotland Enterprise				an ambitious and coordinated focus on responding to the significant opportunities facing the South of Scotland arising from a green recovery and a just transition to net-zero.	
Capacity Building (ie. staff training and development initiatives)	Renewable and Energy Efficiency Training Centre	Participant	ESP	Scottish Power Energy Networks, Green Economy Fund	Ayrshire College, Borders College, Edinburgh College, Fife College, Forth Valley College, Glasgow Kelvin College, South Lanarkshire		Our newly launched Renewable and Energy Efficiency Training Centre in Hawick is training the current and future construction industry to be able to save energy by building in a way that is zero carbon and uses very low amounts of energy.	
Partnership Working	Supports the aim to reduce period poverty within colleges	Supporting	Hey Girls				Provides a range of organic and sustainable period products	
Partnership Working	Working with International Tree Foundation (charity) to design and then seek funding for tree planting projects on campus.	Participant	International Tree Foundation			International Tree Foundation	Indicative designs an report froduced by International Tree Foundation have formed the basic for a funding application for trees, to be planted by students and volunteers.	
Capacity Building (ie. staff training and development initiatives)	Participant in Adaptation Scotland's Public Sector Climate Adaptation Network (formerly the Benchmarking Working Group), through the Central & South Scotland College Partnership. This group provides advice and support to help public sector institutions make use of Adaptation Scotland's resource to build adaptive capacity against the impacts of climate change.	Participant	Adaptation Scotland				Through work supported by the Public Sector Climate Adaptation Network, the College has used Adaptation Scotland's resources to produce a Strategic Climate Change Risk Assessment identifying risks presented to college operations. This is accompanied by an action plan identifying furhter actions towards adaptation. CSSCP's Sustainability Project Manager continues to receive support from Public Sector Climate Adaptation Network to	
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Other Notable Reportable Activity

Q5) Please detail key actions relating to Food and Drink, Biodiversity, Water, Procurement and Resource Use in the table below

Key Action Type	Key Action Description	Organisation's Project Role	Impacts	Comments
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Q5) Please use the text box below to detail further climate change related activity that is not noted elsewhere within this reporting template