Complete
In progress

Type and Action Ref.	CDN Roadmap Action Areas Link	College Proposed Activity	Output from Activity	Action By	Date to be completed/ updated	Roadmap Activity Area Link	Update to 22 Nov 2023 Audit Committee	Update to 6 March 2024 Audit Committee	Update to 29 May 2024 Audit Committee	Status
1. Completed Actions										
Emerging College Initiatives										
EM 1.1	Sign the Global Climate Commitment	College signed up to the Race to Net Zero Greenhouse Gas Emissions Commitment	Commitment in place	J Vincent	Completed. Signed in October 2021	Partnerships & Engagement				Complete
EM 1.2	Establish Sustainability Committee/ Group	College Steering Group set up	Group established	Climate Change Group	Established. To meet 6-weekly.	Leadership & Governance				Complete
EM 1.3	Upskill on measuring emissions	Review of emissions measuring process. Quarterly reporting pack to be developed.	Measuring process established.	J Clark	Significant work undertaken and quarterly reporting pack developed. Info submitted to Group May 22	Data Collection				Complete
EM 1.4	Upskill on measuring emissions	Future monitoring at least quarterly.	Utilities quarterly monitoring established.	Estates/ College Group	On agenda for each Group meeting	Data Collection				Complete
EM 1.5	Measure college carbon footprint using existing data	Reporting of carbon footprint to SLT and Climate Change Group	Focus actions for utilities controls	Climate Change Group	Data to Climate Change Group each quarter and reported to Audit Committee.	Data Collection				Complete
EM 1.6	Establish Sustainability Committee reporting	Reporting to Board/ Committee	Action Plan submitted and agreed for monitoring at College Group	J Thomson	Action Plan to Audit Committee end May and Board in June 2022 then each Committee meeting.	Leadership & Governance				Complete
EM 1.7	Regional collaboration on activity	Member of GCRB Green Team (3 College staff)	Attend meetings of Green Team and submit returns	Regional Officer	Meetings being attended as per schedule.	Leadership & Governance				Complete
EM 1.8	Review utilities consumption College data measures	Review Building Management System and monitoring processes	Highlight areas to target actions to achieve utilities reductions	J Thomson/ D Newlands	End June 2022	Data Collection				Complete
EM 1.9	Gather college views on sustainability - staff	Undertake staff survey on sustainability	Results inform future actions	J Thomson	By end October 2022	Leadership & Governance				Complete
EM 1.10	Negotiate with food suppliers for sustainable food options	Work ongoing with food suppliers and TUCO on sustainable food supplies. Reporting to be developed	Agreed requirements with food suppliers.	J Clark	Completed June 2022	Partnerships & Engagement				Complete
EM 1.11	Hold workshop with leaders to set net zero carbon target (Revised based on new part of Net Zero Commitment)	Workshop session to be arranged on net zero target/annual plan	Target levels to be set.	J Thomson/ Climate Change Group	Discussions at Climate Change Group.	Leadership & Governance				Complete
EM 1.12	Gather college views on sustainability - staff	Undertake staff survey on sustainability (e.g. using HIVE)	Results inform future actions	J Thomson	By end December 2022	Leadership & Governance				Complete
EM 1.13	Gather college views on sustainability – students	Undertake student survey via GCCSA	Results inform future actions.	GCCSA	By Dec 22 / Jan 23	Leadership & Governance				Complete
EM 1.14	Deliver carbon literacy training to staff and students	Develop carbon literacy training for staff and students	Staff and student awareness levels raised.	Climate Change Group / Organisational Development	Jun23 Dec23	Teaching, Learning, Research	Review College Development Network sector climate change training tool. CDN training tool to be rolled out to all staff and students by Dec23.	Use of postcode data is not viable, EAUC comms re: travel survey templates. JC and OD to plan for next staff survey on commuting.	Links to free Sustainability courses are incuded in Clyde Connects and are updated every quarter. E-Learning and OD Teams have generated training materials on Canvas for students and staff	Complete
Established College Initiatives										
ES 1.1	Incorporate net zero ambitions in strategic plan	Strategic Plan – Cross cutting theme 2 updated re sustainability/ climate change objectives	Stated objectives in plan	J Thomson	Completed. Plan objectives agreed at Board in March 2022	Leadership & Governance				Complete
ES 1.2	Participate in Global Goals Teach In	Attend webinar on Global Goals Teach In. Participate in 2022 Teach-In activity	Gained knowledge of scheme. Established College as participant	J Thomson J Rafferty/ CAPs	Completed Jan 2022 for 2022 Teach In	Teaching, Learning, Research				Complete
ES 1.3	Establish ring-fenced budget	Estates budget to be reviewed for 2022/23	Agree budget for estates projects with climate change benefits.	J Thomson/ D Newlands	Jun-22	Leadership & Governance				Complete
ES 1.4	Establish ring-fenced budget	Condition survey received and future budget to be considered for sustainability improvements	Agreed capital plan projects related to climate change	J Thomson/ D Newlands	May-23	Leadership & Governance				Complete

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ES 1.5	Modify estates strategy in line with net zero target	Estates strategy updated to include referencing to net zero commitment	Strategy aligned to climate change action plan.	J Thomson	Narrative updated. Targets included as KPIs.	Estates & Operations				Complete
ES 1.6	Waste - Set and implement targets to reduce waste on campus	Climate Change group to agree future targets for waste reduction	Target set for continued low waste levels.	Climate Change Group	Achieving good outcomes on waste and recycling. Monitored quarterly.	Estates & Operations				Complete
ES 1.7	Participate in Global Goals Teach-In	Plan for future Teach-In curriculum activity	Deliver teaching during annual event times.	J Rafferty/ CAPs	Develop for March 23	Teaching, Learning, Research				Complete
ES 1.8	Utilities - Implement strategies to reduce energy use	Estates to review energy use and present future plans to Climate Change Group and SLT	Progress on plans reported.	D Newlands J Clark	Reduction plan by Dec 2022. Next stage Mar/Apr24	Estates & Operations	BMS upgrade at Anniesland approaching completion. This will help the College to manage energy consumption at the Anniesland campus. Capital bid to be submitted in Jan24 for cross campus power management system and Cardonald & Langside BMS upgrades. Next stage of Feasibility Study to be completed by Mar/Apr24 if Energy Efficiency Grant Scheme (EEGS) pre-capital funding application is successful.	Pre-Capital Funding: £60k approved for feasibility study.		Complete
ES 1.9	Waste - Ensure recycling/signage is available in every building	Recycling signage updated in each building using key memorable messaging	Awareness raised for building users.	J Clark/ GCCSA/ Building Coordinators	Review and update of signage by Nov23 (revised from Mar23)	Estates & Operations	Recycling signage completed Nov23.			Complete
ES 1.10	Gather college views on sustainability - staff and students	Reminder to staff and students to complete questionnaire	Results inform future actions	Regional Officer	Early March 23	Leadership & Governance	Completed. Questionnaires issued and returned. Feedback tool available and will be discussed at Region Green Team.			Complete
ES 1.11	Train teaching staff to incorporate sustainability into curriculum for all courses	Future development of curriculum to include climate change/sustainability in units studied	Portfolio review includes possible climate change areas to be added.	J Rafferty/ CAPs	Reviewed as part of portfolio plan by March-23	Teaching, Learning, Research				Complete
ES 1.12	Review curriculum against UN Sustainable Development Goals using Responsible Futures framework	Future curriculum to be reviewed against SDG	Portfolio review includes possible climate change areas to be added.	J Rafferty/ CAPs	Reviewed as part of portfolio plan and any changes by May 2023	Teaching, Learning, Research	Canvas climate change/sustainability courses developed by E-learning Team are now available and are embedded in all courses.			Complete
ES 1.13	Establish ring-fenced budget	Condition survey received and future budget to be considered for sustainability improvements	Agreed capital plan projects related to climate change	J Thomson/ D Newlands	May-23	Leadership & Governance				Complete
ES 1.14	Utilities - Develop fossil fuel divestment plan	Work with APUC on reduction plans for fossil fuels	Framework agreements discussion and information shared	D Newlands J Clark APUC	Mar/Apr24	Estates & Operations		This is being progressed as part of the Energy Efficiency Grant Scheme pre-capital project. Feasibility Study to be completed by Mar24.	This was progressed as part of the Energy Efficiency Grant Scheme (EEGS) funded pre-capital project. Feasibility Study completed Mar24.	Complete
ES 1.15	Set and implement targets to reduce waste on campus by 50-75% (NEW)	Set and implement targets for reductions in tonnes of waste generated	Achieve targeted reductions in tonnes of waste generated	D Newlands J Clark	May-24	Estates & Operations			The College had previously reduced the tonnes of waste generated from a baseline of 422 in 2018/19 to 225 in 2019/20, a reduction of 47%. This was then reduced to 134 in 2020/21 giving an accumulative reduction of 68%, however that year was impacted by COVID and related periods of lockdown. A new baseline of 204 was created in 2021/22 and the College's target going forward is to reduce this by 3% to 5% annually.	Complete
ES 1.16	Implement new travel policy to reduce long-haul aviation travel (NEW)	Review of College business travel procedure	Ensure long-haul aviation travel is minimised	T Elliott	May-24	Estates & Operations			The College has a business travel procedure in place in which all overseas travel must be approved in advance by a member of the Executive Management Team or the Chair of the Board.	Complete
Leading College Initiatives										

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L 1.1	Apply for Scottish Government Energy Efficiency Grant	Seek funding for feasability stage	Potential for up to £50k	D Newlands J Clark	Deadline for pre-capital bid Oct23.	Partnerships & Engagement	The College worked with advisors, GEP Environmental, and submitted a Pre-Capital Application for maximum funding of £60k by 31 October deadline.			Complete
L 1.2	Develop climate risk management approach	Strategic Risk Register to include climate action plan as a mitigating action	Risk captured on register.	J Thomson	Updated risk register May 2022	Leadership & Governance				Complete
L 1.3	Incorporate sustainability into governance arrangements	Cycle for reporting on climate change to SLT and Board Committee to be agreed	Reporting of actions progress.	J Vincent/ J Thomson/ Audit Chair	Cycle to be agreed May 2022	Leadership & Governance				Complete
L 1.4	Incorporate sustainability into governance arrangements	Regional reporting annually to GCG sustainability group	Reporting of actions progress.	Regional Officer	June 2022 report to GCG Group	Leadership & Governance				Complete
L 1.5	Develop climate risk management approach	Separate risk register for climate change to be developed.	Detailed risks captured.	Climate Change Group	Nov-22	Leadership & Governance				Complete
L 1.6	Share carbon footprint data collection approach as model to other colleges	Regional review of carbon footprint and reporting to Regional Green Team	Reporting of data at College and Regional level	Regional Officer/ J Thomson	Data for 2020/21 and 2021/22 to be compared and discussed. By October 2022	Data Collection				Complete
L 1.7	Embed climate responsibility into staff development	Include in College learning days/staff development programme climate related training	Staff awareness levels raised.	Climate Change Group / Organisational Development	Jun23 Dec23	Leadership & Governance	Climate change training included in Jun23 College staff learning days. College Development Network sector climate change training tool to be rolled out to all staff and students by Dec23.	College Development Network sector climate change training tool deferred as tool had bugs. Also CDN account is required to access training so only available to staff. Glasgow College Regional Board have short animated training course resource which could be utilised and a personalised video can be created by the College.	Climate responsibility now embedded into staff development. The College is awaiting the animated course which is being provided by GCRB and this will be made available to staff and students.	Complete
L 1.8	Work with local community/ council/ businesses to improve local biodiversity	Partnership established with Coffee Conscience to fund planting of community trees though ethical purchasing Partnership with International Tree Foundation.	Contract in place for ethical purchasing Planting area established	J Clark J Thomson	Apr-24 Dec-23	Partnerships & Engagement	Potential Green Plan/Project initiatives to be progressed i.e. Planned GCEF funded learning spaces project. Horticulture team progressing green spaces internally/externally across all campuses.	Potential Green Plan/Project initiatives to be progressed i.e. Planned GCEF funded learning spaces project. Horticulture team progressing green spaces internally/externally across all campuses.	The College has to date funded 156 community trees through this supplier partership Tree planted at the Cardonald campus	Complete
L 1.9	Utilities - Apply for Salix finance loan to improve energy efficiency/reduce emission	Explore options for SALIX funding	Potential loan	T Elliott	May-24	Estates & Operations	The classification of Scottish Colleges means the College is technically unable to borrow. The Regional Officer will explore to clarify if this is a potential option for the Region.	The classification of Scottish Colleges means the College is technically unable to borrow. The Regional Officer will explore to clarify if this is a potential option for the Region.	Due to ONS classification, the College requires Scottish Government approval for any borrowing. The College will consider any options for funding if/when Scottish Government provide a model for this in future.	Complete
2. Short to Medium Term Actions										
Established College Initiatives										
ES 2.1	Develop and implement plan to measure Scope 3 emissions	Review of scope 3 emissions for the College and implement plan to measure these	Target future actions for scope 3 areas.	J Clark APUC	Oct-24	Data Collection	Completed. Scope 3 emissions being reported by APUC. College interrogating APUC and Higher Education Statistic Agency (HESA) UK average conversion factors for Nov23 Annual Report	Links to free Sustainability courses to be incuded in Clyde Connects. Updates every quarter. JR circulating UNESCO curriculum focused resource as more material becomes available. E-Learning and OD Teams continuing to generate training materials on Canvas for students and staff	APUC now provide the College with an annual Supply Chain emissions report. Travel Know How Scotland have provided 3 free days of consultancy to facilitate the staff and student survey and analyse results. Staff travel survey completed Apr24. Student travel survey scheduled for Sep24.	Initial actions complete. Next stage in progress.
ES 2.2	Utilities - Develop fossil fuel divestment plan	Work with APUC on reduction plans for fossil fuels	Framework agreements discussion and information shared	D Newlands J Clark APUC	Jul-24	Estates & Operations	This has been progressed as part of the Energy Efficiency Grant Scheme pre-capital funding application. Next stage of Feasibility Study to be completed by Mar/Apr24 if EEGS pre-capital funding application is successful.	This is being progressed as part of the Energy Efficiency Grant Scheme pre-capital project. Feasibility Study to be completed by Mar24.	Energy Efficiency Grant Scheme (EEGS) funded Feasibility Study completed Mar24. The College is now preparing an EEGS Capital Bid for funding of circa £2.6M by the next EEGS checkpoint of 31 July 2024.	Initial actions complete. Next stage in progress.

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ES 2.3	Utilities - Implement renewable energy on a part of/all of the estate	Work with APUC on use of renewable energy	Framework agreements discussion and information shared	D Newlands J Clark APUC	Jul-24	Estates & Operations	PV panels already in place at Cardonald and Langside. Next stage of Feasibility Study to be completed by Mar/Apr24 if EEGS pre-capital funding application is successful.	PV panels already in place at Cardonald and Langside. Feasibility Study to be completed by Mar24.	Energy Efficiency Grant Scheme (EEGS) funded Feasibility Study completed Mar24. The College is now preparing an EEGS Capital Bid for funding of circa £2.6M by the next EEGS checkpoint of 31 July 2024.	Initial actions complete. Next stage in progress.
Leading College Initiatives										
L 2.1	Develop future sustainability projects plan	Condition survey to be reviewed for future sustainability improvements	Plan for use of future capital funding	T Elliott D Newlands J Clark	Jul-24	Leadership & Governance	Next stage of Feasibility Study to be completed by Mar/Apr24 if EEGS pre-capital funding application is successful.	This is being progressed as part of the Energy Efficiency Grant Scheme pre-capital project. Feasibility Study to be completed by Mar24.	Energy Efficiency Grant Scheme (EEGS) funded Feasibility Study completed Mar24. The College is now preparing an EEGS Capital Bid for funding of circa £2.6M which was due for submission by the next EEGS checkpoint of 31 July 2024. However Scottish Government recenty announced that they have reached their funding capacity so have closed the July 2024 checkpoint. The College will therefore submit a bid at the next available checkpoint when Scottish Government announce this.	Initial actions complete. Next stage in progress.
3. Long Term Action Options										
Established College Initiatives										
ES 3.1	Establish climate action network with local council	Seek to engage further with relevant partners in establishing a climate action network	Potential to expand network contacts	John Rafferty	Ongoing	Partnerships & Engagement	Future date to be agreed.	Future date to be agreed.	The College already networks with Glasgow City Council via the green skills development agenda and the UNESCO Learning Cities bid. Further networking to be considered at Regional level i.e. The Sustainable Glasgow Group	Initial actions complete. Next stage in progress.
ES 3.2	Explore funding options to improve energy efficiency/ reduce emissions (NEW)	Maintain a highly active watching brief on potential future funding opportunities	Potential funding opportunities	Chief Operating Officer J Clark	Ongoing	Estates & Operations			The College will continue to maintain a highly active watching brief on potential future funding opportunities	
ES 3.3	Sign the UN Sustainable Development Goals (SDG) accord including auditing curriculum against UN Sustainable Development Goals using Responsible Futures framework	Group considered SDG accord. Potential for future to complete the SDG Accord Annual Reporting	Future reporting against SDG Accord annually.	Chief Operating Officer	TBC	Partnerships & Engagement	Discussed at Climate Change Group Nov22 re signing SDG Accord. Agreed to postpone to future period as already signed Race to Zero commitment. There are 17 UN Sustainability Goals. Due to the volume of college courses, it is not practical to map all courses against these. However, the Canvas climate change/sustainability courses explicitly address the 17 goals.	This action requires further consideration given the College resources required versus the related potential benefits	This action requires further consideration given the College resources required versus the related potential benefits	
Leading College Initiatives										
L 3.1	Apply for Green Gown or Association of Colleges Beacon Award (leading)	Future possible development	Potential to participate in award scheme	TBC	TBC	Partnerships & Engagement	Future date to be agreed.	Future date to be agreed.	This will be considered by the College going forward	
L 3.2	Expand travel policy to reduce emissions from commuting to/from campus (NEW)	Review of travel policy/procedures	Potential to reduce emissions from commuting to/from campus	Chief Operating Officer J Clark	Dec-24	Estates & Operations			The College will work with Travel Know How Scotland to progress potential opportunities through the 2024 staff and student travel survey results	Initial actions complete. Next stage in progress.