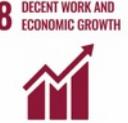
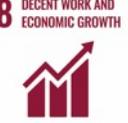
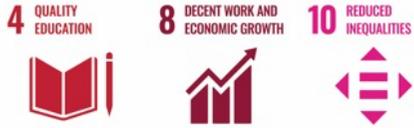


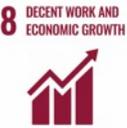
Sustainable Development Goals and Strathclyde's CCSR Plan

This document outlines each of the 25 points to Strathclyde's new Climate Change and Social Responsibility (CCSR) Plan and aligns them with emissions scopes as well as which Sustainable Development Goals they support the most. Emissions scopes range from Scope 1 (all direct emissions), to Scope 2 (Indirect Emissions), and Scope 3 (all other indirect emissions from third parties). For each deliverable, three of the most relevant SDGs have been identified and briefly discussed. This allows the university to track its progress towards ensuring that all 17 SDGs are met through university operations but also to hold the university accountable to the SDG standard as the CCSR plan is implemented.

No.	Deliverable	Scope	SDG
1	<p>Re-set our KPI 2009/10 baseline to be inclusive of all elements of Scope 3 emissions which we are able to reliably quantify and mitigate, with the intention to further review the coverage over time as our measurement approaches improve.</p>   	3	<p>SDG 11 – Sustainable Cities and Communities: Strathclyde's efforts to improve scope 3 will, in turn, influence more sustainable practices within the city in connection to our suppliers.</p> <p>SDG 12 – Responsible Consumption and Production: A greater understanding of scope 3 will mean products consumed at Strathclyde will have a more ethical production line.</p> <p>SDG 17 – Partnerships for the Goals: This will be a great opportunity to enhance and create lasting partnerships with suppliers to support sustainable practice.</p>
2	<p>Disaggregate the KPI's annual milestones to determine targets for reduction in energy use, travel emissions, waste.</p>   	2	<p>SDG3 – Good Health and Wellbeing: Efforts to reduce travel and energy emissions effectively lead to more active travel and healthier and more accessible behaviour amongst staff and students.</p> <p>SDG7 – Affordable and Clean Energy: Reduction in energy use naturally creates demand for cleaner energy so the disaggregation of KPIs could help support this transition.</p> <p>SDG13 – Climate Action: Reduced energy use and emissions will allow Strathclyde to take significant steps forward in taking action on climate change.</p>
3	<p>Determine the correct carbon accounting route for electricity from renewables and how this impacts on our ability to procure Power Purchase Agreements (PPAs) that we can use to reduce CO2 burden. Continue to procure 100% renewable electricity with REGO certificates.</p>   		<p>SDG7 – Affordable and Clean Energy: This commitment from Strathclyde will not only commit to our own procurement of clean energy but also set an industry standard to encourage others to do the same.</p> <p>SDG9 – Industry, Innovation and Infrastructure: This investment in renewable energy can support Scotland's just transition to clean energy, and also Strathclyde's own research innovation in this sector.</p> <p>SDG 17 – Partnerships for the Goals: PPA's will require a lot of close working together to create new energy contracts, which can help strengthen the partnerships the university has with the private sector.</p>

4	<p>Building on technical feasibility work underway, initiate transition away from fossil fuels and work with others to install large scale solar, wind, hydrogen, geothermal and battery storage systems; tapping into city networks where possible.</p>   	2 & 3	<p>SDG9 – Industry, Innovation and Infrastructure: Working collaboratively within the Scottish renewables sector will utilise Strathclyde’s procurement, research and industry links to inspire positive change towards a higher uptake of clean energy in Scotland.</p> <p>SDG 11 – Sustainable Cities and Communities: This outward-looking work gives Strathclyde the chance, not just to increase the sustainability of our own estate, but also that of organisations across Glasgow.</p> <p>SDG 17 – Partnerships for the Goals: Deliverable 4 commits the university to ensuring that collaboration underpins all innovation and clean energy work done, giving a great chance to utilise our industry links.</p>
5	<p>Develop an incentivisation system for local buy-in, for example carbon trading and localised targets, and drive up carbon literacy levels amongst staff and students.</p>   	3	<p>SDG4 – Quality Education: Increasing Carbon Literacy training opportunities for staff and students will give Strathclyders access to innovative, useful and nationally-leading learning that will benefit their own education and careers as well as the environment.</p> <p>SDG 8 – Decent Work and Economic Growth: Through building in incentivisation schemes like carbon trading, Strathclyde can contribute to national efforts to create a more circular and ethical model of economic growth.</p> <p>SDG 11 – Sustainable Cities and Communities: This can create greater networks for sustainable action within local networks where Strathclyde can offer resources and learn from other organisations.</p>
6	<p>Implement our Sustainable Investment Policy, which considers a range of environmental, social and governance issues and which will inform any changes to the University’s investment portfolio.</p>   		<p>SDG5 – Gender Equality: With higher scrutiny of where Strathclyde’s investments go, this commits the university to only invest in companies that can prove they have a culture of equality throughout their operations.</p> <p>SDG 8 – Decent Work and Economic Growth: By increasing the ethical standard that Strathclyde must adhere to in terms of our investment portfolio, Deliverable 6 will support a new and more sustainable method of growth.</p> <p>SDG 11 – Sustainable Cities and Communities: The local community in Glasgow can be supported through making investments too, helping smaller communities decarbonise alongside the university.</p>
7	<p>Evaluate local schemes around socially responsible offsetting that involve local communities, sequestration potential and are based around our own assets.</p>   	N/A	<p>SDG 11 – Sustainable Cities and Communities: Investing time and resources into local schemes will benefit the local community in Glasgow through increasing their ability to live and act sustainably.</p> <p>SDG15 – Life on Land: Developing new sequestration projects will, as well as reducing atmospheric carbon levels, create much healthier natural landscapes that can then deliver multiple benefits to locals.</p> <p>SDG 17 – Partnerships for the Goals: So far, partnerships have mainly referred to industrial links and cross-sectoral collaboration but Deliverable 7 allows the University to further grow its partnerships with local community projects, councils and individuals.</p>
8	<p>Influence policy in Glasgow, Glasgow Region, Scotland, the UK and internationally to accelerate climate action, with a particular initial focus on COP26.</p>   		<p>SDG13 – Climate Action: Through successfully influencing Scottish, UK and UNFCCC policy, Strathclyde will be able to influence climate action locally and across the world.</p> <p>SDG16 – Peace, Justice and Strong Institutions: Through influencing policy, Strathclyde can advocate for communities and demographics of people, that connect to the university’s research and partnerships, all over the world.</p> <p>SDG 17 – Partnerships for the Goals: The COP26 opportunity offers lots of ways to partner with different groups. From activist-led policy groups (which link to student interest) to business collaborators (which link to industry partnerships), there are ways for all staff and students at Strathclyde to influence policy.</p>

9	<p>Embed the UN Sustainable Development Goals in our curriculum and continue to fully participate in the THE SDG Impact Ranking, submitting across all 17 SDGs</p> 		<p>SDG1 – No Poverty: Through partnerships, research, teaching and the future work of graduates, with the SDGs embedded in the curriculum, all learners at Strathclyde will have the tools to work to alleviate issues of poverty where they can – particularly in the local community in Glasgow.</p> <p>SDG4 – Quality Education: By embedding the SDGs in the curriculum for all students, Strathclyde will be able to deliver teaching across its courses that facilitates innovation and climate action but also encourages awareness of issues of equality.</p> <p>SDG10 – Reduced Inequality: Social justice lies at the heart of climate action as well as the SDGs as a whole so embedding the goals into the curriculum can challenge students to understand how they can increase diversity and equality in their own careers.</p>
10	<p>Create and deliver reskilling and retraining opportunities for a net-zero, well-adapted economy.</p> 	N/A	<p>SDG4 – Quality Education: Deliverable 10 will allow the university to deliver updated and more relevant courses that equip students with the particular sets of skills needed for today's challenges.</p> <p>SDG 8 – Decent Work and Economic Growth: Delivering training about adapting the economy to be more ethical and sustainable will allow Strathclyde's graduates to support the shift to a new framework of economic growth in their careers.</p> <p>SDG10 – Reduced Inequality: By taking ownership of new courses and teaching opportunities, Strathclyde can take steps to ensure everyone has equal access to participate in crucial jobs needed in the workforce over the coming years.</p>
11	<p>Pursue community benefits throughout our campus developments and develop an approach to a 'social pledge' with our neighbours and communities to facilitate investment in activities which are climate and socially responsible.</p> 		<p>SDG2 – Zero Hunger: Due to inequality within Glasgow, there are still high levels of poverty and hunger. This gives Strathclyde the opportunity to address this through its own programmes, such as those which relate to sustainable food and employment.</p> <p>SDG 11 – Sustainable Cities and Communities: A 'social pledge' will allow Strathclyde to utilise a significant amount of staff time, resources and money to support and enhance the sustainability and wellbeing of local communities.</p> <p>SDG 17 – Partnerships for the Goals: Deliverable 11 sees Strathclyde's local community as one of its key partners. This can be incorporated to all levels of operations.</p>
12	<p>Facilitate learning through the creation of demonstration spaces and research opportunities across our on-campus carbon reduction projects.</p> 		<p>SDG4 – Quality Education: This will create spaces that aim to enhance the learning environment for Strathclyde students but it will also be an opportunity to take the wealth of knowledge created by student research projects and feed it into a practical real-world estates plan.</p> <p>SDG10 – Reduced Inequality: By designing new spaces with all the knowledge of inclusive architecture, as well as the needs of particular demographics of our staff and students, this gives Strathclyde the opportunity to design innovative spaces that are welcoming to all students, particularly those with particular physical access needs.</p> <p>SDG9 – Industry, Innovation and Infrastructure: To create spaces that can be as inclusive as possible, a wide range of research and design practices will need to be drawn on, giving Strathclyde the chance to re-think the way space is planned on campus and create new designs of spaces through research initiatives and industry partners.</p>
13	<p>Work with sectoral and regional partners to ensure that low carbon practices become the expected norm in our supply chains.</p> 	3	<p>SDG12 – Responsible Consumption and Production: By creating direct working links with suppliers, Strathclyde can take direct control over its scope 3 emissions and influence efforts to reduce them.</p> <p>SDG13 – Climate Action: Addressing scope 3 emissions has the potential to drastically reduce Strathclyde carbon footprint as well as Scotland's as a whole.</p> <p>SDG 17 – Partnerships for the Goals: The relationship-building and knowledge-sharing opportunities provided by Deliverable 13 could greatly enhance partnerships across the sector and create lasting collaborations.</p>

14	<p>Collaborate in the City and in the Sector, including: pursuing opportunities through our net zero innovation districts and working with Glasgow City Council through Sustainable Strathclyde.</p>   	3	<p>SDG9 – Industry, Innovation and Infrastructure: The Glasgow City Council partnership allows Strathclyde to benefit from and contribute to city-wide infrastructure and feed in our world-leading research expertise into city planning activities.</p> <p>SDG16 – Peace, Justice and Strong Institutions: By widening the reach of the university and creating more collaborative capital projects, Strathclyde will be able to continue to develop its values and influence more institutions around Glasgow to work to higher ethical standards too.</p> <p>SDG 17 – Partnerships for the Goals: Partnerships underpin all elements of Deliverable 14 and are essential to the planning of the innovation districts and the relationship with the council.</p>
15	<p>Commission, evaluate and act on technical feasibility studies into heat and power solutions, climate resilience, demand side reduction and renewables generation solutions that rank, cost and programme emissions reductions across all assets including: Ross Priory climate neutral district; John Anderson Campus; Power Networks Demonstration Centre; Advanced Forming Research Centre; Steps; NMIS; LMC; Climate Neutral Innovation Districts.</p>   	1 & 2	<p>SDG 11 – Sustainable Cities and Communities: Strathclyde’s estate spans several different council areas and neighbours lots of different communities. Any carbon reduction projects on the estate will also benefit local communities as these projects shall offer community benefits, create stronger partnerships, and enhance local infrastructure.</p> <p>SDG12 – Responsible Consumption and Production: Pushing for emissions reductions across the Strathclyde estate will lead to a lot of knock-on changes in the university’s procurement and production line. Therefore, goals that reduce emissions will also lead to more responsible consumption.</p> <p>SDG13 – Climate Action: Emissions Reductions across all of Strathclyde’s estates will be one of the best ways the university can contribute to tackling climate change. Across the eight separate parts of Strathclyde’s estate, Deliverable 15 will support other aspects of this plan to push forwards climate action goals.</p>
16	<p>Ensure all new physical assets are carbon neutral for energy, climate resilient and certified to Well Building Standard. Explore carbon-negative facilities with innovative design and materials.</p>   		<p>SDG13 – Climate Action: Working to eliminate the emissions produced by the university’s building stock will be a big step forwards to tackling climate change and moving towards Strathclyde’s target of Net Zero by 2040.</p> <p>SDG9 – Industry, Innovation and Infrastructure: Carbon negative buildings offer an opportunity to direct Strathclyde’s research and partnership innovation work into ensuring our own campus is working to the highest levels of energy efficiency.</p> <p>SDG 17 – Partnerships for the Goals: Ensuring new physical assets are carbon neutral requires collaboration between several university departments, construction contractors, the city council and many more. This work will enhance the existing collaborative network in Glasgow and help pave the way for more sustainable future capital projects around the city.</p>
17	<p>Ensure all major refurbishments comply with SKA Gold fit, BREEAM In-Use standard, or equivalent.</p>   	3	<p>SDG8 – Decent Work and Economic Growth: By ensuring new buildings are built to the highest possible environmental standard, the university creates opportunities for lots of work to be booked and contracted throughout the construction process.</p> <p>SDG 11 – Sustainable Cities and Communities: Strathclyde owns a large area of Glasgow City Centre. Therefore, ensuring that buildings built on this estate are built to these standards will contribute to Glasgow City Centre being of a higher environmental standard as well.</p> <p>SDG16 – Peace, Justice and Strong Institutions: Having a building stock that is built, and that operates to the SKA Gold and BREEAM standards, will ensure that the construction process is completed ethically and that the institution is working to the most up-to-date levels of environmental energy efficiency.</p>

18	<p>Through procurement, focus on circular economy and construction embodied carbon for new builds; initiate work with supply chain and develop new initiatives.</p> 		<p>SDG8 – Decent Work and Economic Growth: Shifting to a circular model of economics will be a gradual process but building elements of this into Strathclyde’s construction work will help support the local circular economy and create opportunities for more similar work to be done.</p> <p>SDG11 – Sustainable Cities and Communities: The circular economy relies on working closely with local communities to ensure that resources can be fairly shared and passed on so this project could enhance these links within Glasgow City and offer lots of community benefits.</p> <p>SDG12 – Responsible Consumption and Production: The circular economy provides ample opportunity to continue and build on Strathclyde’s work to reduce waste products by ensuring all materials used on campus can be re-purposed and, as a last resort, disposed of in environmentally friendly ways.</p>
19	<p>Progress work to remove single use plastics wherever possible, with initial focus on catering, and through progression of Sustainable Labs work.</p> 	3	<p>SDG12 – Responsible Consumption and Production: Reusable plastics will significantly reduce the environmental impact of our procurement and waste streams.</p> <p>SDG14 – Life Below Water: Plastic waste can cause serious issues for marine wildlife so reducing the amount of single use plastics will support Strathclyde’s work to protect our oceans and waterways.</p> <p>SDG15 – Life on Land: Single use plastics can contribute to a large amount of litter and waste that doesn’t make it to bins so can pollute the landscape. Reducing single use plastics on campus will lead to a healthier and more enjoyable green space on campus.</p>
20	<p>Reduce waste sent to landfill, ultimately to zero.</p> 		<p>SDG12 – Responsible Consumption and Production: Reducing landfill waste to zero means that all products procured and waste produced on campus will be able to be recycled, re-used, upcycled or disposed of in environmentally and socially responsible ways.</p> <p>SDG14 – Life Below Water: Given the environmental impacts and risks to waterways through chemical soil seepage around landfill sites, reducing waste sent to landfill will protect biodiversity in Central Scotland’s rivers.</p> <p>SDG15 – Life on Land: Playing our small part to influence the reduction of new landfill sites will help improve the landscape character in Central Scotland and increase wellbeing for those who live nearby landfill sites.</p>
21	<p>Deliver a pedestrian first ethos on campus, with student and staff experience at its heart, and health and wellbeing and biodiversity as major features: implement ‘last mile’ delivery solution; deliver investments in urban realm and active travel through Sustrans-funded ‘Places for Everyone’ collaborative project with Glasgow City Council and City of Glasgow College; plant to absorb carbon and set aside land to act as a carbon sink on our estate.</p> 	N/A	<p>SDG13 – Climate Action: Through creating carbon sinks on campus, Strathclyde is not just reducing the emissions of our estate – instead, the university is using its estate to reverse the emissions of our own and other organisations in Glasgow City Centre.</p> <p>SDG15 – Life on Land: Reducing vehicle access to campus and increasing biodiversity will mean staff and students have much more green space to interact with and it will be safer and healthier as pedestrians will have priority.</p> <p>SDG17 – Partnerships for the Goals: Through projects such as ‘Places for Everyone’, Strathclyde is able to collaborate with a lengthy and diverse list of external partners, from private and third sector organisations, councils and education institutions.</p>

22	<p>Extract 'lessons learned' around business travel from Covid19 Positive Response and Planning Group ahead of launching our travel policy, through which we'll enable active travel across our estate and facilitate informed choices about business travel; collect better data, agree targets and drive forward change in partnership with local transport providers.</p> 	N/A	<p>SDG3 – Good Health and Wellbeing: Increasing active travel boosts physical and mental health in numerous ways. From staying fit to accessing the meditative benefits of green space, this could radically improve the health and mood of Strathclyde's staff and students.</p> <p>SDG13 – Climate Action: Through reducing travel – particularly business travel and national flights – Strathclyde is able to drastically reduce its carbon emissions. It also allows staff and students to have greater access to opportunities for travelling with lower carbon impacts.</p> <p>SDG 17 – Partnerships for the Goals: By collaborating wider and more deeply internally and with external service providers, Strathclyde will be able to make it easier for staff to log travel and maintain partnerships with people and teams who will all be able to work for the same goal.</p>
23	<p>Increase the Cycle-To-Work Scheme investment ceiling to enable e-bikes, and complement with charging and changing facilities.</p> 		<p>SDG3 – Good Health and Wellbeing: Cycling is one of the best forms of active travel for improving mental and physical health so this scheme could improve wellbeing across the university.</p> <p>SDG10 – Reduced Inequalities: E-bikes make cycling accessible to a significantly larger and more diverse demographic of people and, through making e-bikes more financially accessible, there will be more equal access for all staff and students.</p> <p>SDA15 – Life on Land: Through encouraging staff and students to cycle instead of driving places, there will be less traffic on the Strathclyde estate which will lead to a less polluted landscape for flora, fauna and people.</p>
24	<p>Extract 'lessons learned' around remote working from Covid19 Positive Response and Planning Group and use these to inform a flexible working policy, delivered as part of the People Strategy.</p> 	2	<p>SDG3 – Good Health and Wellbeing: Responding to the needs of staff with the opportunity for better flexible working opportunities will allow staff to create their own work schedules that better reflect their wellbeing needs.</p> <p>SDG10 – Reduced Inequalities: Accessing physical office space and travelling around campus for full days is less practical for some Strathclyders than others. Therefore, more flexible working will support the Strathclyde community in accessing workspaces that are better suited to their needs.</p> <p>SDG13 – Climate Action: Flexible working will result in less staff and students commuting every day and will cut the university's carbon emissions.</p>
25	<p>Invest in software and on-campus AV solutions to enable continued 'blended' and fully remote working, whereby staff and students on and off campus can work together and access services seamlessly.</p> 		<p>SDG9 – Industry, Innovation and Infrastructure: The innovation opportunities provided by AV blended learning software are huge. This could allow research activities at the university to influence our operations and create a circular stream of teaching, research, industry links, university-level procurement, and teaching again.</p> <p>SDG10 – Reduced Inequalities: Physical access to campus presents many barriers to staff and students in terms of physical access and issues raised by some health conditions. Therefore, increasing the capacity to work from home will give more people fairer and more equal access to their work and education. This can only work as long as the negative impacts of home working are monitored. It also creates new opportunities for people in more geographically segregated parts of Scotland to engage with learning and working opportunities at Strathclyde.</p> <p>SDG 17 – Partnerships for the Goals: With a blended working environment, Strathclyde staff are as reachable by people within the organisation as they are by all other organisations in Scotland. This means we have one of the best opportunities to date to create lasting partnerships across the country which can then feed back into other Deliverables in this plan.</p>