



Glasgow City Council

Net Zero and Climate Progress Monitoring City Policy Committee

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UPDATE ON THE CIRCULAR ECONOMY ROUTE MAP AND ACTION PLAN

Purpose of Report:

To provide Committee with an update on the Circular Economy Route Map and Action Plan.

Recommendations:

The Committee is asked to:

- 1) Note the contents of this report;
- 2) Note the updates on the Circular Economy Action Plan; and
- 3) Note the considerations for the Circular Economy Route Map and Action Plan review and timeline for finalisation.

Ward No(s):

Citywide: ✓

Local member(s) advised: Yes ☐ No ☐ consulted: Yes ☐ No ☐

1. Introduction

1.1 In December 2020, Glasgow City Council (GCC) published the [Circular Economy Route Map and Action Plan](#) which aims to guide a change in city-wide economic practices from the current extractive system towards a regenerative system. Glasgow's Circular Economy Route Map addresses the need to move away from the "take-make-dispose" model to a circular system of quality, reuse, and durability. The Action Plan focuses on how to deliver this across a range of stakeholders including the Council, private sector, and civil society.

1.2 This report presents:

- An update on recent Circular Economy legislative and policy changes.
- An update on progress on key Circular Economy actions to date.
- The considerations for the Circular Economy Route Map and Action Plan review and timeline for finalisation.

2. Legislative and policy context

2.1 In May 2023 the Scottish Government consulted on the Circular Economy (Scotland) Bill and subsequently in January 2024 on the Circular Economy & Waste Route Map to 2030.

2.2 The [Circular Economy \(Scotland\) Bill](#) was passed in June 2024. It gives powers to Scottish Ministers and local authorities the tools needed to increase reuse and recycling rates, as well as modernise and improve waste and recycling services.

2.3 The [Circular Economy & Waste Route Map to 2030](#) sets the Scottish Government's strategic plan to deliver Scotland's sustainable resource and circular economy ambitions to 2030. It outlines what the Scottish Government intends to do, by when, and how it will work with others, to drive sustainable use and management of Scotland's resources. It is designed to drive progress on three key fronts:

- The strategic direction for delivering system wide circularity;
- Priority actions leading up to 2030;
- Reducing emissions associated with resources and waste.

2.4 The direction and actions set out in Scottish Government's Circular Economy and Waste Route Map are complemented by the Circular Economy (Scotland) Bill and its provisions. The Scottish Government's Circular Economy and Waste Route Map measures are grouped under four strategic aims, which reflect the span of the waste hierarchy:

- Reduce and reuse
- Modernise recycling
- Decarbonise disposal

- Strengthen the circular economy
- 2.5 The direction set by the Scottish Government's Circular Economy and Waste Route Map has been taken into consideration for the ongoing review of Glasgow's Circular Economy Route Map and Action Plan.

3. Progress on Glasgow's Circular Economy Actions to date

- 3.1 The following section provides an update on progress made across Glasgow's Circular Economy Action Plan since the last [report](#) to the Net Zero and Climate Progress Monitoring City Policy Committee in November 2022. The status of each action has been reviewed.
- 3.2 Of the original 31 Actions, 8 have been completed, 11 are Green (on track) and the remaining 12 are in Amber status (minor issues). A detailed update is contained within Appendix 1 of this report.
- 3.3 Some of the key highlights include:
- 3.3.1 **Glasgow Doughnut / Thriving Glasgow City Portrait:** An update on the Thriving Cities Initiative and City Portrait Definitions was presented to the Net Zero and Climate Progress Monitoring City Policy Committee in [August 2023](#). Working in partnership with the [Doughnut Economics Action Lab](#), [C40 Cities](#), and [GALLANT](#), the [Thriving Glasgow City Portrait](#) was launched in November 2023. Development of indicators to monitor progress against each definition is ongoing.
- 3.3.2 **CIRCult Project:** The [Circular Construction in Regenerative Cities](#) (CIRCult) project was a collaborative project that ran from 2019-2023 and involved 31 partners across the built environment chain in Copenhagen, Hamburg, the Helsinki region and Greater London. Glasgow participated as follower city, gathering information from [ReLondon](#) around reuse material flows, embodied carbon life cycle assessments, and circular planning targets. CIRCult reached its conclusion in September 2023. CIRCult outcomes informed the basis for the Cities4Forests Wood Material Flow Analysis.
- 3.3.3 **Construction Material Reuse Hub:** Zero Waste Scotland commissioned ARUP in 2023 to carry out a feasibility study for a construction material reuse hub (CMRH) in Glasgow. The report, gathering evidence from local and national stakeholders, investigated potential opportunities, challenges and operational models for a construction material reuse hub in Glasgow. Work is ongoing, supported by Zero Waste Scotland and stakeholders, to progress towards a construction material reuse hub in Glasgow.
- 3.3.4 **Cities4Forests Wood Material Flow Analysis:** This project aims to investigate how wood used in construction flows into the city of Glasgow throughout its lifecycle, with the aim to support future circular policy and best practice. An [outline of the project](#) was presented to Net Zero and Climate Progress Monitoring City Policy Committee in January 2024.

- 3.3.5 **Circular Procurement:** The Sustainable Procurement Working Group has been reestablished, led by GCC Corporate Procurement Unit. The first meeting took place in April 2024. The group will focus on embedding sustainability in the procurement workplan and agree on frameworks that can have a targeted focus on Circular Economy and other sustainable and climate related targets.
- 3.3.6 **Step Up to Net Zero:** [Step Up to Net Zero](#) is an initiative supporting Glasgow SMEs to reach net zero by funding six-month work placements that will help organisations take action towards net zero and circular goals. An [impact report](#) of Phase 1 was presented to the Net Zero and Climate Progress Monitoring City Policy Committee in April 2024. Phase 2 of the initiative is currently running, with 29 businesses having been accepted to the programme.
- 3.3.7 **Grounds for recycling:** Fronted by Glasgow Chamber of Commerce, through its Circular Glasgow initiative, and in partnership with Glasgow Life, Zero Waste Scotland and the 2023 UCI Cycling World Championships, the [Grounds for Recycling](#) campaign supported over 60 of Glasgow's cycle-friendly coffee hangouts and local roasters to join forces and turn used coffee grounds into soil improver.
- 3.3.8 **Glasgow Circular Supper Club:** A Circular Glasgow and Chamber of Commerce initiative, the Circular Glasgow Network aims to bring together organisations from across the city to connect, build and share their knowledge of a circular economy and its role in reaching net-zero targets. The inaugural [Glasgow Circular Supper Club](#) event hosted in May 2023 in partnership with SWG3 brought together a range of organisations from across the city.

4. Circular Economy Route Map and Action Plan Review

- 4.1 The changing legislative context outlined in Section 2 is a key consideration in the review of the Circular Economy Route Map and Action Plan. In addition, during the first quarter of 2023/24, the Ellen McArthur Foundation (EMF) acted as a critical friend to Glasgow and conducted an evaluation of Glasgow's Circular Economy Action Plan. The purpose of this evaluation was to build on the initial [review by the OECD](#). This evaluation provided recommendations in four key areas: governance and commitment, stakeholders, baseline information and solutions. The full findings of the EMF review were presented in detail to the Net Zero and Climate Progress Monitoring City Policy Committee in [September 2023](#).
- 4.2 In summary, the EMF proposed that in order to ensure that Glasgow's Circular Economy Route Map and Action Plan is deliverable, there is a need to update its focus on fewer, more tangible actions and to create a Working Group to drive its delivery. These recommendations were taken on board and the Circular Economy Working Group was created in January 2024, led by the Council's Sustainability team within NRS, with the aim to collaboratively review and update Glasgow's Circular Economy Action Plan and drive delivery.

- 4.3 Alongside GCC Sustainability, core members of the Working Group include Economic Development, Corporate Procurement Unit, Recycling, Streetscene and Waste Management, as well as Zero Waste Scotland, Glasgow Chamber of Commerce, and Circular Glasgow. This ensures representation from key stakeholders that play a pivotal role in the circular economy and the delivery of Glasgow's Circular Economy Action Plan.
- 4.4 Wider Working Group membership includes representation of other Council departments, ALEOs, and external stakeholders who are responsible for the delivery of specific Circular Economy Action Plan items.
- 4.5 Furthermore, in [May 2024](#), a proposal to integrate the Plastic Reduction Strategy Action Plan into the Circular Economy Action Plan was presented to Net Zero and Climate Progress Monitoring City Policy Committee. The purpose of this was to better embed plastic reduction into the Council's Circular Economy strategy and ensure consistent reporting. Doing so will enable further alignment of plastic reduction with relevant approaches in circular economy.
- 4.6 Specifically, a total of ten Plastic Reduction actions were proposed for integration into the Circular Economy Action Plan.

5. Next Steps

- 5.1 As outlined above a need was identified, by both the EMF evaluation and the Working Group, to review and update Glasgow's Circular Economy Route Map and Action Plan to align with current strategic priorities and focus on fewer, tangible areas where most impact can be achieved. Diagram 1 below summarises the process of review of the Circular Economy Route Map and Action Plan, which started in January 2024 with the launch of the Circular Economy Working Group.

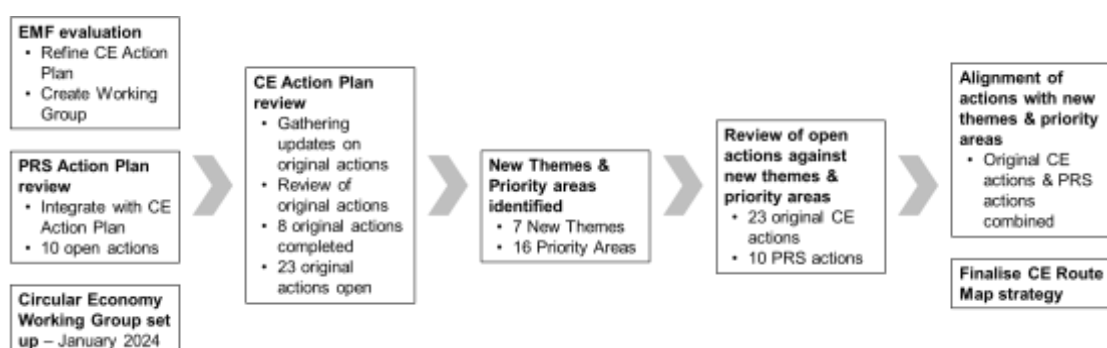


Diagram 1 – Circular Economy Action Plan review process

- 5.2 Steps 1-4 of this process have been undertaken to date through engagement with the Circular Economy Working Group. The Working Group has come together seven times to:
- Report on action progress.
 - Identify priority areas for future work.

- Review actions with the aim to update in early 2025, taking into consideration progress and strategic priorities.
- 5.3 The next steps in the review and update of the Circular Economy Route Map and Action Plan are to:
- Refine actions, including timelines, owners and partners, under new priority areas.
 - Finalise the review of the Circular Economy Route Map strategic document.
- 5.4 Reporting of the integrated and updated Circular Economy Route Map and Action Plan will be provided to the Net Zero and Climate Progress Monitoring City Policy Committee early in 2025. Moving forwards activities and projects will be reported on an annual basis under the new themes and priority areas.
- 5.5 Circular Economy requires continued input of commitment and resources from various functions within the Council as well as city stakeholders. The Circular Economy Working Group will continue to meet and work collaboratively to deliver the agreed actions.

6 Policy and Resource Implications

Resource Implications:

Financial: There are no direct financial implications arising from the report.

Legal: The report raises no legal issues.

Personnel: The Circular Economy Route Map and Action Plan is managed within existing resource in the Sustainability team. A wide range of internal colleagues will continue to be involved in the project delivery.

Procurement: There are no direct procurement implications arising from the report.

Council Strategic Plan: The project supports Grand challenge 1, 2, 3 and 4:

- Reduce Poverty and Inequality In Our Communities; Mission 3: Improve the health and wellbeing of our local communities, by embedding circular practices and values.
- Increase Opportunity and Prosperity for All Our Citizens; Mission 1: Support Glasgow residents into sustainable and fair work, by creating skills for a circular

economy; Mission 2: Support the growth of an innovative, resilient and net zero carbon economy, by embedding circular practices and supporting the creation of reuse/repair hubs.

- Fight Climate Emergency in a Just Transition to Net Zero; Mission 2: Become a Net Zero Carbon City by 2030, by reducing consumption and waste.
- Enable staff to deliver essential services in a sustainable, innovative and efficient way for our communities; Mission 1: Create safe, clean and thriving neighbourhoods, by embedding circular practices.

Equality and Socio-Economic Impacts:

Does the proposal support the Council's Equality Outcomes 2021-25? Please specify.

The Circular Economy Route Map specifically supports positive action in relation to tackling inequalities and creating a positive socioeconomic impact through the promotion of circular practices and reskilling/upskilling people for a green and circular economy.

What are the potential equality impacts as a result of this report?

A positive impact – an EQIA screening has been undertaken on the Circular Economy Route Map. Climate Change impacts all of society. However, vulnerable communities can be disproportionately impacted. By implementing a low carbon, circular economy in a just and fair manner, we can work towards minimizing climate impacts.

Please highlight if the policy/proposal will help address socio-economic disadvantage.

Through taking action towards becoming a Circular City it is envisaged that socioeconomic disadvantage would be reduced and climate resilience would improve through changing our reliance on a take-make-dispose model to a regenerative economy.

Climate Impacts:

Does the proposal support any Climate Plan actions? Please specify:

The project supports the following Climate Plan actions directly; Action 6: Net zero City Plan; Action 11: Just transition; Action 40: Adoption of circular practices; Action 45: Delivery of the Plastic Reduction Strategy; Action 59: Circular economy transition.

<i>What are the potential climate impacts as a result of this proposal?</i>	Accelerating the transition to a circular, low carbon economy will result in reduction in overall levels of consumption, reduction in use of primary raw materials and support towards nature regeneration.
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<i>Will the proposal contribute to Glasgow's net zero carbon target?</i>	The Circular Economy Route Map seeks to enable the city to reduce its carbon emissions more rapidly and build resilience to the impacts of current and future climate change. A Circular Economy can support towards net zero by changing the way we consume and the way we make and use materials and food.
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Privacy and Data Protection Impacts:

<i>Are there any potential Data protection impacts as a result of this report</i> Y/N	Not applicable to this report.
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<i>If Yes, please confirm that a Data Protection Impact Assessment (DPIA) has been carried out</i>	N/A
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7 Recommendations

7.1 The Committee is asked to:

- 1) Note the contents of this report;
- 2) Note the updates on the Circular Economy Action Plan; and
- 3) Note the considerations for the Circular Economy Route Map and Action Plan review and timeline for finalisation.

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Appendix 1: Circular Economy Action Plan – Updates August 2024

	On track & Priority
	Minor delay/issues & Priority
	Major delay/issues & Not a priority
	Complete

APPENDIX 1– ORIGINAL ACTIONS STATUS UPDATE AND RECOMMENDATIONS					
ACTION NO.	DESCRIPTION	PARTNERS	UPDATE – AUGUST 2024	RAG	RECOMMENDATION FOR REVIEW
POLICY					
1	Glasgow City Sustainability / Circular Charter – To promote, raise awareness, and enhance the Circular Glasgow movement within the city.	GCC, Chamber of Commerce, Sustainable Glasgow	<p>The Council relaunched the Charter in 2023 with the aim to encourage commitment. Seven additional businesses have signed up to the Charter in 2023. This includes 37 major signatories with a further 3 lined up. Sustainable Glasgow continues to invite organisations to sign up to the Charter.</p> <p>The Ellen MacArthur Foundation review in September 2023, recognises that the Charter has great potential to drive action, gain insights and inform new policy. Work is ongoing to incorporate principles of circularity into the Charter.</p> <p>This action has been identified as a priority. It relates to Action 7 which aims to create circular forums to engage actors and communicate CE opportunities, challenges and progress. It also relates to Action 3 which aims to create partnerships and collaboration as this is vital to the circular transition.</p>		<p>It is proposed that Actions 1 & 3 & 7 are combined to form the consolidated action: "Engagement".</p> <p>Priority area: "Engagement, Communication and Skills"</p>
2	Monitoring and Evaluation – Develop metrics and indicators to assess circularity in the city.	GCC, ZWS	Zero Waste Scotland is currently working to develop a national monitoring framework for the circular economy at national level as part of the Scottish Government's Circular Economy and Waste Route Map to 2030. Work is ongoing to understand how		It is proposed that this action remains ongoing in its current form, as action:

			<p>indicators and the monitoring framework can be scaled down to support monitoring and progress evaluation at local scale.</p> <p>This action has been identified as a priority.</p>		<p>"Circular Economy Indicators".</p> <p>Priority area: "Monitoring and Evaluation"</p>
3	<p>Collaboration – Continue to form global, European, National and regional metropolitan partnerships and alliances in order broaden influence towards a more circular economy.</p>	<p>GCC, Glasgow City Region, ZWS, Sustainable Glasgow</p>	<p>Since the publication of the Circular Economy Route Map, Glasgow City Council have built lasting partnerships at local, national, and international levels to support learning and influence action towards the circular transition. These include ongoing partnerships with: Ellen MacArthur Foundation, Carbon Neutral Cities Alliance, ICLEI, Circular Cities Declaration, and Zero Waste Scotland.</p> <p>The Circular Economy Working Group, led by the Sustainability team, including representatives from across the Council family, ALEOs and stakeholders across the city, was also launched in January 2024 with the aim to drive collaborative action and delivery of circular economy in the city.</p> <p>Collaboration and engagement have been identified as key in delivering action across the city and enabling the circular transition. They are key functions of the Council and can run throughout the Circular Economy Action Plan to add value to activities and projects.</p> <p>GCC is currently progressing actions and programs aimed at addressing the climate emergency through the Climate Plan, one key aspect of which is to embed circular economy principles across the city. There is therefore a close link with Climate Engagement. NRS Sustainability is currently developing a Climate Engagement Framework and CE engagement will align to the approach.</p>		<p>It is proposed that Actions 1 & 3 & 7 are combined to form the consolidated action: "Engagement".</p> <p>Priority area: "Engagement, Communication and Skills"</p>

			This action relates to Action 1 through which the Glasgow Sustainability Charter has been created to engage with organisations across the city and drive collaboration towards achieving net zero. It also relates to Action 7 which aims to create circular forums to engage stakeholders and actors and communicate opportunities, challenges, and progress towards a circular city.		
PLANNING					
4	Circular Construction Statement – Create a circular construction framework for all construction projects within the city, including the implementation of a “Circular Economy Statement”. This should include consideration of: <ul style="list-style-type: none"> • Developing a municipal material passport catalogue for all public construction works. • A pledge to never demolish another building. 	GCC, Chamber of Commerce, ZWS, SEPA, LWARB	<p>Work is ongoing for a Circular Construction Statement for Glasgow. The Carbon Neutral Cities alliance commissioned One Click LCA to conduct a life cycle assessment of embodied carbon associated with two new buildings in Glasgow. Findings have informed evidence gathering for the City Development Plan 2.</p> <p>National Planning Framework 4 provides a suite of recommendations that define circular methods for consideration in construction and in planning controls. In June 2024 Glasgow City Council published the Evidence Report which establishes a baseline of evidence that the Planning Authority will use to produce City Development Plan 2. Recommendations are expected to be drawn down into the local City Development Plan by the end of 2024 and will impact on a circular construction framework.</p> <p>This action has been identified as a priority.</p>		<p>It is proposed that this action remains ongoing in its current form, as action: "Circular Construction".</p> <p>Priority area: "Built and Natural Environment"</p>
5	Reuse of Construction Materials – Investigate opportunities to develop a system for the city-wide recovery and reuse of materials. This will include providing storage facilities for reclamation materials for	GCC, Chamber of Commerce, ZWS, SEPA	Zero Waste Scotland commissioned ARUP in 2023 to carry out a feasibility study for a construction material reuse hub (CMRH) in Glasgow. The report, gathering evidence from local and national stakeholders, investigated potential opportunities and suitability of different types of CMRH in Glasgow, including digital platforms and physical		It is proposed that Actions 5 & 16 are combined to form the consolidated action: "Construction Material Reuse Hubs".

	construction purposes within the city limits.		<p>spaces. It also identified key operational challenges and considerations for developing and operating a CMRH. A set of recommendations were provided.</p> <p>As a next step, the report has informed an approach to material flow analysis to better understand the movement of construction materials in Glasgow. The Sustainability team is working with Cities4Forests, through the Partner Forest Program, on a construction wood material flow analysis project with the aim to support future circular policy and implement best circular practice in construction. Findings will feed into the process of developing a CMRH in Glasgow.</p> <p>This action has been identified as a priority. It also relates to Action 16 which aims to create digital platforms for material and product reuse in order to support the flow of materials and products across the city.</p>		Priority area "Circular Markets"
6	CIRCult Project – Provide updates and learning outcomes from knowledge gained through participation in the CIRCult Horizon 2020 EU project.	GCC, LWARB	<p>The Circular Construction in Regenerative Cities (CIRCult) project was a collaborative project that ran from 2019-2023. CIRCult worked to bridge the gap between theory, practice, and policy in circular construction showcasing how such practices could be scaled and replicated across Europe to enable cities to build more sustainably and transition to a circular built environment.</p> <p>Glasgow followed the project, gathering information from ReLondon around reuse material flows (especially steel), embodied carbon life cycle assessments, and circular planning targets. CIRCult reached its conclusion in September 2023. CIRCult's City Network partners, including representatives from Glasgow City Council, attended a range of presentations and panel discussions</p>		Complete

			<p>disseminating all the findings and outcomes of the project.</p> <p>CIRCulT outcomes informed the basis for the Cities4Forests Wood Material Flow Analysis. They will also be further disseminated and communicated to Glasgow stakeholders through the Circular Construction Forum which is expected to launched end of 2024.</p>		
7	<p>Circular Forums – Host a series of Forums to support collaboration, knowledge, and best practice in a series of sectors including:</p> <ul style="list-style-type: none"> • City Construction Forum – Support knowledge exchange and upskilling of architects, designers and contractors, to construct and design whilst prioritising the reuse of materials through modular planning, diagnosis, sorting and recovery of site resources. • Circular Textiles Forum – reform the city's approach to clothing supplies and textile waste. Incentivising alternative models to alleviate the impact of the forthcoming 2025 landfill ban. 	<p>GCC, Chamber of Commerce, ZWS, SEPA, Ellen McArthur Foundation, LWARB, Keep Scotland Beautiful, WRAP</p>	<p>Work was undertaken previously with the support of the Ellen MacArthur Foundation, Circular Glasgow and the Chamber of Commerce on scoping of a Circular Construction Forum. NRS Sustainability has further progressed the detailing of the scope and terms of reference. The intention is for a Circular Construction Forum to be launched in 2024.</p> <p>Work has been previously undertaken to scope a Circular Textiles Forum, including stakeholder engagement. This has been paused due to capacity constraints.</p> <p>City-wide forums are key in communicating progress, best practice, celebrating success, funding mechanisms, opportunities and challenges and engaging stakeholders to drive collaborative action. Communication, engagement and collaboration have been identified as a priority.</p>		<p>It is proposed that Actions 1 & 3 & 7 are combined to form the consolidated action: "Engagement".</p> <p>Priority area: "Engagement, Communication and Skills"</p>
PRODUCTION					
8	<p>Remanufacturing – Support and develop the remanufacturing sector across the city.</p>	<p>GCC, ZWS</p>	<p>Work is ongoing to investigate how to support organisations and businesses of various sizes with circular economy focus. In Glasgow, the manufacturing sector has been identified as one of the three key sectors of economic importance.</p> <p>Remanufacturing along with sharing and reuse, repair, and recycling form the closed loops that can</p>		<p>It is proposed that Actions 8 & 9 & 10 are combined to form the consolidated action: "Reduce, Reuse, Repair, Remanufacture and Recycle Practices".</p>

			enable materials to stay in circulation at their highest value. Several circular processes often utilise many of these practices to maximise material retention and resource efficiency. As such, this action relates to Action 9, which aims to support the development of the repair sector, and Action 10, which aims to support the development of the reuse and sharing sector.		Priority area: "Circular Practices (5Rs)"
9	Repair/maintain – Support and develop the repair and maintenance of products with a set of initiatives targeting reskilling and material sharing.	GCC, Chamber of Commerce, ZWS, Scottish Government	<p>There are several ongoing repair and maintenance activities led by stakeholders across Glasgow. Community Calling is a partner campaign between environmental charity Hubbub and Virgin Media O2, which has operated over four years. The campaign collects and rehomes working, secondhand smartphones through the Community Calling Project. Over four years, Hubbub have distributed phones to 83 organisations, charities and community groups in Glasgow, including: DIFFERabled Scotland, Glasgow Afghan United, Glasgow Women's Aid, North West Glasgow Voluntary Sector Network, The Dixon Community Glasgow South East Carers Centre and Glasgow City Council- Neighbourhoods, Regeneration & Sustainability team.</p> <p>In collaboration with OVO Energy Solutions, Hubbub has been working with two streets in Kelvindale on the Big Street Upgrade project. The project aims to support residents to make collective street-wide improvements to their homes. The ambition of the trial is to test the benefits of retrofitting homes alongside your neighbours, through building confidence and potentially unlocking grants and other funding. A number of households have gone ahead with retrofit works.</p> <p>Repair is an integral circular economy strategy and from a just transition lens, repair also offers valuable</p>		<p>It is proposed that Actions 8 & 9 & 10 are combined to form the consolidated action: "Reduce, Reuse, Repair, Remanufacture and Recycle Practices".</p> <p>Priority area: "Circular Practices (5Rs)"</p>

			skill development and employment opportunities in cities.		
10	Reuse and Sharing – Support and develop the reuse and sharing sector. Promote the benefits of reuse and support local actors.	GCC, ZWS, Scottish Government, Warp It, HUBBUB	<p>There are several other reuse and sharing activities across the city. Created by Hubbub, the Community Fridge is a space that brings people together to share food, meet up, learn new skills, and prevent fresh food from going to waste. They are open to all and anyone can share or take food. Anyone can set up a community fridge and Hubbub's resources are open and accessible to everyone through the Community Fridge Network.</p> <p>Work is ongoing for the development of reuse hubs with a focus on construction materials and household/textile items. This element of reuse is addressed by the "Circular Markets" priority area and will be reported under that.</p> <p>Reuse and sharing are an integral circular economy strategy and from a just transition point of view, reuse can help build climate resilient communities.</p>		<p>It is proposed that Actions 8 & 9 & 10 are combined to form the consolidated action: "Reduce, Reuse, Repair, Remanufacture and Recycle Practices".</p> <p>Priority area: "Circular Practices (5Rs)"</p>
11	Packaging and Waste Reduction – Support and promote the reduction of disposable packaging use, aligned to Extended Producer Responsibility.	GCC	<p>The baseline waste audit has been paused due to resourcing issues. Across Scottish Local Authorities, the current approach to monitoring waste is to estimate quantities of waste processed. Work is underway to estimate council-based waste generation.</p> <p>This action relates to Action 24 which aims to create a baseline for circular procurement for the Council.</p>		<p>It is proposed that Actions 11 & 24 are combined to form the consolidated action: "Baseline".</p> <p>Priority area: "Monitoring and Evaluation"</p>
PEOPLE					
12	Open and Accessible Estate – Support the opening of vacant and unused GCC estate/GCC property portfolio in order to provide space for circular innovation and start-ups with rent and rates amnesties to invigorate local action.	GCC, City Property, GCC, ZWS, Scottish Enterprise, Scottish Government	Glasgow City Council works to activate vacant and derelict land (VDL) through several strategies and plans. The Community Assets and Vacant and Derelict Asset Plans 2019 to 2029, as part of the Property and Land Strategy 2019-2029 , work to address the potential blight, cost and missed opportunity that vacant and derelict properties and		It is proposed that Actions 12 & 13 & 14 are combined to form the consolidated action: "Support for CE businesses and organisations".

	<p>This will include consideration of Community Innovation Hubs to support and promote the establishment of community incubators throughout Glasgow, which will foster new initiatives by providing premises and facilities.</p>		<p>land can represent. The Open Space Strategy identifies the potential of VDL for food growing and tree planting.</p> <p>An initial audit was carried out in 2022 and several sites were identified with circular economy organisations interested in relocating and utilising. However, no sites were activated.</p> <p>Moving forward, a review of how the council can support CE organisations, whether that is through premises provision, financially or in kind, will be carried out to identify the most effective support mechanism. This action relates to Action 13 which aims to support CE organisations through a financial support fund. It also relates to Action 14 which aims to support fledging CE organisations.</p>		<p>Priority area: "Circular Practices (5Rs)"</p>
13	<p>Circular Kick Starter Fund – Create an annual financial support fund for circular economy start-ups, providing seed funding, advice and connections.</p>	<p>GCC, Business Gateway, ZWS</p>	<p>As a part of Glasgow's Green Deal, Glasgow City Council has introduced the Green Business Grant and a program of targeted Green Business Support for small and medium-sized enterprises. The Green Business Grant offers eligible businesses a non-repayable grant of up to £10,000 to fund up to 50% of the total cost of a project and is expected to support a variety of businesses including those engaging in circular economy activities, such as waste reduction, re-processing of waste, and closing the loop on resources.</p> <p>Providing support to businesses and organisations remains a priority. This action relates to Action 12 which aims to support CE businesses through the provision of space and unused land. It also relates to Action 14 which aims to provide shelter to CE businesses and organisations that are fledging. All actions aim to provide support (in kind, by opening up unused space and in kind) to CE organisations.</p>		<p>It is proposed that Actions 12 & 13 & 14 are combined to form the consolidated action: "Support for CE businesses and organisations".</p> <p>Priority area: "Circular Practices (5Rs)"</p>

14	Grassroots Circular Project Support – Providing an element of shelter to those circular projects that are fledgling and may not survive without additional support.		<p>Small businesses in Glasgow can access support from Glasgow City Council's Glasgow Business Growth Programme. The Programme is funded by the UK Shared Prosperity Fund and will be delivered by the Business Growth Team within the Council's Economic Development team. The Programme helps SMEs to access a network of expert consultancy support. It brings together public, private, education and third sectors across, to develop a package of support for businesses in Glasgow.</p> <p>Providing support to businesses and organisations remains a priority. This action relates to Action 12 which aims to support CE businesses through the provision of space and unused land. It also relates to Action 13 which aims to provide financial support. The Council is working towards mapping CE activity in the city and identifying challenges and potential support.</p>		<p>It is proposed that Actions 12 & 13 & 14 are combined to form the consolidated action: "Support for CE businesses and organisations".</p> <p>Priority area: "Circular Practices (5Rs)"</p>
15	Last Mile Delivery – Support and develop a "Last mile low-carbon delivery system" into the city centre.	GCC, Chamber of Commerce, ZWS, Scottish Government, ECOSTARS	Feasibility of a "last-mile delivery system" has been carried out. Glasgow's Transport Strategy identifies potential areas for last mile delivery services. However, delivery services or freight consolidation centres are not within the Council's remit but rather in private control. As an example, Amazon operate a warehouse in the East of Glasgow and have purchased cargo bikes to benefit from the synergies with Glasgow's 270km bike network. Moving forward, the Council can support businesses to achieve low-carbon last mile deliveries, but this action is not feasible to be led or delivered by Glasgow City Council.		Complete
PRIVATE					
16	Facilitate Closed Loop Circularity – Develop potential linkages across the business community by opening up data on waste streams with a	Chamber of Commerce, GCC, ZWS, Business	Work is ongoing on the development of platforms for the reuse of materials. Feasibility on reuse markets investigated both physical and digital platforms for the effective reuse of materials across the city. Initial		It is proposed that Actions 5 & 16 are combined to form the consolidated action:

	view to creating closed loop material and waste flows in the city.	Gateway, Scottish Enterprise	<p>findings suggest that a hybrid model of both physical and digital markets would be preferable.</p> <p>This action is therefore closely linked to the development of material reuse hubs and will be progressed in tandem with physical hubs. It should therefore be considered as part of the circular markets' development. Specifically to construction, this action relates to Action 5, which aims to develop a Construction Material Reuse Hub.</p>		<p>"Construction Material Reuse Hubs".</p> <p>Priority area "Circular Markets"</p>
17	Circular Events – Develop a fuller understanding of the material and waste streams associated with events. This will also comprise an assessment of carbon impact.	Chamber of Commerce, GCC, ZWS Keep Scotland Beautiful Glasgow Marketing Bureau	<p>GCC have outlined a 3-year plan to reduce the environmental impact of Glasgow Life events and park events. The plan includes commitments from NRS Sustainability, NRS Parks and Major Events and Glasgow Life.</p> <p>In 2024/25, NRS Sustainability and NRS Parks and Major Events have developed environmental guidance for events across Glasgow and updated the Conditions of Let for events to minimize their environmental impact and report on emissions impacts. The Conditions of Let and emissions reporting framework will be rolled out across a 3-year period. In 2024/25 they will be implemented for major events (capacity >20000). The intention for 2025/26 is to progress to medium events (5,000-20,000), and 2026/27 for small events (>5,000).</p> <p>Glasgow Life are currently developing a Sustainable Events Action Plan that aims to reduce the environmental impact of their core events. An update of this work will be presented to the Net Zero and Climate Progress Monitoring City Policy Committee in September 2024.</p> <p>This action remains a priority. It relates to Action 5 and 19 of the Plastic Reduction Strategy (PRS) Action Plan aiming at engaging businesses, events</p>		<p>It is proposed that Action 17 & Plastic Reduction Strategy Action 5 & Plastic Reduction Strategy Action 19 are combined to form the consolidated action: "Circular Events".</p> <p>Priority area: "Circular Practices (5Rs)"</p>

			and venues across the city to reduce single use plastic consumption. These PRS actions form and integral part of Circular Events.		
18	<p>Food and Drink – Develop a city-wide scheme supporting those business that support sustainable, healthy, low carbon and local produce, as part of a resilient city Covid-19 response.</p> <p>Glasgow through the actions in this plan, will also commit to contributing to the Scottish Government food waste target to reduce Scotland's food waste by a third by 2025.</p>	Chamber of Commerce, GCC, ZWS	<p>Glasgow Centre for Population Health have launched 'Full of Beans', a collaborative campaign between Glasgow Food Policy Partnership and Glasgow Community Food Network with the aim to promote greater consumption of beans and pulses as part of a healthy, planet-friendly diet in Glasgow. GCC are partnering with Food for Life Scotland to increase provision of beans in school menus. The aim is for simple bean recipes to feature on secondary menus launching in August 2024 and primary menus in April 2025.</p> <p>City Property support the sale of local produce by operating two farmers markets in Manfield Park, Partick and Langside Hall, Shawland.</p> <p>Fronted by Glasgow Chamber of Commerce, through its Circular Glasgow initiative, and in partnership with Glasgow Life, Zero Waste Scotland and the 2023 UCI Cycling World Championships, the Grounds for Recycling initiative was launched in June 2023. Based on insights from the original Plate up for Glasgow campaign, the initiative supported over 60 of Glasgow's cycle-friendly coffee hangouts and local roasters to join forces and turn used coffee grounds into soil improver, using directly throughout the Glasgow Botanic Gardens park. A legacy petition has been created to support the campaign legacy plan dedicated at finding innovative ways to repurpose coffee grounds.</p> <p>Support for sustainable, healthy, low carbon and local produce is embeded in GCC's Food Growing Strategy and the Glasgow City Food Plan. As part of the Glasgow City Food Plan Priorities 2023-2026,</p>		Complete

			<p>the Glasgow Food Policy Partnership are setting up a Catering and Food Procurement Working Group, which aims to increase locally sourced, sustainable food in public sector catering.</p> <p>Any further initiatives that relate to implementation of low carbon, sustainable and circular practices in food and drink production will be reported under the "Circular Practices" priority area.</p>		
19	<p>Reskilling and Upskilling our Circular City (RUCC) Programme – Creating capacity through the delivery of partnership projects with business, community and public sector to provide training and reskilling in the guiding principles and building blocks of the circular economy.</p>	<p>Chamber of Commerce, ZWS, GCC Education, HEFE sector, Skills development Scotland (SDS), SNOOK, Sustainable Glasgow</p>	<p>Step Up to Net Zero is an initiative supporting Glasgow SMEs to reach net zero by funding six-month work placements that will help organisations take action towards net zero and circular goals. The initiative is fully funded by Glasgow City Council and the UK Shared Prosperity Fund and delivered by Glasgow Chamber of Commerce. It offers opportunities for Glasgow's workforce to be upskilled/reskilled on the net zero and circular economy agenda and provides participants with real industry experience, external mentoring support and training opportunities across the placement. The programme ran between September 2022 and August 2023, with 40 individuals embedded in 39 organisations. An impact report of Phase 1 was presented to the Net Zero and Climate Progress Monitoring City Policy Committee in April 2024. Phase 2 of the initiative is currently running, with 29 businesses having been accepted to the programme.</p> <p>Zero Waste Scotland published the Future of Work report in February 2023, a baseline Employment Analysis and Skills Pathways for the Circular Economy in Scotland. ZWS is leading the development of a Green Internship Scheme as part of the Climate Emergency Skills Action Plan. This scheme aims to increase awareness and knowledge of net-zero and the circular economy, develop green</p>		<p>It is proposed that this action remains ongoing, as action: "Circular Economy Skills".</p> <p>Priority area: "Engagement, Communication, Skills".</p>

			<p>skills and provide work experience opportunities for young people and graduates. ZWS have also developed continual professional development (CPD) resources and training modules in several CE topics.</p> <p>This action remains a priority. It also relates to upskilling and reskilling elements in other actions. However, there are no current plans for a Reskilling and Upskilling our Circular City (RUCC) Programme. The Council continues to pursue opportunities to collaboratively support the development of skills for the circular economy.</p>		
PUBLIC					
20	City Doughnut – Develop a detailed analysis of Glasgow's social and ecological boundaries.	GCC, ZWS	<p>Working in partnership with the Doughnut Economics Action Lab, C40 Cities, and GALLANT, the Thriving Glasgow City Portrait was launched in November 2023, also referred to as the Glasgow Doughnut. The City Portrait presents a vision for the future of a greener, fairer, prosperous Glasgow. It downscales to the city-level the global principles of Doughnut Economics by considering what would it mean for Glasgow to thrive within planetary boundaries through four lenses: 'local-ecological', 'local-social', 'global-ecological' and 'global-social'. The City Portrait aims to inspire future collaboration and action.</p> <p>To develop a definition of thriving for each dimension, GALLANT collaborated with over 130 public servants, City Councillors, academics, community members of different ages, social enterprises, commercial entities, and scientists from multiple sectors across a series of 5 workshops.</p> <p>Development of indicators to monitor progress against each definition is ongoing.</p>		Complete

21	Circular Energy and Carbon Reduction – Ensure that projects emerging in the forthcoming Local Heat and Energy Efficiency strategy (LHEES) support and encourage circularity principles.	GCC, ZWS, Scottish Government	<p>Glasgow's LHEES has outlined ambitions to accelerate the deployment of district heating at scale and pace across the city. Through using energy more efficiently than individual heating systems, district heating reduces the aggregate heat requirement across those buildings connected and is therefore supportive of circular principles as they relate to energy consumption.</p> <p>In addition, district heating has the ability to utilise sources of surplus or waste heat, making use of resources that would otherwise be wasted. In this respect, through the LHEES Glasgow is exploring the use of sources of waste heat such as (i) energy from waste (EfW) plants (ii) wastewater (iii) disused mineworking and (iv) heat from industrial processes such as distilleries.</p> <p>This action has been identified as a priority and the council will continue to work towards embedding circularity considerations in infrastructure.</p>		<p>It is proposed that this action remains ongoing in its current form, as action: "Infrastructure".</p> <p>Priority area: "Built and Natural Environment"</p>
22	Circular Education – Promote the concept of circularity, sustainability and responsible consumption to young people.	GCC Education, ZWS, Young Enterprise Scotland, Education Scotland, Developing the Young Workforce	<p>Swap shops have been widely supported by schools, relating to environmental and cost of living crisis concerns among schoolchildren. Many schools in Glasgow have introduced swap shops for items including school uniforms, 'prom pop up shops' and toys exchange. Schools are encouraging the use of reusable water bottles instead of single-use plastic bottles. Examples of best practice are shared through book creator/Learning for Sustainability resource. Matters of global citizenship, sustainable development education, sustainable consumption and outdoor learning are embedded in the Learning for Sustainability program.</p> <p>Within Glasgow City Council, work is ongoing on the development and relaunch of the Climate Literacy Course in GOLD. The course will be available</p>		Complete

			<p>throughout the council family. A Circular Economy reference will be included in the resource.</p> <p>The Council will continue to support education providers to embed the principles of circularity into young learning.</p>		
23	Sustainable and Circular Procurement – Review the existing internal sustainable procurement working group to ensure this is fit for purpose. This should work to evaluate and determine how best to embed key principles of sustainability and circularity into current procurement procedures.	GCC, ZWS, LWARB	<p>GCC's Corporate Procurement Unit (CPU) published Glasgow City Council's Sustainable Procurement Strategy for 2023-2027. One of the Strategy's key objectives is to support the Council's Net Zero, Ecological and Adaptation ambitions by continuing to utilise circular economy principles throughout the procurement process. The strategy pays specific reference to the need for single use plastic reduction and takes into consideration the Plastic Reduction Strategy.</p> <p>The Sustainable Procurement Working Group has been reestablished, led by CPU. The first meeting took place in April 2024. This will allow a renewed focus on embedding sustainability in the procurement workplan and agree on frameworks that can have a targeted focus on Circular Economy and other sustainable and climate related targets.</p> <p>GCC's Corporate Procurement Unit also participated in the peer-to-peer learning project with the Ellen MacArthur Foundation Partner City Network. This work culminated to the publication of a circular public procurement framework for cities.</p> <p>Procurement has been identified as a key area where the Council can affect change. This action relates to Action 15 of the Plastic Reduction Strategy (PRS) Action Plan aiming at ensuring plastic reduction is embedded in procurement policy.</p>		<p>It is proposed that Action 23 & Plastic Reduction Strategy Action 15 are combined to form the consolidated action: "Circular Public Procurement".</p> <p>Priority area: "Procurement"</p>
24	Sustainable and Circular Procurement Baseline – Work to	GCC, NRS Sustainable	<p>Work to identify opportunities to measure carbon related to procurement activities is progressing. The</p>		<p>It is proposed that Actions 11 & 24 are</p>

	undertake a mapping exercise of procurement activity across the Council family. This will generate a baseline of current sustainable practice and identify opportunities for securing the largest impact.	Procurement Working Group	<p>Council has developed a tool to help reduce single use plastic usage which can also constitute a first step to measuring consumption and carbon emissions related to procurement activity. Opportunities to expand this tool are currently under assessment.</p> <p>This action relates to Action 11 which aims to measure council-based waste production with the view to reduce emissions. Both actions aim to create a baseline of activity, which is an integral part in developing a circular economy monitoring and evaluation framework. This has been identified as a priority.</p>		<p>combined to form the consolidated action: "Baseline".</p> <p>Priority area: "Monitoring and Evaluation"</p>
25	<p>Biodiversity and Ecological Emergency Work – support greening of unused vacant and derelict land to create carbon sinks and open space up for community enterprise.</p> <p>Empower communities and education groups to expand biodiversity learning and practical application to support upskilling, innovation and enterprise.</p>	GCC	<p>The Scottish Government Vacant and Derelict Land (VDL) Fund has supported several Glasgow initiatives aimed at greening unused vacant and derelict land. In August 2023, as an example, funds were allocated to NRS Greenspace and Biodiversity to bring into operation the 'Glasgow Tree nursery' for a local social enterprise, to 'Greyfriar's Garden' to create a community and food growing garden on High Street, and to Maryhill Housing Association and Transforming Communities: Glasgow towards the development of the North Maryhill TRA, which includes green infrastructure improvements and the creation of a community growing space.</p> <p>In 2023, GCC launched a Climate Ready Apprenticeship Programme, a 3-year programme where young people will learn all aspects of horticulture and contribute to the future development of Glasgow's parks and greenspaces. The apprenticeship programme aims to support new generation of greenspace professionals to maintain new woodlands in line with changing industry requirements.</p>		<p>It is proposed that this action remains ongoing in its current form, as action: "Natural Environment".</p> <p>Priority area: "Built and Natural Environment"</p>

			<p>The Open Space Strategy identifies the potential of VDL for food growing and tree planting. The strategy aims to significantly increase the number of trees within the city over the next 5 years and to assess the potential of the City's open spaces and vacant/derelict land for carbon sequestration. This is also reflected in Glasgow's Forestry and Woodland Strategy which specifically targets tree planting in VDL. Glasgow's Food Growing Strategy identifies "stalled" spaces as an option for community food growing and aims to further support such projects and activities.</p> <p>This action has been identified as a priority.</p>		
26	<p>Just Transition – Ensure that the principles of the Just Transition are included in any key circular action to enact a positive impact.</p>	<p>GCC, Scottish Government, Trade Unions, Common Weal</p>	<p>Significant progress has been made in developing the principles of the Just Transition and embedding these into action in Glasgow.</p> <p>Glasgow's Just Transition Working Group Recommendations Report was published in 2023. The report considers a number of key themes around the role of local and national government in the Just Transition, the responsibilities of the private sector, and the implications of the transition for citizens, communities and workers. The working group was represented by a cross-party group of Councillors and received input from industry and community representatives. The report outlined 18 recommendations for Glasgow City Council, its partners, and Glasgow's communities to work together on delivering a just transition.</p> <p>The subsequent Just Transition Implementation Plan 2024 builds on the recommendations report, detailing how the recommendations of the Working Group will be delivered and monitored.</p>		Complete

			<p>Additionally, Glasgow's Just Transition Skills Action Plan 2023 outlines an approach to preparing Glasgow's workforce for the transition to a net zero and climate resilient economy through supporting the development new skills, reskilling and upskilling.</p> <p>As part of any project and policy development process and governance, equality and socio-economic impacts are identified through the Equality Impact Assessment. Climate impact consideration has also been piloted in May 2023 identified through the Climate Change Impact Assessment. These mechanisms can help ensure a fair transition to circular Glasgow.</p>		
27	<p>Healthcare – Following from the original recommendations of the Glasgow Circle Scan report, develop and support more circular practices in this sector.</p>	<p>GCC, NHSGGC, Chamber of Commerce, ZWS, SEPA, Scottish Government</p>	<p>A new Sustainability Strategy has been published by NHS Greater Glasgow and Clyde in August 2023, continuing its efforts to tackle the climate emergency and works towards its net zero goals. The Strategy sets out medium term objectives for the period of 2023-2028, a pathway towards net zero heat Greenhouse Gas (GHG) emissions by 2038 and an overall position of net zero GHG emissions by 2040. Circular economy is at the heart of the strategy, with one of the key aims being to embrace a circular approach to procurement, including enhanced re-use where possible and reducing waste and pollution within operational activities.</p> <p>The Council will continue to support NHS GGC through appropriate channels, led by NHS.</p>		Complete
28	<p>Social Economy Vision – Support and encourage a culture where the city council plays the combined part as employer, commercial partner, investor and enabler within the city economy.</p>	<p>GCC</p>	<p>Building a compelling case to depict Glasgow as a circular city in 2045, where the Council plays the combined role of employer, partner, investor, and enabler is key in progressing the circular economy transition. Storytelling, engagement and communication is an important aspect of this.</p>		<p>It is proposed that Actions 28 & 29 & 30 are combined to form the consolidated action: "Communication".</p>

			This action relates to Action 29 which aims to create an online platform for circular communication. It also relates to Action 30 which aims to create a Circular Economy Communication Strategy.		Priority area: "Engagement, Communication and Skills"
29	Circular City Platform – Support proactive citywide circular action, by the creation of an online circular platform to connecting all the organisations and individuals across Glasgow.	GCC	<p>Work is ongoing to map circular economy activity in the city. This work will feed into the feasibility and scoping of a digital circular platform to connect organisations, share case studies and knowledge, celebrate success and share Glasgow's story towards becoming circular.</p> <p>This action relates to Action 28 which aims to support a social, circular economy vision for Glasgow, position the Council as an enabler, partner and promoter. It also relates to Action 30 which aims to create a communications strategy to raise awareness of CE across the city.</p>		<p>It is proposed that Actions 28 & 29 & 30 are combined to form the consolidated action: "Communication".</p> <p>Priority area: "Engagement, Communication and Skills"</p>
30	Circular Economy Communications Strategy – Develop an ongoing communications campaign to raise awareness of the circular economy, impart knowledge and understanding to impact behaviour change and consumer choice.	GCC, ZWS	<p>Information and news about circular economy projects, funding and initiatives are regularly promoted on the council's social media networks and in the internal newsletters.</p> <p>NRS Sustainability is currently developing a Climate Engagement Framework. The Circular Economy Communication Strategy will align with the Framework to ensure consistency of the engagement approach, communication, and overall messaging. The creation of CE Communication Strategy will be further scoped following the development of the Climate Engagement Framework, currently expected to be completed by end 2024.</p> <p>Communication, engagement, and collaboration have been identified as a priority. This action relates to Action 28 which aims to support a culture where the city council plays the combined part as employer, commercial partner, investor, and enabler within the</p>		<p>It is proposed that Actions 28 & 29 & 30 are combined to form the consolidated action: "Communication".</p> <p>Priority area: "Engagement, Communication"</p>

			city economy by communicating case studies, opportunities, and best practice. It also relates to Action 29 which aims to create a communication platform for circular economy.		
31	COP 26 – Arts and culture challenge to create artwork that is a city response to the climate change conference incorporating circularity.	GCC, Creative Scotland, COP26 Delivery Group	<p>Glasgow Life Arts music and Cultural venues ran its 3rd iteration of the Artist in Residence programme (now termed Artists in Communities) between October 2021 and Summer 2022. This was done with additional funding from Bloomberg which supported a COP26 focused Create 4 Glasgow Programme. Two further iterations of the programme run after the COP26 themed iteration which have had sustainability themes, with the most recent iteration (October 2023 – May 2024) being supported by GCC's Green Economy fund.</p> <p>ReSet Scenery is an established Community Interest Company (CIC), supporting the transition towards cleaner, greener productions.</p> <p>This action related to COP26 activities, with an update presented to Environment, Sustainability and Carbon Reduction City Policy Committee in February 2022. Following completion of COP26, no annual challenge has been established.</p>		Complete