Item 2

8th February 2023

Glasgow City Council

Operational Performance Delivery and Scrutiny Committee

Report by Chief Executive's Department

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CLIMATE CHANGE IMPACT ASSESSMENT (CCIA)

Purpose of Report:

To update Committee on approach for developing Glasgow's Climate Change Impact Assessment (CCIA) following its presentation to the Net Zero Committee in January 2023. To highlight to members the future role of this Committee in scrutinising reports within the framework of a developing Climate Change Impact Assessment

Recommendations:

a) Committee notes the proposed Methodology
b) Committee notes the indicative timescale for delivery.
c) Note that the Committee will be informed of future progress and implementation of the Climate Change Impact Assessment (CCIA) relevant to performance monitoring.

Ward No(s): Citywide: ✓

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

***PLEASE NOTE THE FOLLOWING**:*

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1 Introduction

1.1 The purpose of this report is to provide an update to committee on the development of the Climate Change Impact Assessment (CCIA) methodology and proposed implementation, after it had been presented to the Net Zero Carbon Committee in January 2023.

1.2 It is proposed that the Climate Change Impact Assessment (CCIA) is a mandatory process which all services and ALEOs should follow when submitting major policy development proposals to committee. The methodology aims to assess and reflect on how policies, projects, services, functions, or strategies, impact on climate change and the city's ability to achieve our 2030 vision.

1.3 It is therefore critical that OPDSC have the opportunity to see the development of the Climate Change Impact Assessment and the tools associated with in order to better understand the related and emerging areas of scrutiny with regard to performance against Climate orientated measures; and to note any areas of inter

1.4 The next sections of the report describe the policy background, proposed methodology and next steps.

2 Background

2.1 In 2019 The Council recognised the scale of the global climate challenge by declaring a Climate and Ecological Emergency. In 2021, the city then published its Climate Plan, setting out key actions required to achieve our vision and targets for 2030.

2.2 Our ambitious vision for 2030 includes a target for achieving net zero carbon emissions, while addressing key impacts of our changing climate, such as increased risk of flooding or overheating, as well as existing health and socio-economic inequalities. The Climate Plan, framed by the UN Sustainable Development Goals, includes a firm commitment to promoting a Just Transition to a net zero, climate ready city.

2.3 This report addresses Action 10 within the Climate Plan, which is the commitment to develop and implement a Climate Change Impact Assessment (CCIA).

3 Developing the Methodology

3.1 The Climate Change Impact Assessment (CCIA) seeks to assess and reflect on how policies, projects, services, functions, or strategies, impact on climate change and the city's ability to achieve our 2030 vision.

3.2 According to OECD analysis[1], there are three key elements needed for a robust strategic framework for green budgeting: an overarching climate and environmental strategy, a clear political or legal commitment to green budgeting, and organisational clarity as to how this can be delivered.

3.3 The CCIA methodology and process developed for Glasgow City Council address the policy and strategy aspect highlighted above and will run in parallel to the green budget tagging process, albeit independently.

3.4 The CCIA builds on the successful implementation of the Equality Impact Assessment (EQIA) and was developed to provide a framework for decision making which focuses on our local and global climate impacts.

3.5 The methodology is aligned with the global, national and local agendas, from the UN Sustainable Development Goals (SDGs) to National performance Framework 4, The Scottish Climate Change Act, Glasgow's Climate Plan, and it's Strategic Plan. As noted at Committee in November; the SDGs are anticipated to form a key part of the developing framework for performance monitoring of the Strategic Plan and will allow us to link performance more effectively to Climate considerations and to the National Performance Framework itself.

3.6 It is important that the CCIA adopts a systemic approach, looking to effectively support the achievement of net-zero carbon emissions and climate resilience, while also addressing challenges such as poverty, inequality and biodiversity decline. This will require that CCIA is not limited to exclusively to Carbon specific considerations; but is deployed across key decision making in all Services; mirroring the approach of the EQIA, and allowing Services to highlight areas of climate interest; where direct carbon calculation may not yet be available.

3.7 The methodology, found in appendix A, is a part of a wider suite of tools and approaches being implemented by the city council, including Green Budget tagging and carbon budgeting. It informs and influences decision making in relation to our local, national and global aspirations. It follows a three phased approach:

- **First Phase**: Mapping the impact the proposal has on local governance - the implementation of the UN Sustainable Development Goals within the City and addressing the Grand Challenges set out in the Strategic Plan.

- **Second Phase**: Analysing the impact the proposal is likely to have on the city's ability to achieve its vision set out in the climate plan, against the following key themes:
    - Land use & spatial planning
    - Housing and energy

[1] OECD (2021) Green Budgeting in OECD Countries, OECD Publishing, Paris, https://doi.org.10.1787/acf5d047-en

- Mobility & transport
- Responsible consumption
- Biodiversity
- Communities
- Just transition

- **Third Phase:** Reflecting and summarizing the analysis undertaken in phases 1 and 2, and to then highlight the next steps and a timeline for review.
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3.8 The outcome of the assessment will be included in the relevant committee reports, following a model similar to the EQIA, whereby the responsible service will be asked to note whether a CCIA was undertaken and what the likely impacts of a given project or policy proposal on the council's ability to achieve the city's vision for 2030.

4 Implementation

4.1 The CCIA places a continued requirement on services to analyse and reflect on the impact of their policy decisions and performance. This is an iterative process which will be reviewed as it matures, and organisational capacity develops.

4.2 Once the assessment template has completed the testing phase and the guidance is further refined, we will develop a training module for staff, including Senior Management Team and Elected Members, by Feb 2023. (More detail on the next steps are included in section 5 below.)

4.3 Based on our experience of implementing the EQIA process, it is anticipated that there will be an increased level of staff resource needed to support the initial roll out, covering 2023/4, with an ongoing need thereafter. This resource implication will be included as part of the regular review of the Climate Plan delivery.

4.4 The Implementation of the assessment will be the responsibility of each individual service, who will be supported by the Corporate Policy and Sustainability Teams with guidance, training and signposting as appropriate. The same will be done for Elected Members.

4.5 The outputs of the process will be recorded by the Sustainability Team in NRS and a summary of the results will be reported to Net Zero Carbon committee annually, including the number of assessments undertaken and their broad outcomes. This will be supported by the sustainability PMO function.

4.6 The need for this Committee to be conversant in CCIA when considering reports for Scrutiny; will require detailed training and engagement as the assessment is deployed.

5 Next Steps

5.1 Undertake a pilot analysis of live projects, testing and refining both methodology and guidance accordingly prior to the end of Feb 2023.

5.2 Initial training session for a small number of relevant staff, a sample of senior officers proposed by heads of service (grade 8 and above) from each service and ALEOs, in March 2023.

5.3 Propose and deliver a training session for the Corporate Management, Senior Management Teams and Elected Members, in March 2023.

5.4 Submit the proposed methodology and guidance to the Council Administration Committee for approval, following from engagement with Senior Management and Elected Members.

5.5 Roll out of training and CCIA process to wider city council staff, from May 2023, with prioritisation for Elected Members on key Committees.

5.6 The CCIA training will be aligned with future Climate Literacy Training provision to Elected members and timescales for the roll out will be defined as the initial training for the CCIA is reviewed.

5.7 This Committee will be updated as required about the process and methodology; and how the Climate Change Impact Assessment will be deployed; and it's impacts on future reports to OPDSC.

6 Policy and Resource Implications

Resource Implications:

Financial:	No direct implications
Legal:	No legal implications
Personnel:	The plan is proposed to be implemented using existing staff resources.
Procurement:	No procurement implications.

Council Strategic Plan: Specify which Grand Challenge (s) and Mission (s) the proposal supports. Where appropriate the relevant Commitment can also be listed.

The assessment supports the grand challenge 3: Fight Climate Emergency in a Just Transition to Net Zero and Mission 2:

	Become a net zero carbon city by 2030 empowering the city council to both envisage the transformative action required, and to take meaningful action to achieve it, developing a shared language for a systems-based approach. The assessment also supports grand challenge 4: Enable staff to deliver essential services in a sustainable, innovative and efficient way for our communities and Mission 2: Run an open, well governed council in partnership with all our communities

Equality and Socio-Economic Impacts:

Does the proposal support the Council's Equality Outcomes 2021-25? Please specify.	Yes, the proposal seeks to operationalise the principles of the 2030 agenda, reflecting how as an organisation and a city we are representing the world's diversity in terms of gender, geography, ethnicity, disability and other categories, enabling a reflection about the way we work - how we identify priorities, how we engage with our partners; how we implement activities and how we measure and report on progress.
What are the potential equality impacts as a result of this report?	The proposal will have a positive impact as it seeks to include climate justice considerations across all assessments.
Please highlight if the policy/proposal will help address socio-economic disadvantage.	The proposal aligns with the UN sustainable Development Goals, particularly the implementation of its three guiding principles: to take a human rights-based approach, leaving no one behind, supporting gender equality and women's empowerment.

Climate Impacts:

Does the proposal support any Climate Plan actions? Please specify:	The proposal supports the overall implementation of the city's Climate Plan, including its vision for a fairer, greener and healthier city. The proposal particularly supports the commitment to develop and implement a Climate Change Impact Assessment for the city.
What are the potential climate impacts as a result of this proposal?	The proposal seeks to address the climate and ecological emergency by encouraging a reflection on how a given proposal can impact on global climate change, but also how ;local

	impacts of global climate change can impact on the success of local projects and proposals.
Will the proposal contribute to Glasgow's net zero carbon target?	The proposal includes four key missions, one of which proposes to support the city's net zero target.
Privacy and Data Protection Impacts:	NO
Are there any potential data protection impacts as a result of this report Y/N	

7 Recommendations

a) Committee notes the proposed Methodology
b) Committee notes the indicative timescale for delivery.
c) Note that the Committee will be informed of future progress and implementation of the Climate Change Impact Assessment (CCIA) relevant to performance monitoring.

6 CLIMATE IMPACT ASSESSMENT & DIFFERENTIAL IMPACTS

Part I

Use the table below to provide some **information** where you think the **Policy, Project, Service Reform, Budget Option or Key Decision** has either a positive impact (contributes to the delivery of the Global Goals and solving the Grand Challenges identified in the Strategic Plan) or a negative impact (could be detrimental to implementing the Global Goals and solving the Grand Challenges for the City).

Please note in the comments box what the key impacts the reason for the change in policy or the reason for policy development, based on the evidence you have collated.

Sustainable Development Checklist

Please select all that apply to your proposal, adding yes, no, don't know accordingly. Finally including a brief explanation for your choices using summary section below.

UN SDG Pillars & Council Strategic Plan Grand Challenges

A universal call to action to end poverty, protect the planet ensuring peace and prosperity for all.

Local UN SDG targets		**People** **Reduce Poverty and Inequality** Does the proposal help everyone to have healthy and fulfilling life	**Planet** **Fight Climate Emergency in a Just Transition to Net Zero** Does the proposal help protect nature, reduce carbon emissions and reduce risk of flooding or increased temperatures	**Prosperity** **Increase Opportunities and Prosperity for all** Does the proposal support economic development which stays within environmental limits and is inclusive	**Partnership and Peace** **Enable staff to deliver essential services in a sustainable, innovative and efficient way** Does the proposal include collaboration with local, national, regional and international partners to build capacity and bring about positive change. Does it support or reflect meaningful community participation.
	Create sound policy frameworks based on pro-poor and gender-sensitive strategies, to support poverty eradication actions.				
	Support creation of sustainable food systems in the city and ensure access to healthy, nutritious food to all.				

Sustainable Development Checklist

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Local UN SDG targets		**People** **Reduce Poverty and Inequality** Does the proposal help everyone to have healthy and fulfilling life	**Planet** **Fight Climate Emergency in a Just Transition to Net Zero** Does the proposal help protect nature, reduce carbon emissions and reduce risk of flooding or increased temperatures	**Prosperity** **Increase Opportunities and Prosperity for all** Does the proposal support economic development which stays within environmental limits and is inclusive	**Partnership and Peace** **Enable staff to deliver essential services in a sustainable, innovative and efficient way** Does the proposal include collaboration with local, national, regional and international partners to build capacity and bring about positive change. Does it support or reflect meaningful community participation.
	Substantially reduce the number of deaths and illnesses as a result of air, water and soil pollution.				
	Ensure that all Glaswegians acquire the knowledge and skills to promote sustainable development, including.				

Sustainable Development Checklist

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Local UN SDG targets		**People** **Reduce Poverty and Inequality** Does the proposal help everyone to have healthy and fulfilling life	**Planet** **Fight Climate Emergency in a Just Transition to Net Zero** Does the proposal help protect nature, reduce carbon emissions and reduce risk of flooding or increased temperatures	**Prosperity** **Increase Opportunities and Prosperity for all** Does the proposal support economic development which stays within environmental limits and is inclusive	**Partnership and Peace** **Enable staff to deliver essential services in a sustainable, innovative and efficient way** Does the proposal include collaboration with local, national, regional and international partners to build capacity and bring about positive change. Does it support or reflect meaningful community participation.
	Adopt and strengthen enforceable policies which promote gender equality and the empowerment of all women and girls at all levels.				
	Protect and enhance water-related ecosystems, including woodlands, wetlands, rivers and aquifers.				

Sustainable Development Checklist

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Local UN SDG targets		**People** **Reduce Poverty and Inequality** Does the proposal help everyone to have healthy and fulfilling life	**Planet** **Fight Climate Emergency in a Just Transition to Net Zero** Does the proposal help protect nature, reduce carbon emissions and reduce risk of flooding or increased temperatures	**Prosperity** **Increase Opportunities and Prosperity for all** Does the proposal support economic development which stays within environmental limits and is inclusive	**Partnership and Peace** **Enable staff to deliver essential services in a sustainable, innovative and efficient way** Does the proposal include collaboration with local, national, regional and international partners to build capacity and bring about positive change. Does it support or reflect meaningful community participation.
	Ensure universal access to affordable, reliable and zero carbon energy services				
	Achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value				

Sustainable Development Checklist

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Local UN SDG targets		**People** **Reduce Poverty and Inequality** Does the proposal help everyone to have healthy and fulfilling life	**Planet** **Fight Climate Emergency in a Just Transition to Net Zero** Does the proposal help protect nature, reduce carbon emissions and reduce risk of flooding or increased temperatures	**Prosperity** **Increase Opportunities and Prosperity for all** Does the proposal support economic development which stays within environmental limits and is inclusive	**Partnership and Peace** **Enable staff to deliver essential services in a sustainable, innovative and efficient way** Does the proposal include collaboration with local, national, regional and international partners to build capacity and bring about positive change. Does it support or reflect meaningful community participation.
	Develop quality, reliable, sustainable and resilient infrastructure to support economic development and human well-being, with affordable and equitable access for all				
	Empower and promote the social, economic and political inclusion of all, irrespective of age, gender, disability, race,				

Sustainable Development Checklist

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Local UN SDG targets		**People** **Reduce Poverty and Inequality** Does the proposal help everyone to have healthy and fulfilling life	**Planet** **Fight Climate Emergency in a Just Transition to Net Zero** Does the proposal help protect nature, reduce carbon emissions and reduce risk of flooding or increased temperatures	**Prosperity** **Increase Opportunities and Prosperity for all** Does the proposal support economic development which stays within environmental limits and is inclusive	**Partnership and Peace** **Enable staff to deliver essential services in a sustainable, innovative and efficient way** Does the proposal include collaboration with local, national, regional and international partners to build capacity and bring about positive change. Does it support or reflect meaningful community participation.
	ethnicity, origin, religion or socio-economic status.				
	Enhance inclusive and sustainable urbanisation, including capacity for participatory, integrated and sustainable development planning and management.				

Sustainable Development Checklist

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Local UN SDG targets		**People** **Reduce Poverty and Inequality** Does the proposal help everyone to have healthy and fulfilling life	**Planet** **Fight Climate Emergency in a Just Transition to Net Zero** Does the proposal help protect nature, reduce carbon emissions and reduce risk of flooding or increased temperatures	**Prosperity** **Increase Opportunities and Prosperity for all** Does the proposal support economic development which stays within environmental limits and is inclusive	**Partnership and Peace** **Enable staff to deliver essential services in a sustainable, innovative and efficient way** Does the proposal include collaboration with local, national, regional and international partners to build capacity and bring about positive change. Does it support or reflect meaningful community participation.
	Achieve the sustainable management and efficient use of natural resources.				
	Integrate climate change measures into local policies, strategies and planning.				
	Prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities.				

Sustainable Development Checklist

Please select all that apply to your proposal, adding yes, no, don't know accordingly. Finally including a brief explanation for your choices using summary section below.

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Local UN SDG targets		**People** **Reduce Poverty and Inequality** Does the proposal help everyone to have healthy and fulfilling life	**Planet** **Fight Climate Emergency in a Just Transition to Net Zero** Does the proposal help protect nature, reduce carbon emissions and reduce risk of flooding or increased temperatures	**Prosperity** **Increase Opportunities and Prosperity for all** Does the proposal support economic development which stays within environmental limits and is inclusive	**Partnership and Peace** **Enable staff to deliver essential services in a sustainable, innovative and efficient way** Does the proposal include collaboration with local, national, regional and international partners to build capacity and bring about positive change. Does it support or reflect meaningful community participation.
	Take urgent and significant action to reduce the degradation of natural habitats, halt the loss of biodiversity, enhance, protect and prevent the extinction of threatened species.				
	Ensure responsive, inclusive, participatory and representative decision-making.				

Sustainable Development Checklist

Please select all that apply to your proposal, adding yes, no, don't know accordingly. Finally including a brief explanation for your choices using summary section below.

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Local UN SDG targets	**People** **Reduce Poverty and Inequality** Does the proposal help everyone to have healthy and fulfilling life	**Planet** **Fight Climate Emergency in a Just Transition to Net Zero** Does the proposal help protect nature, reduce carbon emissions and reduce risk of flooding or increased temperatures	**Prosperity** **Increase Opportunities and Prosperity for all** Does the proposal support economic development which stays within environmental limits and is inclusive	**Partnership and Peace** **Enable staff to deliver essential services in a sustainable, innovative and efficient way** Does the proposal include collaboration with local, national, regional and international partners to build capacity and bring about positive change. Does it support or reflect meaningful community participation.
Enhance policy coherence for sustainable development				

Comments and Explanation of the choices selected above:

Part II

Use the table below to provide some **narrative** where you think the **Policy, Project, Service Reform, Budget Option or Key Decision** has either a positive impact (contributes to positive climate action) or a negative impact (could be detrimental to climate impact) and note the reason for the change in policy or the reason for policy development, based on the evidence you have collated.

To Be Assessed:							
Addresses Climate Plan Commitments	**Key action areas**	**Climate Impact**					**Carbon Impact (where known)** Complete the following with a breakdown of emission sources from the most recent carbon footprint (greenhouse gas inventory – in appendix 1). If data is not available, please provide an explanation in the comment's column.
		Very favourable (3)	**Favourable** (2)	**Favourable but controversial** (1)	**Neutral** (0)	**Negative** (-1)	
Net Zero Carbon by 2030	**Transport & Mobility** *Staff travel requirement* *Decarbonising vehicles* *Improving road/ active travel infrastructure* *Supporting people to use active travel;* *Reduced need to travel*						
	Built Environment & Infrastructure						

	Building use; switching away from fossil fuels – heating/ power; energy consumption; renewable energy generation; reduced energy demand						
	Waste & Resources, Circular Economy *Single-use plastic; end of life disposal; recycling; repair; reuse schemes; waste reduction*; consumption; *food & drink products; local and low-carbon production.*						
	Sustainable Land Use *Location of buildings and housing, open space for nature and leisure, connectivity for people and nature.*						
	Procurement *Consumption and sustainable procurement.*						
Biodiversity Rich by 2030	**Carbon storage capacity** Carbon sinks: peatland, wetland, grassland or woodland creation or enhancement						
	Biodiversity and Habitat Connectivity Measure supporting species to move through the landscape between patches of habitat.						
	Pollinator Action Action supporting pollinators by providing shelter, enhancing local habitat						

	connectivity, avoiding the use of pesticides.						
	Carbon offsetting potential reforestation, building renewable energy, carbon-storing agricultural practices, and waste and landfill management.						
Climate Resilient and well adapted by 2030	**Flood Risk** Natural flood management & Nature Based Solutions, health and wellbeing of people and nature						
	Heatwave and increased temperatures risk Drought, water scarcity vulnerability, health and wellbeing of people and nature						
Caring, Fairer and Inclusive City by 2030 Capacity building and communication – skills, resources and ability to take action.	**Communication & meaningful engagement** Engaging with local communities and supporting local action through citizens panels, community conversations, supporting climate and repair hubs						
	Skills Development *apprenticeships, reskilling and upskilling opportunities*						
	Wellbeing Economy						
	Inclusive and Accessible design						

Part III - Summarise the findings from the assessment and checklist above.

Please use this section to provide a summary of the assessment findings

Summary of Climate Impacts

Summary of contribution to UN SDGs

Summary of contribution to the Implementation of the Strategic Plan

Summary of Climate Justice Impacts

Summary of Circular Economy Impacts

Summary of Carbon Impacts (where known)

Note on the five - point scale (based on French budgeting model) and aligned with the green budget tagging exercise:

- Very favourable (3) – a policy, strategy or project which is proposed for its environmental benefit
- Favourable (2) – a strategy, policy or project which did not have a primary environmental objective but which has a demonstrated indirect benefit
- Favourable but controversial (1) – a strategy, policy or project with a favourable impact but which could have contradictory effects, such as the risk of technological lock-in
- Neutral (0) – insufficient data to determine the environmental impact (use the comments box to provide an explanation, ask for support if needed)
- Negative (-1) – policy, strategy or projects which is likely to have a direct negative impact on the environment or which encourages behaviours that harms the environment.