



Glasgow City Council

Net Zero and Climate Progress Monitoring
City Policy Committee

Report by George Gillespie, Executive Director of
Neighbourhoods, Regeneration & Sustainability

Contact: Gavin Slater Ext: 78347

Item 2

27th February 2024

Carbon Management Plan 3

Purpose of Report:

To present Committee with Glasgow City Council's third Carbon Management Plan (CMP3)

Recommendations:

It is recommended that Committee:

- (a) Notes the contents of this report
- (b) Notes the Carbon Management Plan 3 (Included as link URL)
- (c) Refers the Carbon Management Plan 3 to the City Administration Committee for approval

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 Glasgow City Council's Carbon Management Plan (CMP) sets out the actions the Council plans to take to reduce its carbon emissions from and in contribute towards Glasgow's target of achieving net zero carbon by 2030.
- 1.2 The first CMP was in effect between 2008 and 2013 and saw a reduction in the Council's emissions of 9% against the baseline year of 2005/06. The second plan (CMP2), which can be accessed [here](#), was approved in 2014 and set a target of achieving a 30% emissions reduction from the 2005/06 baseline year by 2019/20. This target was achieved in 2017/18, 2 years ahead of schedule and helped the Council to reduce its carbon emissions by 46.6% from baseline by 2020.
- 1.3 An update report on the progress to reduce the Council's organisational emissions was presented at the Net Zero Committee meeting on the 20th of September 2022. This report, which outlined that the Council's organisational emissions had fallen by 50.3% since baseline (to 99,363 tonnes of CO₂ in 2021/22) can be viewed [here](#).
- 1.4 Since the publication of CMP2, the city has declared a climate and ecological emergency and established a city-wide target of net zero carbon by 2030. In light of these significant policy developments, [CMP3](#) has been developed to include a strategy and delivery plan for Glasgow City Council to also achieve net zero carbon by 2030, therefore aligning its trajectory with the wider city target.
- 1.5 Section 3.3 of the CMP3 (pg 9) provides detail on a range of different emissions reduction projects which have been undertaken during the period of the previous CMP. These include but are not limited to:
 - Building Management System upgrades
 - PV installations on 33 GCC or ALEO buildings
 - Glasgow Recycling and Renewable Energy Centre (GRREC) has become operational and enables the use of waste for energy production.

2. Developing the Strategy and Target setting

- 2.1 The CMP3 has been developed in partnership with those services and ALEOs within the Council family who will play a strong role in reducing our emissions. A Carbon Management Working Group was established to coordinate development of the CMP3 and will continue to work to ensure that the strategy can deliver on the ambition to reach net zero carbon by 2030 in a manner that considers the challenges and opportunities specific to individual service areas. CMP3 has been shared and discussed at the Climate Scoping Group, which has provided a forum for discussion and input from all services and ALEOs.
- 2.2 In setting a net zero carbon by 2030 target for the Council, CMP3 is required to fully consider the emissions generating activities of the Council. This has resulted in a delivery plan that seeks to reduce emissions across Scope 1 & 2

and, where possible, scope 3¹ emission categories. However, the ability to monitor emissions across all areas of emissions-generating activity is still being developed. As a result, the interim targets established in the CMP3 relate to what the Council can confidently measure at present. This includes:

- Electricity Consumption
- Gas Consumption
- Fuel use (fleet activity)
- Business travel (via either air, rail or car)²

2.3 It is important also to acknowledge that whilst our focus will be on reduction of emissions wherever possible, we need to consider the contribution that sequestration activity will have in our ambition to reach net zero by 2030. Within CMP3 we have set a target to reduce direct emissions by at least 80% by 2030 to have a practical chance of reaching net zero. As the landscape continues to evolve around the quantification of sequestration (which will be progressed through CMP3 delivery), the 80:20 split is seen as an ambitious but reasonable target aimed at indicating the absolute reductions required. The Forest and Woodland Strategy, and its ambition to catalogue every tree in the city, will be key to supporting our approach to sequestration accounting. It will give us an existing sequestration value that can be considered as part of our emissions balance over time. However, Glasgow City Council will work to meet and, where possible, exceed this 80% direct emissions reduction target, whilst at the same time enhancing our sequestration activity wherever possible.

2.4 Based on the progress made to date (52% emissions reduction from baseline) Glasgow City Council requires to reduce emissions by a further 28% to reach an 80% absolute reduction by 2030. This is highlighted in Figure 1 below.

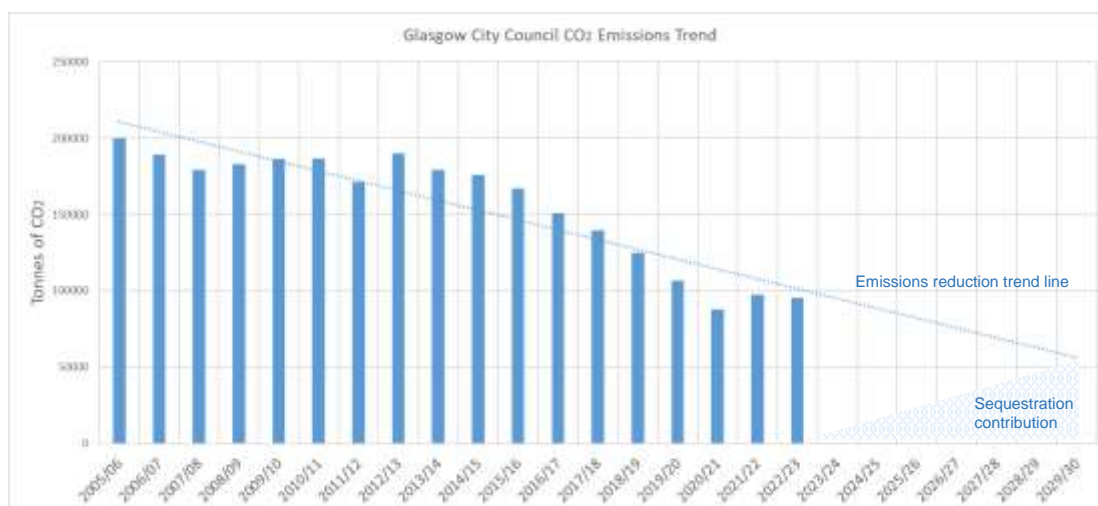


Figure 1- GCC Total Emissions to date and trendline to 2029/30

¹ How emissions are categorised into one of three scopes is outlined in the CMP3

² Business travel is the only area of Council emissions classed as 'Scope 3' that can confidently be measured at present.

2.5 Through analysis of emissions across the areas of activity listed above, the CMP3 has also established an interim target of a 64% reduction from baseline by 2025/26. The process for setting this target has been twofold:

- To use historical emissions data to identify a reduction trendline
- To calculate by how much emissions would have to proportionately reduce each year to ensure the Council is to have a feasible prospect of reaching net zero carbon by 2030.

2.6 The Council understands that in setting the overarching target of net zero carbon by 2030, the ability to measure emissions across a wider range of activity must improve. As such, the CMP3 delivery plan includes action to develop a mechanism by which a baseline of Scope 3 emissions can first be established and progress tracked as the organisation moves towards net zero.

3. Delivery Plan

3.1 Reducing carbon emissions associated with Glasgow City Council's assets and activities is a strategic objective that cuts across all services and departments. Delivery of the CMP3 is therefore owned by all services across the Council family rather than being the sole responsibility of the Sustainability Team.

3.2 Delivery of the CMP3 will be monitored internally by a Carbon Management Working Group to ensure a coordinated approach to support broad service engagement. The Working Group meets bi-monthly and is composed of appropriate representatives from the following services and departments:

- NRS Sustainability PMO
- NRS Sustainability
- Corporate Asset Management (CAM) – overarching estate management
- Relevant ALEOs
- Fleet Team
- Waste team
- Corporate Procurement Unit (CPU)

3.3 The creation of the Carbon Management Plan has been added to the Climate Programme and the CMP3 will also be added once approved. The CMP3 will report on its progress through the Scoping group to the Climate Board. The Carbon Management Working group will be responsible for the delivery and reporting to through this governance structure.

3.4 The scope of the delivery plan is reflective of the activities of the services and departments listed above and aims to take a holistic approach to achieving the targets established in the CMP3. The delivery plan has been developed in recognition that, alongside the priority to reduce our emissions, the CMP3 will bring financial benefits as the Council progresses energy reduction and use-optimisation projects.

- 3.5 The CMP3 delivery plan, is split into the following themes:
- Decarbonising our energy
 - Delivering Efficiencies
 - Understanding our Energy Consumption
 - Tracking Progress
 - Expanding the Scope
 - Funding
 - Supporting behaviour change
- 3.6 The delivery plan outlines a portfolio of projects that GCC understands will support the organisation's transition to net zero. In this respect, the plan is not fully costed and there is a known financial gap between aspiration and targets within the plan. Whilst there are some existing funding sources (such as SALIX loan and grant funding and limited internal budget) that will support delivery, the actions outlined in the plan are intended to attract potential funding sources. In addressing the funding gap and aspiration outlined in the CMP3, GCC may have to consider how internal budget allocations could support delivery, with the understanding that internal spend on CMP3 activities (particularly around energy efficiency) can generate savings for the Council in the longer term.

4. Next Steps

- 4.1 The Carbon Management Working Group will continue to meet to ensure the CMP3 is underscored by a coordinated approach. Once CMP3 is formally adopted, the scope of the working group will move from developing the strategy to delivery of the actions outlined within.
- 4.2 The CMP3 is an important step for Glasgow City Council, and one required to ensure the Council can incorporate city level policy developments on net zero and the climate emergency into its own carbon management planning. It will therefore be presented to the City Administration Committee for formal approval in Spring 2024.
- 4.3 The actions proposed in the plan will assist in maintaining the Council's position as a proactive and progressive voice on sustainability issues across Scotland and Europe. As the biggest employer in the city, the CMP3 will help GCC to deliver on some of the key recommendations of the Climate Plan and ensure that the Council is leading by example as to how an organisation can reduce its own emissions and contribute to the wider net zero transition in Glasgow.

5. Policy and Resource Implications

Resource Implications:

Financial: Reduced consumption reduces expenditure on energy, which is likely to be of increasing importance. Consideration will need to be given on spend to save

projects, and how to fill the financial gap required to ensure delivery.

Legal: Emissions reduction targets do not currently carry legal risk.

Personnel: None.

Procurement: Individual carbon management and Climate Plan projects have procurement requirements, which are managed on a case-by-case basis.

Council Strategic Plan: The plan is supportive of Grand Challenge 2: Mission 2, Grand Challenge 3: Mission 1 and 2, Grand Challenge 4: Mission 2 and 3.

Equality and Socio-Economic Impacts:

Does the proposal support the Council's Equality Outcomes 2021-25? Please specify. Not directly. However, reducing the Council's utility costs and liability will free up financial resources that could be focused on the Council's equality objectives.

What are the potential equality impacts as a result of this report? No significant impact.

Please highlight if the policy/proposal will help address socio-economic disadvantage. Not directly. However, reducing the Council's utility costs and liability will free up financial resources that could be focused on the Council's socio-economic objectives.

Climate Impacts:

Does the proposal support any Climate Plan actions? Please specify: This work will deliver a significant positive environmental impact. Reducing utility consumption directly reduces the Council's environmental impact through the avoidance of CO₂ emissions. The work also supports actions 14, 17, 49 and 54 of the Climate Plan.

What are the potential climate impacts as a result of this proposal? Positive climate impacts are expected as emissions from the Council estate reduce in pursuit of the net zero target.

Will the proposal contribute to Glasgow's net zero carbon target?

This proposal is a direct plan in respect of the Council's contribution to delivery of the City's net zero carbon target.

Privacy and Data Protection Impacts:

No data protection or privacy impacts.

6. Recommendations

It is recommended that the Committee:

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