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CampbellReith Carbon Reduction Plan

2022-23 Annual Report

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1.0 OUR PATHWAY TO NET ZERO

This report sets out CampbellReith's current carbon footprint for 2022-23, comparing against the baseline values from previous years whilst providing commentary on causes for differences and actions to be taken over the next period to continue to reduce our emissions and improve the quality of our reporting.

Our emissions are measured and reported under three categories: Scope 1, Scope 2 and Scope 3.

Scope 1 emissions are those which come from sources CampbellReith directly controls or owns, such as company vehicles.

Scope 2 are indirect emissions which occur due to CampbellReith's activities but occur from sources which we neither own nor control, such as the electricity we use.

Scope 3 emissions are those from indirect sources not covered by Scope 1 or 2, which from part of CampbellReith's value chain, such as products purchased from our suppliers.

1.1 Carbon Reduction Targets

Target 2025: we will achieve Net Zero for our Scope 1 and Scope 2 emissions.

We have made significant progress towards this target over the past year, with 2022-23 marking the first year we are achieving Net Zero for our Scope 2 emissions, while achieving substantial reductions in our Scope 1 emissions.

Target 2030: we will additionally achieve Net Zero for our Scope 3 emissions. Our designs are also to achieve a minimum of a 55% reduction in embodied carbon.

Target 2035: embodied carbon across our projects is to achieve a 65% reduction against the baseline, as a minimum.

Target 2040: all our designs are to be Net Zero and achieve reductions in embodied carbon of at least 75% compared to the baseline.

We have four offices occupied by the business located in London, Bristol, Manchester and Birmingham, with a total of 130 employees for this reporting period, having consolidated our London and Surrey Offices. Our largest impact remains that of our primary business focus, the design of structures and their supporting infrastructure and the resulting embodied carbon emissions. This is deemed to be currently outside of the scope of the reporting requirements of PPN 06/12, due to shared contributary influence over the impact, and has therefore not been included. We have however made significant progress this year in preparing the way for us to begin reporting these figures in future annual reports. We have also continued our efforts to influence our client's choices towards low carbon options for the built environment, while improving our knowledge and expertise in low carbon design, and developing and expanding systems to monitor and improve the sustainability of our designs.

1.2 Baseline Emissions and Current Emissions

Scope 1 emissions

Scope 1 emissions are those which we directly control, including the burning of fossil fuels and emissions of F-gasses from our heating and cooling equipment.

Baseline Emissions 2021-22 (tCO_2e)	Current Emissions 2022-23 (tCO_2e)	Change in 'like-for-like' Emissions (tCO_2e)	Change in Total Reported Emissions (tCO_2e)
48.774	20.058	-28.715 / -58%	-28.715 / -58%

Scope 2 emissions

Scope 2 emissions are from the energy or power we purchase. In our case, this is just the electricity we use, and we have transitioned all our offices across to 100% renewable green energy tariffs.

Baseline Emissions 2021-22 (tCO_2e)	Current Emissions 2022-23 (tCO_2e)	Change in 'like-for-like' Emissions (tCO_2e)	Change in Total Reported Emissions (tCO_2e)
16.572	0	-16.572 / -100%	-29.282 / -100%

Scope 3 emissions

Scope 3 emissions are those within our value chain, and the goods and services we purchase. Our Scope 3 emissions are the Scope 1 and 2 emissions of other companies. These are therefore typically both significantly larger than the Scope 1 and Scope 2 emissions, and those which we have the least control over.

e.g. a business flight would fall within our Scope 3 emissions, however the flight would also be the airline's Scope 1 emissions.

For the purpose of our PPN 06/21 reporting, we have included the following sources of emissions with our calculated Scope 3:

- Staff Commuting
- Waste
- Business Travel
- Materials Purchased
- Staff Home Working

Baseline Emissions 2021-22 (tCO_2e)	Current Emissions 2022-23 (tCO_2e)	Change in 'like-for-like' Emissions (tCO_2e)	Change in Total Reported Emissions (tCO_2e)
70.218	124.797	-33.190 / -47%	+54.579 / +78%

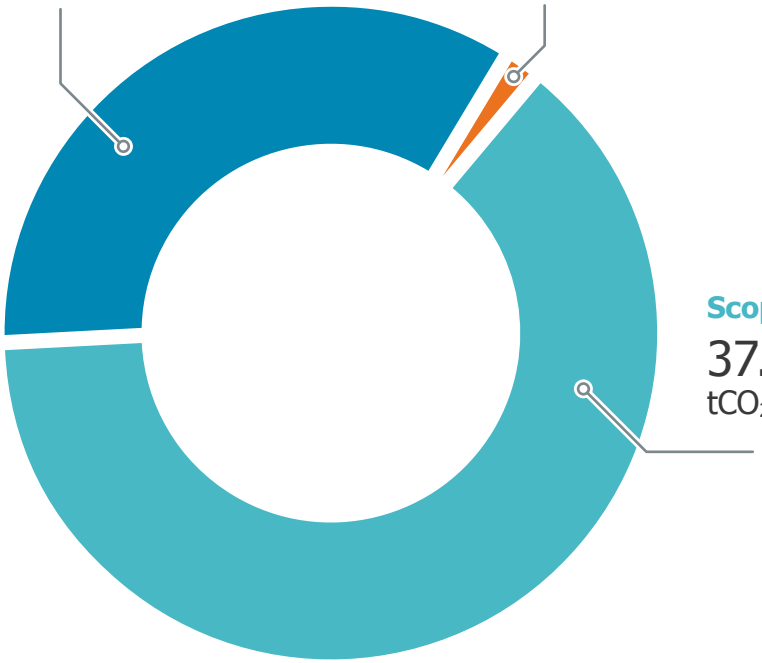
1.3 Total Reported Emissions

Our total emissions for 2022-23 were 144.856 tonnes of CO_2 equivalent, representing a 9.292 tonne increase on our baseline emissions. This year's reported figures are, in part, inflated due to improvements to our systems which allows us to report on emissions sources for which we previously had no data.

On a like-for-like comparison of 2022-23 and 2021-22 emissions, we achieved a **73.806 tonne reduction**.

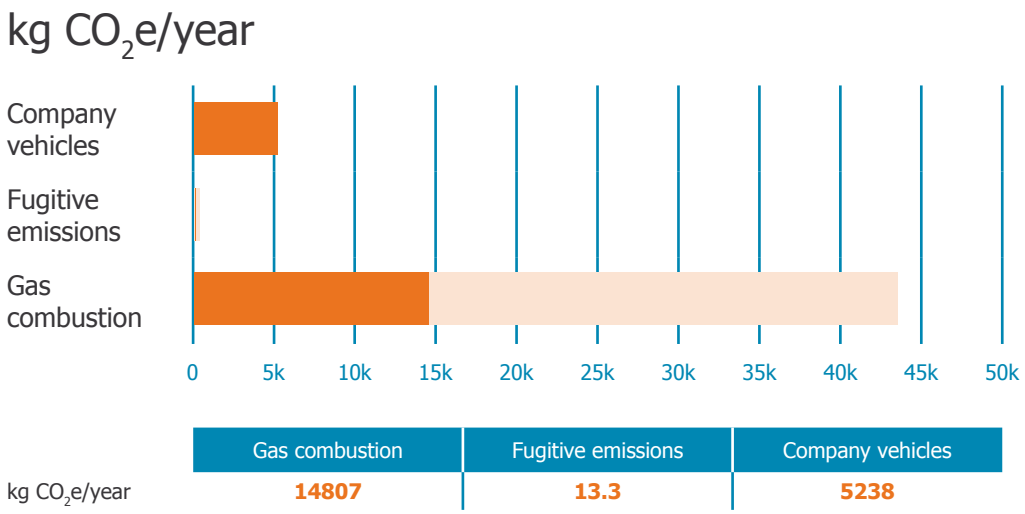
Scope 1 Reduction
20.058 (-28.715)
tCO_2e

Scope 2 Reduction
0 (-16.572)
tCO_2e



Scope 3 Reduction
37.028 (-33.190)
tCO_2e

2.0 SCOPE 1 EMISSIONS



	Gas combustion	Fugitive emissions	Company vehicles
kg CO_2e/year	**14807**	**13.3**	**5238**

2.1 Fuel Combustion

Natural Gas is burned to provide a heat source for some of our offices.

Emissions due to burning natural gas were 14.807 tCO_2e for this reporting period, a 28.551 tonne reduction on the previous year.

This reduction was driven by two factors: improvements in reporting leading to a move away from conservative estimates, and the closure of the Redhill office and resulting removal of the associated heating demand.

As all our offices are leased, scope to change heating sources is limited. Wherever possible within this limitation we will continue to look to move to low carbon alternatives and engage with building management to explore opportunities to improve energy efficiency.

2.2 Company Vehicles

Over the reporting year we have had 9 cars owned by the company, of which 1 is electric and 3 are hybrid vehicles.

Total emissions for these vehicles over the year were 5,238 kgCO_2e.

When vehicles are replaced, we have committed to them being replaced by either electric vehicles, or hybrid vehicles with emissions under 50 gCO_2e/km.

2.3 Fugitive Emissions

We have a total of 13.3 kgCO_2e of fugitive emissions per year across all our offices, based on the maximum leakage rate of 3 g/year per BRE guidance on the performance of hermetically sealed unit.

In one office, the total kgCO_2e emissions of F-gasses contained within the cooling and heating systems are over 2.4 million times that of the fugitive emissions. We therefore continue to explore ways to reduce the impact through switching to lower emission F-gasses, and reducing our reliance on heating and cooling systems which utilise F-gasses.

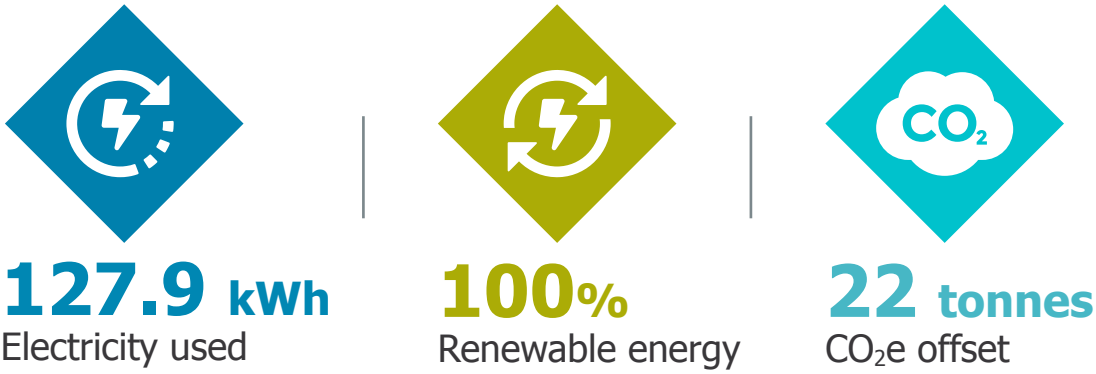
3.0 SCOPE 2 EMISSIONS

3.1 Purchased Electricity

We saw an uplift in electricity use across our offices in 2022-23 compared to the baseline, with a total of 127,947 kWh used. This is in part due to the continued trend of a greater proportion of in-office working compared to previous years.

To alleviate this, we have continued to ensure that, when phased out, replacement electronic equipment is of higher energy efficiency.

We have additionally switched all our offices over to renewable green energy tariffs, which enabled us to offset over 22 tonnes of emissions due to electricity use.



4.0 SCOPE 3 EMISSIONS

4.1 Staff Commuting

The total emissions due to staff commutes into our offices for 2022-23 was 25.433 tCO_2e. This represents a 26% reduction compared to the baseline year.

The significant change in emissions is attributable to the closure of the Surrey Office, and its amalgamation with the London Office. This has led to an increase in the amount of travel by lower carbon travel such as by tube or bus (+232% and +158% respectively), and a simultaneous reduction in travel by car (-65% diesel, -93% petrol).

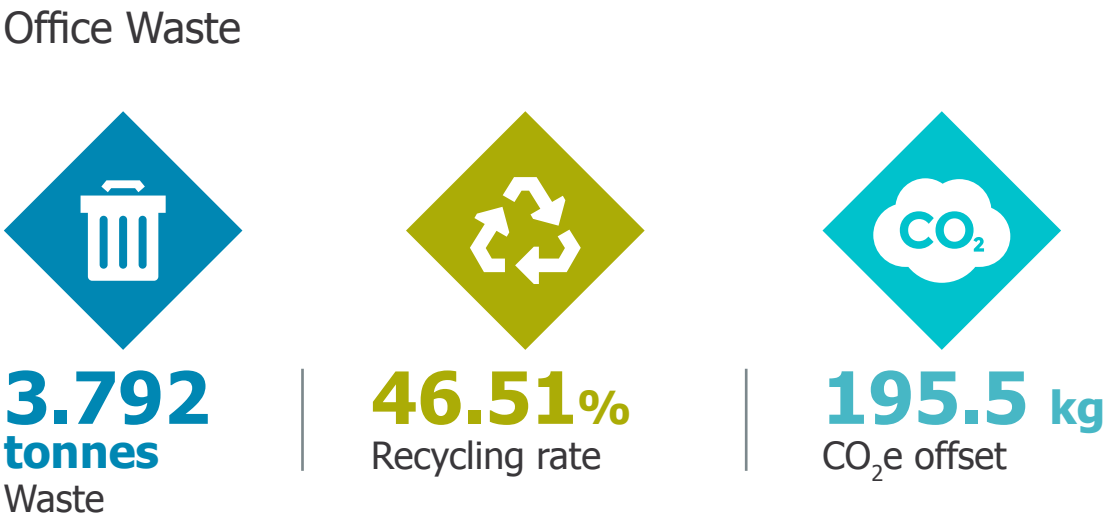
Commute into our office by National Rail remains the most popular method of travel, with 67% of all commuted miles via this method of transport, while being only 23% of commuting emissions owing to its low carbon intensity.

4.2 Waste

We produced 3.792 tonnes of waste across our offices during the reporting period, for which we achieved a recycling rate of 46.51%. 100% of waste IT equipment was also recycled. The total emissions due to waste was 80.7 $kgCO_2e$.

100% of our waste was diverted from landfill, and through refuse derived fuel led to the generation of 1,011 kWh of electricity, which would have otherwise required emission of 195.5 $kgCO_2e$ to generate.

This represents a very large reduction in emissions due to waste when compared to our baseline, however those figures were developed using average data and estimates of waste production. We have since established systems to report on this actual waste data.



4.3 Business Travel

Travel for business purposes is principally either by train or by car. In total staff travelled a combined 140,537 miles during the reporting period by these methods, leading to the emissions totalling 23.405 tonnes.

Our events team regularly travel overseas to complete in-person checks of temporary structures. Over the past year, they travelled 133,420 miles by air, totalling 2.752 tonnes of CO_2e.

4.4 Materials Purchases

The materials we purchase with the largest emission impact is IT equipment, which has a high level of embodied carbon due to the energy intensive processes needed to produce the equipment and its component materials.

We purchased 44.763 tCO_2e worth of IT equipment during this reporting period. This represents a 658% increase on the emissions of the previous year.

Splitting the emissions across the expected use life of the equipment, the annualised figure would be 9.211 tCO_2e, a 35% increase on the previous year.

Replacement of IT equipment, both planned and unplanned, is an unavoidable aspect of emissions. When replacing equipment we look to ensure it is replaced with more energy efficient equipment, which helps to mitigate the significant impact of the equipment itself.

We additionally have established systems to report on our use of paper, which by quantity is the next most significant material purchased.

Over the reporting period we printed over 112,000 sheets of paper, using printers with non-carcinogenic ink and with a significant reduction in heat output, and therefore energy use. This equates to emissions of 519 $kgCO_2e$ over course of the year.

This is a 78.6% reduction in printing since 2019, a difference of over 2 tonnes of paper, with the switch to hybrid working and adoption of paperless office working habits being the primary drivers of these savings.

4.5 Staff Home Working

We operate hybrid working in all our offices, allowing staff to work both in the office or remotely from home.

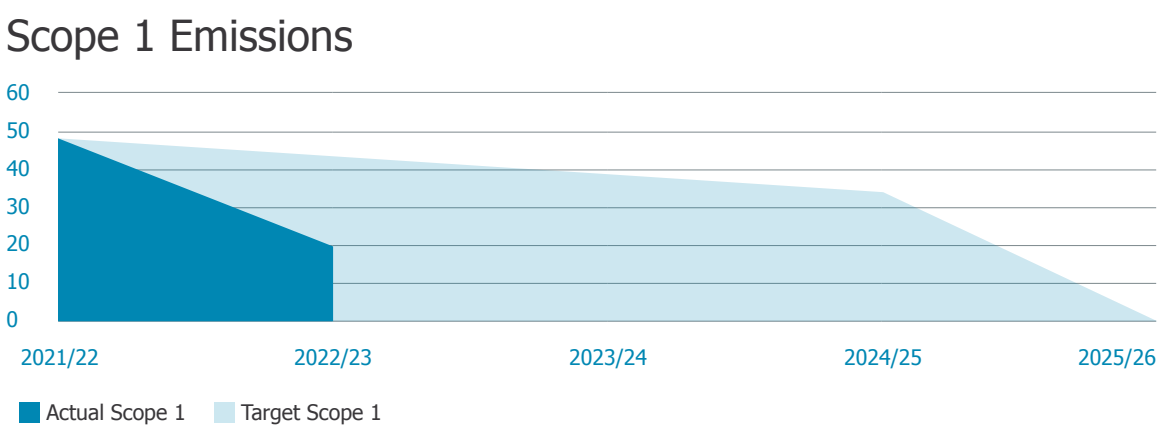
During those hours of home working, any domestic energy and heating use is attributable to our company emissions, in a similar manner to the staff commute. We have therefore committed to report on estimated emissions resulting from our staff working from home, using the carbon emissions data published by DEFRA and DBEIS.

Over the reporting period, the resulting emissions due to staff working from home was 28.040 tonnes of CO2 equivalent.

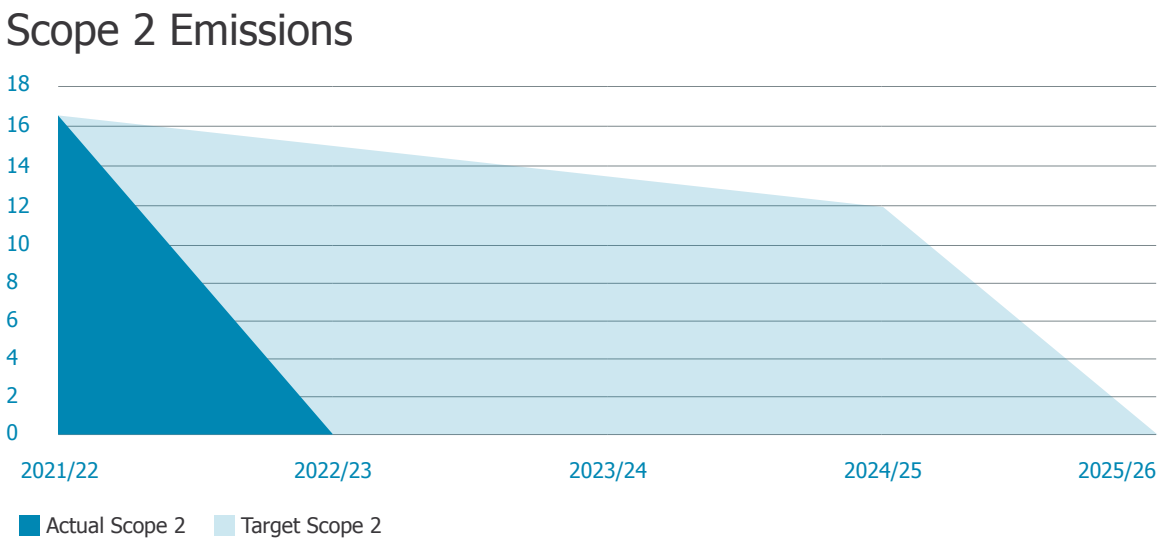
5.0 EMISSIONS REDUCTION PROGRESS

5.1 Progress against Target 2025

We have made significant progress in reducing our Scope 1 emissions and are now 45% below our target emissions for the year.



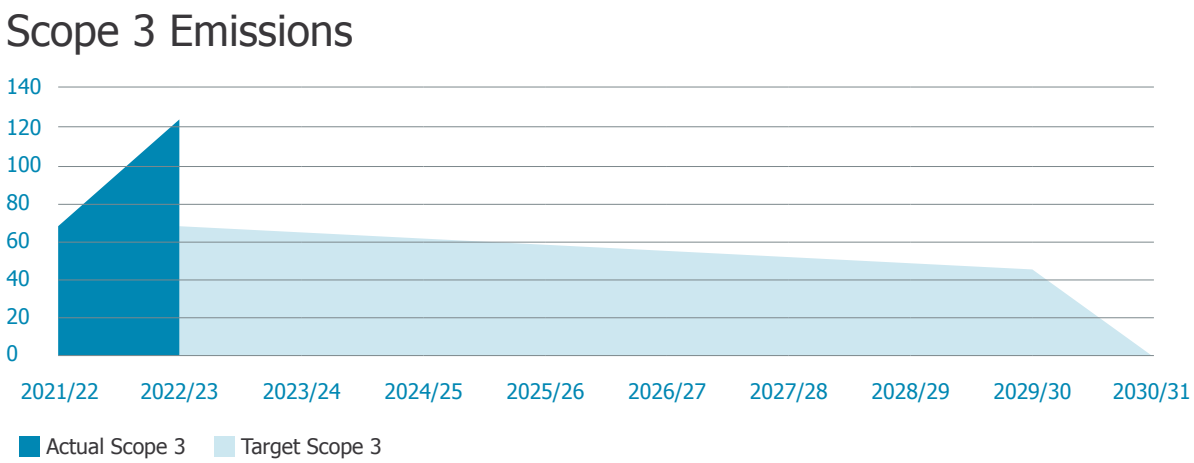
Against our Scope 2 emissions we have achieved substantially better results than even the positive outcome with Scope 1 emissions, having attained our 2025 target reduction three years ahead of our goal.



5.2 Progress against Target 2030

In contrast to our Scope 1 and 2 emissions, our Scope 3 emissions have considerably increased compared to the previous reporting period, at 187% of our target.

As Scope 3 emissions are those over which we have the least control, and the increase is primarily due to capturing additional sources of emissions within our reporting process, such as one-off equipment purchases. This year's figures are therefore within the expected range of variation between years. While we will continue to explore means of reducing our Scope 3 emissions, achieving our Net Zero target for Scope 3 will inevitably require carbon offsetting.



6.0 CARBON REDUCTION PROJECTS

6.1 Completed Carbon Reduction Initiatives in 2022/23

- All offices have been moved to 100% renewable energy green tariffs.
- All offices now divert 100% of their waste from landfill and achieved a recycling rate above the national average.
- All office printers have been replaced with low energy alternatives with non-carcinogenic inks.
- Systems to measure, monitor and report on our carbon emissions have been expanded significantly.

6.2 Proposed Carbon Reduction Initiatives in 2023/24

- A new reporting system will be implemented to accurately measure business travel emissions.
- An improved survey will be developed to increase the quality of data gathered on staff commutes.
- An updated Sustainable Procurement Policy will be developed and implemented across the company, to ensure emissions of materials purchased are considered as a key factor in the procurement process.
- Methods will be developed to monitor and report against our project carbon reduction targets.

7.0 DECLARATION

This Carbon Reduction Plan has been completed in accordance with the PPN 06/12 reporting standard for Carbon Reduction Plans, together with the associated guidance.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard. Emissions have been calculated using the appropriate conversion factors for greenhouse gas company reporting published by the UK Government.

Scope 1 and 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard.

This CampbellReith Carbon Reduction Plan, 2022-23 Annual Report, has been reviewed and signed off by the LLP Members Board.

Signed on behalf of Campbell Reith Hill LLP:

Jamie Siggers – LLP Member
Date: 22nd November 2023

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