

Carbon Reduction Plan

Supplier name: Redcentric Solutions Ltd

Publication date: 11/08/2023

Commitment to achieving Net Zero

Redcentric is committed to achieving Net Zero emissions by 2050.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: FY2021/22	
Additional Details relating to the Baseline Emissions calculations.	
<p>Scope 3 emissions had not previously been reported and the first year they were captured for SECR reporting, the data used was based on mileage only.</p> <p>For this baseline year, the full data set has been captured,</p> <p>Scopes 1 and 2, consumption and CO₂e emissions data was calculated in line with the 2019 UK Government environmental reporting guidance. Emissions Factor Database 2021 version 1 was used, utilising the published kWh gross calorific value (CV) and KgCO₂e emissions factors relevant for reporting period 1/4/21 to 31/3/22</p> <p>Although Redcentric purchase renewable electricity for all facilities, and would therefore scope 2 emissions would be classed as zero under a market based approach, we are using a location based approach to allow year on year monitoring of our usage.</p> <p>For scope 3 we utilised the Greenhouse Gas Protocol Corporate Value Chain accounting and Reporting Standards as a result of undertaking a thorough data collection. In total, 9 out of the 15 scope 3 categories were applicable to Redcentric.</p>	
Baseline year emissions: FY2021/22	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	23.270
Scope 2	4016.50 (location based approach)

Scope 3 (Included Sources)	17,751 Data sources for this total as listed below; Purchased goods and services (capital goods) Fuel-related emissions Upstream transportation and distribution Waste generated in operations Business travel Employee commuting Use of sold products End of life treatment of sold products
Total Emissions	21,790.77

Current Emissions Reporting

Reporting Year: FY2022/23	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	191.40
Scope 2	10,055.40 (Location based approach that now includes all newly acquired DC sites, accounting for the increase)
Scope 3 (Included Sources)	88.94 This figure shows emissions resulting from sources not directly owned by Redcentric. This relates to grey fleet (business travel undertaken in employee owned vehicles) only at this time. ** Due to the complexity of the scope 3 categories data collection, as a result of the acquisition of additional DC sites, the full data set figures will not be available until the end of QTR 2 FY2023/24) **
Total Emissions	10,335.75

Emissions reduction targets

We are currently developing a comprehensive strategy report and transition plan that will delineate an assortment of decarbonisation measures and pathways aimed at attaining our

objective of Net Zero. Our primary focus includes curtailing electricity consumption, enhancing procurement processes, optimizing the utilisation of our sites and buildings, and actively engaging with our staff. As an IT services provider, our multiple datacentres necessitate a substantial amount of grid-based electricity. Presently, we procure renewable energy to power all our sites.

However, to reach our Net Zero goals, it becomes imperative to reduce our reliance on the national grid and begin generating renewable energy at our facilities. This can be achieved through various initiatives, such as the installation of solar panels. Our Net Zero plan will establish pathways in alignment with our short-term and long-term targets, guaranteeing the existence of an action plan that bolsters our decarbonisation objectives and adheres to the guidelines of the Science Based Targets Initiative (SBTi).

Decarbonising our operations and reducing our Scope 1 and 2 emissions will be paramount for our Net Zero strategy. When we finalise our Net Zero transition plan in FY23/24, we will set an interim target for reducing our Scope 1 and 2 emissions.

We aim to conclude the development of our comprehensive Net Zero transition plan within the initial half of FY23/24, thereby cementing our commitment to a sustainable future.

Progress against the reduction targets will be shown as soon as the interim targets are confirmed.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

At Redcentric we are committed to decarbonising our operations as we embark on a journey to net-zero.

To date in 2023 we have continued with our year on year improvements in our operational energy efficiency as below;

Cooling System Efficiency Improvements

- A continued programme of works has been undertaken on furthering the improvement of the cooling efficiency of the Harrogate data centre. This has included:
- AHU temperature sensor recalibration;
- Air-flow management improvement through the removal of redundant cabling, and tile vent resetting;
- Increase of temperature set-points within central AHUs;
- Installation of additional cold aisle containment cabinets, increasing the amount of cold aisle containment to 90%.

Completion of the introduction of new working patterns, reducing energy of office spaces due to lower occupation

Use of technology, such as MS Teams, to reduce travelling to meetings

Moved towards understanding full scope 3 emissions by undertaking a thorough data collection process

Completed continuing assessment visits by BSI and maintain ISO14001 certification

ESG Committee established

Introduction of electric car scheme

In the future we hope to implement further measures such as:

Investment into a new building management system, enabling centralised control of heating and cooling systems to ensure they are operating at the most efficient levels at all times

Expansion of TCFD process to encompass our supply chain

Continued investment in data centre infrastructure, looking to lower emission alternatives

Reduce reliance on grid-based energy and look to introduce renewable energy at our facilities

Setting short and long term carbon emissions targets through the SBTi (Science Based Targets Initiative)

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

Scopes 1, 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) Standard³.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of the Supplier:

.....Nick Helman – Customer Services Director.....

Date:30/8/23.....

¹<https://ghgprotocol.org/corporate-standard>

²<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

³<https://ghgprotocol.org/standards/scope-3-standard>