



Rivus Carbon Reduction Plan

Publication date: April 2021

Review date: October 2023, table correction January 2024

Commitment to achieving Net Zero

Rivus is committed to achieving Net Zero emissions by 2050, while we are at the beginning of our journey to achieving this objective the Executive leadership team are confident in achieving it and are aiming to achieve a Net Zero status by 2030.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been collated during 2021 and subsequently reviewed 2022 due to the impact of the COVID pandemic. 2021 figures are prior to the introduction of any strategies or reduction plans and are the reference point against which emissions reduction will be measured going forward.

Baseline Year: 01-01-2021-31-12-2021

Reviewed and updated for period 01-01-2022-31-12-2022

Additional Details relating to the 2021 and 2022 Baseline Emissions calculations.

The majority of Rivus workshops are on shared sites where the utilities usage is monitored by the landlord. Calculations for the workshops are based on invoices converted to approximate kWh, using average £ to kWh for the UK in 2021 for each energy source, with the usage estimated from invoices from premises under Rivus control. To maintain consistency the same methodology has been applied for 2022. This has resulted in the significant decrease shown in TCO_{2e} as base data for the majority of sites is a set percentage cost, whilst calculations are extrapolated based on actual consumption costs and kWh.

2021 Energy Split

Energy	Percentage	Avg. kWh	Std Charge
Gas	67%	0.0174	0.26
Electricity	33%	0.1293	0.25

Note that the 2021 figures included in the previous CRP had been incorrectly calculated; errors in gas and electricity calculation and the scope allocated to each measured sector.

Home workers average energy usage is taken from ECOLabs Home working emissions white paper where it is estimated each home workers produces the following Co₂ from home working.

- Electricity = 691 KgCo₂ (year)
- Gas = 1178 KgCo₂ (year)

Due to the impact of the COVID-19 pandemic on our operations the 2021 baseline figures were assessed and updated with 2022 data with the aim to provide a more accurate reflection of our baseline emissions. Whilst this has provided additional information, the reporting challenges caused by the energy crisis means that this information is also not a true reflection of our energy usage; as such the 2021 figures will be used for measurement purposes.



Baseline Year Emissions 2021 and 2022

Baseline Emissions	TCO2e Year	
	2021	2022
Scope 1	891	463
Scope 2	5	6
Scope 3	8752	8135
Total Emissions	9648	8604

Note that the 2021 figures included in the previous CRP had been incorrectly calculated; errors in gas and electricity calculation and the scope allocated to each measured sector.

Current Emissions Reporting

Reporting Year: 01-01-2023 to 31-12-2023

Emissions	TCO2e
Scope 1	
Scope 2	
Scope 3	
Total Emissions	

2023 data not yet available

Emissions reduction targets

In order to progress towards achieving Net Carbon Zero, we have adopted the following carbon reduction targets:

- Scope 1 - 50% reduction by 2025
- Scope 2 - 65% reduction by 2025
- Scope 3 - 50% reduction by 2027
- Car and Mobile Workers: 100% fully electric or hybrid vehicles by 2027

Carbon reduction initiatives

Electricity

- Our provider must guarantee their electricity is from a 100% renewable sources.
- Invest and introduce energy saving devices.
- Utilise natural light sources.
- Replace traditional compressors with Hydovane or similar technological and energy saving characteristics.
- Install variable speed drive on compatible motors.
- Investigate the installation of monitoring sub meters.



Gas

- Replace gas powered heating systems with Biomass or Ground heat pumps where it makes sense to do so.
- Install mechanisms on doors and openings to prevent heating systems being used while they are open.

Fuels

- Continue to invest in electric vehicles and infrastructure to meet our customers' demands.
- Complete worker travel surveys, encourage car sharing and utilisation of the cycle to work scheme.

The projects will be introduced through investments, using best at time technologies, educating our workers and suppliers and through our continued partnerships with our customers.

Carbon Reduction Prioritisation

The Executive leadership team plays a vital part in the journey to Net Carbon Zero. Together with our Group Head of EH&S we are in the process of setting up a new Sustainability Board to lead and redefine our overall Sustainability strategy and provide a central point of contact for the garage network and support functions.

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2021 baseline:

1) Environment Management Systems

Rivus are certified to ISO14001:2015; our Management System is regularly reviewed and updated to ensure it remains current and in line with any obligatory requirements.

2) Reducing plastic waste

Working with our main after-market parts provider we have successfully implemented a solution for components supplied into our garages whereby plastic bag usage and recycling / waste generation has been eliminated.

3) Electric Company Vehicle Incentives

To encourage our Company car drivers to select more environmentally friendly vehicles an additional incentive is offered if they select an electric vehicle. ICE vehicles will be removed from the list in 2023.

4) Electric Vehicles Customer Focused Carbon Reduction

To support our customers' carbon reduction plans and assist with their transition to lower carbon vehicles, we have invested in a dedicated team focused specifically on alternative fuels and developing a comprehensive strategy to support carbon reduction. We focus on supporting our customers to navigate their challenges and guide them toward their goal of reduced emissions.



5) Operations Relocations

The business moved its Customer Operations functions to a new location, the new location has energy conservation features including improved insulation, intelligent lighting, improved natural daylight and electric vehicle charging points all of which assist in the energy and carbon reduction programs.

6) Agile Working

Where practical our workers operate from home full-time or for customer support activities the various teams work from home on a rotational basis.

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 reporting](#)².

Scope 1 and Scope 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 Chief Executive Officer.

Signed on behalf of Rivus:



Victoria Knight, CEO

Date:

23 October 2023

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>