

Rivus Carbon Reduction Plan

Publication date: April 2021

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 as such were produced prior to the introduction of any strategies or reduction plans. Baseline emissions are the reference point against which emissions reduction will be measured going forward.

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

Additional Details relating to the Baseline Emissions calculations.

A majority of Rivus workshops are on shared sites where the utilities usage is currently monitored by the landlord, calculations for the workshops are based on invoices, invoices are converted to approximate KWh using average £ to KWh averages for the UK in 2021 for each energy source with the usage estimated from invoices from premises under Rivus control.

Energy	Percentage	Avg KWh	Std Charge
% Gas £	33%	12.93p	0.26
% Elec £	67%	1.92p	0.25

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)

With the COVID-19 pandemic affecting the way in which our organisation operates the 2021 baseline will be recalculated during 2022 whereby this will give a true reflection of the TCo2 produced.

Due to the restrictions imposed during the pandemic our support centres predominately worked from home while our mobile support teams and garage network continued to operate providing support to key worker sectors.

While the 2021 baseline figure will not provide a true reflection of our emissions, we as a responsible organisation are commencing our carbon reduction strategy during Q1 of 2022 and will revisit the baseline evaluations and plans in Q1 2023.

Baseline year emissions 2021	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	4418
Scope 2	1912
Scope 3*	8749
Total Emissions	13210

Transport and distribution of Electric vehicles, Transport and distribution of supplied Electricity, Agile and home worker energy

Current Emissions Reporting

Reporting Year: 01-01-2022 to	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	1113
Scope 2	10
Scope 3 (Included Sources)	2142
Total Emissions	3265

Management Systems

Rivus are certified to ISO14001 supported by an environmental management system (EMS), the EMS is regularly reviewed and updated to ensure it remains current and in line with any obligatory requirements.

Emissions reduction targets

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

Scope 1 emissions: 50% reduction by 2025

Scope 2 emissions: 65% reduction by 2025

Scope 3 emissions 50% reduction by 2027

Car and Mobile workers: 100% fully electric or Hybrid vehicles by 2027

Carbon Reduction Initiatives

Calculations are still being made to verify the emissions reductions for the planned projects, we are confident they will achieve the desired results.

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 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 play a vital part in the journey to Net Carbon Zero and are in the process of setting up focus group who will lead our sustainability, carbon reduction 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.

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.

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.

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.

Following a trial last year, we have supplied 351 electric vehicles to one of our customers, 122 electric vehicle charging points have been installed. Additionally, battery packs are being supplied to a selection of customers to enable them to operate vehicle installed equipment without the engine running.

Operations Relocations

The business has recently 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.

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

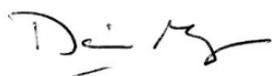
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

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:



David Myers
CEO

Date:

29th April 2022

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>