



Winder Phillips Associates (WPA) - Carbon Footprint Statement and Carbon Reduction Plan

About us

WPA is a specialised management consultancy established in 1999 by Keith Winder and Richard Phillips with the aim of providing clients with high quality rail operations advice and practical solutions based on good practice. In this time, we have worked in every part of the rail industry in the United Kingdom and we have also undertaken some major international commissions. Our extensive list of satisfied clients reflects this breadth of engagement in helping to deliver focused operational improvements.

Applying our partners' extensive expertise for the benefit of our clients has always been a core WPA principle and as new partners have joined it is now even more powerful. We are proud that this remains our key strength to this day.

Commitment to achieving Net Zero

WPA is committed to achieving Net Zero emissions by 2050. Furthermore, through our Carbon Reduction Plan we are targeted to achieve Net Zero emissions by 2041.

Scope 3 emissions (indirect emissions in the value chain) represent around 94% of the total in-scope baseline emissions and this mostly consists of Business Travel. Therefore, achieving the 2050 target will mostly require us to develop a remote working environment and improving our green transport policies. Further improvements across the three emission scopes will come about as a matter of course (via UK Gov targets and requirements, evolution of industries, new regulations etc.) and will require active engagement by us with our staff as well as development of our operational policy.



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: 1st April 2018 to 31st March 2019 (Financial Year)	
Additional Details relating to the Baseline Emissions calculations.	
We have made a comprehensive audit of the included scope emissions from this baseline year in order to get a full impression of business as usual. Our projections are based on growth of the business which are reflected in our Business-As-Usual CO ₂ emissions. We have made these calculations based on our Financial Control over our emissions.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	1.9
Scope 2	0.2
Scope 3 (Included Sources)	31.6 This includes the following sources which are within the inclusion categories for Scope 3: <ul style="list-style-type: none"> • Waste generated in operations • Business travel All other categories were identified as not applicable
Total Emissions	33.8 (tCO₂e)

Current Emissions Reporting

Reporting Year: 1 st April 2021 to 31 st March 2022 (Financial Year)	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	2.4
Scope 2	0.2
Scope 3 (Included Sources)	3.3 This includes the following sources which are within the inclusion categories for Scope 3: <ul style="list-style-type: none">• Waste generated in operations• Business travel All other categories were identified as not applicable
Total Emissions	5.9 (tCO₂e)

Emissions reduction targets

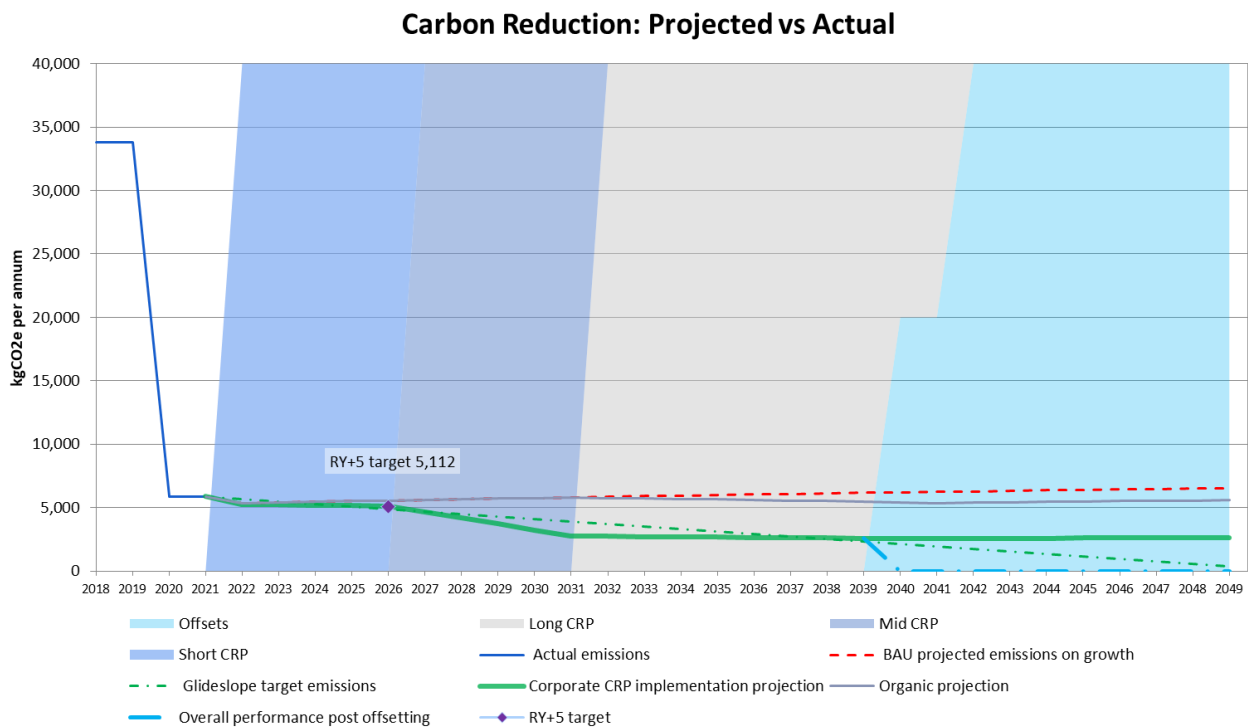
In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

We project that our carbon emissions will decrease over the next five years to 5.6 tCO₂e by FY2026-27. This is a 5% decrease in our BAU emissions even with the growth of our business.

Our current strategy is to make emissions reductions via a 3-stage CRP and concluding with zero emissions by 2050/51 at the latest. It is our current intention to practicably minimise all emissions by 2040/41. From that point we aim to offset all residual emissions such that our carbon footprint defined by this PPN is zero from 2041/42 through to 2050/51.

Therefore, our target for 5 years from the Reporting Year is 5.1 tCO₂e (an 8% decrease against BAU projections).

Progress against these targets can be seen in the graph below:



Carbon Reduction Projects

The following environmental management measures and projects have been completed or implemented since the 2019 baseline. The carbon emission reduction achieved by these schemes equates to 3.3 tCO₂e, a reduction of 9% against the 2019 baseline and the measures will be in effect when performing the contract:

- PV System installed
- High standard insulation installed
- Shift to green energy tariff
- LED lights installed
- All electrical appliances unplugged when not in use
- All air travel held off

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

- **Improvements in public transport (Long-term, External delivery)**
It is assumed that local public transport will continue to improve their emissions through the use of electric/biofuel and hybrid surface transport as well as sourcing all rolling stock transport emissions from renewable sources. This will, in turn, reduce emissions relating to business travel.
- **Video conferencing reducing business travel (Short-term, Corporate delivery)**

Further gradual shift of business travel to e-conferencing and similar.

- **All working from home electricity to be purchased from renewables (Mid-term, Corporate delivery)**

While the company has no mandate over how domestic energy is purchased, incentives and assistance can be offered to raise the percentage of purchased renewable energy by staff up to 100%.

- **All working from home gas to be purchased from renewables (Mid-term, Corporate delivery)**

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- **Improvements in municipal waste management systems (Mid-term, External delivery)**

This is the external expectation that council-managed waste handling processes will improve over time especially with regards to handling of recyclable waste.


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.

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 board of directors (or equivalent management body).

Signed 

Name: Steve Curtis

Position: Partner

Date: 01 June 2022

This report has been prepared by McGrady Clarke Group Ltd

www.mcgradyclarke.com/



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>