

# CARBON REDUCTION PLAN

## COMMITMENT TO ACHIEVING NET ZERO

ChandlerKBS is committed to achieving Net Zero emissions by 2030.

## 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: 2022		
Baseline year emissions:		
EMISSIONS		TOTAL (tCO <sub>2</sub> e)
Scope 1		41.61
Scope 2		31.91
Scope 3 (included sources)		
	Category 4 - Upstream transportation and distribution	
	Category 5 - Waste generated in operations	
	Category 6 - Business travel	40.07
	Category 7 - Employee commuting	57.89
<b>Total Emissions</b>		171.48
<b>Total Emissions per FTE (140)</b>		1.22

*NB: emissions have been calculated using the UK government gas conversion factors*

<b>Current Year: 2023</b>		
Table to be updated as data is collated through the year. Interim figure to be added July 2023.		
<b>Reporting year emissions:</b>		
<b>EMISSIONS</b>		<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>		
<b>Scope 2</b>		
<b>Scope 3 (included sources)</b>		
	Category 4 – Upstream transportation and distribution	
	Category 5 – Waste generated in operations	
	Category 6 – Business travel	
	Category 7 – Employee commuting	
<b>Total Emissions</b>		
<b>Total Emissions per FTE (tbc)</b>		

### CARBON REDUCTION TARGETS

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

We project that carbon emissions will decrease over the next five years to 120.04 tCO<sub>2</sub>e by 2027. This is a reduction of 30%.

- Run internal awareness campaigns to educate and drive awareness to all employees and contractors.
- Reduce gas consumption by replacing thermostats on all radiators, renewing boiler with a more efficient system and controlling with a HIVE.
- Develop a roadmap towards achieving net zero.
- Roll out of electric car charging units at more offices.
- Move towards energy efficient devices for end users at all offices. Approved A\* -A ratings.
- Reduction of physical telephones in main offices with new TEAMS solution.
- Ongoing replacement of workstations with lower wattage power adaptors.

## COMPLETED CARBON REDUCTION INITIATIVES

Although We have not formally recorded the impact of these initiatives we estimate that we have achieved a carbon reduction of circa 25%. The following environmental management measures and projects have been completed or implemented prior to the 2022 baseline.

- Launch of environmental policy outlining our commitment to minimizing our impact on the environment.
- Move away from physical servers in offices to one central server in Cardiff.
- Update of UPS at Cardiff from (2 x 16A 5000v to 2 x 13A 3000v units).
- Adoption of paper cut at Cardiff – reduction in physical printing and enforced sleep settings on all printers. Auto delete of unprinted jobs after 24 hours.
- Environmental recycling to 3<sup>rd</sup> party organisations.
- Sustainable sourcing of equipment from hardware vendors.
- Reduction on shipping of equipment with set up of overseas accounts for internal shipping to EU countries from Germany / Italy.
- Working with green hardware vendors (eg: Dell).
- Introduction of conferencing facilities in offices to reduce travel.
- Introduction of hybrid and electric vehicles to the car fleet list.
- Fitting of two electric car charging units at Cardiff office.
- Updated lights at Cardiff office with LED lights and PIR units in office and lift.
- Achievement of ISO18001.
- Introduction of recycling bins and Shred-It service disposing of all paper in a secure way that is 100% recycled after shredding.
- Recycling of equipment no longer in service for re-use elsewhere.
- Purchase of recycled materials used in the office, eg paper, photocopier cartridges, toilet rolls, hand towels.

## 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 publish reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

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) Standard.

Signed:



Name: Simon Parkhouse  
Position: Partner Responsible for Health and Safety

Date: January 2023  
Next Review Date: July 2023