

Carbon Reduction Plan

Supplier name: Systems Engineering and Assessment Ltd (SEA).

Publication date: November 2021

Commitment to achieving Net Zero

SEA 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.

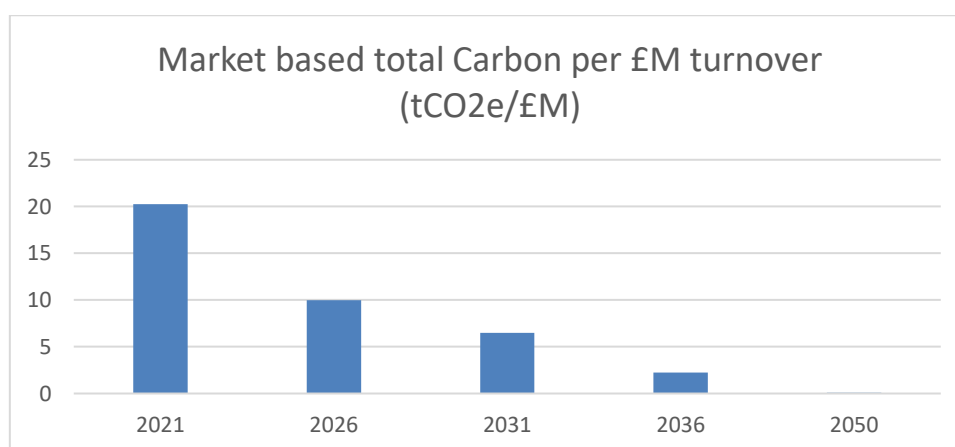
Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: FY 2020/2021	
Additional Details relating to the Baseline Emissions calculations.	
Historic baseline deviates from the requirements under PPN 06/21 as follows: <ul style="list-style-type: none">• Scope 1 Emissions not included are<ul style="list-style-type: none">• Process emissions – We have zero process emissions	
Baseline year emissions:	
EMISSIONS	TOTAL per £M Turnover (tCO ₂ e/£M)
Scope 1	5.98
Scope 2	5.94
Scope 3	8.32
Total Emissions	20.24

Emissions reduction targets

We project that our carbon emissions will decrease over the next five years to 9.98 tCO₂e per million £ turnover by 2026.

This is a reduction of 51%, progress against these targets can be seen in the graph below:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2020/21 baseline. The carbon emission reduction achieved by these schemes has not yet been measured.

- Switched our electricity to a green energy supplier at most of our sites.
- Implemented a free charge your electric car at work scheme
- Purchased hybrid company vehicles
- Replaced inefficient boilers with modern condensing alternatives
- Encouraged the use of online meetings
- Upgraded IT hardware to support working from home

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

- Move all our site electricity supplies to green energy supplier
- Procure pure electric company vehicles
- Install additional EV chargers on all of our sites
- Support local green initiatives (tree planting etc.)
- Replace gas boilers with hydrogen alternatives or heat pumps

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 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,

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:



Richard Flitton, Managing Director

Date: 25-Nov-21