

Supplier name: AKSWard Limited.

Publication date: 15 July 2022

Introduction

AKSWard is a Structural and Civil Engineering & Building Surveying Consultancy with offices across the South of England. It provides design and advice services to the Construction Industry producing designs and reports that are typically issued electronically its carbon generation is predominantly through activities within its offices and travel to construction sites.

Through our own research and study, we have established that we can best achieve reductions in carbon generation through our design activities by carefully selecting a specifying materials and products. The savings we can achieve through design activities far exceed anything we do in performance of our day-to-day activities.

In carrying out our duties we subscribe to the Institution of Structural Engineers guidance of 'Build nothing, build less, build clever'.

Notwithstanding the above we recognise we need to make every effort across all our activities, including performance of our duties, to reduce our carbon generation.

Commitment to achieving Net Zero

AKSWard is committed to achieving Net Zero emissions by **2040**. This reflects a cautious reduction in the period to Net Zero arising, originally set as 2050, from assessment of progress made to date and acknowledges the effects of the global Coronavirus Pandemic. This will be kept under review in future updates of the plan.

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: 2020 measured from January to December
Additional Details relating to the Baseline Emissions calculations.
<i>Our emissions measurements cover Scopes 1, 2 and those parts of scope 3 that apply to our organisation all as defined in PPN 06/21 using factors given in the spreadsheet 'Conversion Factors 2020 condensed set most users' published by the Cabinet office.</i>
<i>Scope 1 Measurements cover:</i>
<ul style="list-style-type: none"> • Fuels - Gas
<i>Scope 2 Measurements cover:</i>
<ul style="list-style-type: none"> • UK Electricity
<i>Scope 3 measurements cover:</i>

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Scope 1 Measurements cover:

- Fuels - Gas

Scope 2 Measurements cover:

- UK Electricity

Scope 3 measurements cover:

- *Water Supply (based on utility supply bills)*
- *Water Treatment (based on utility sewerage bills)*
- *Waste Disposal – Paper*
- *Business Travel – Air*
- *Business Travel – Land*
- *Business Travel – Sea*

Baseline year emissions (2020):

EMISSIONS	TOTAL (tCO₂e)
Scope 1	7.4
Scope 2	14.1
Scope 3 (Included Sources)	11.2
Total Emissions	32.7

Current Emissions Reporting

Reporting Year: 2021

EMISSIONS	TOTAL (tCO₂e)
Scope 1	2.5
Scope 2	9.8
Scope 3 (Included Sources)	8.0
Total Emissions	20.3

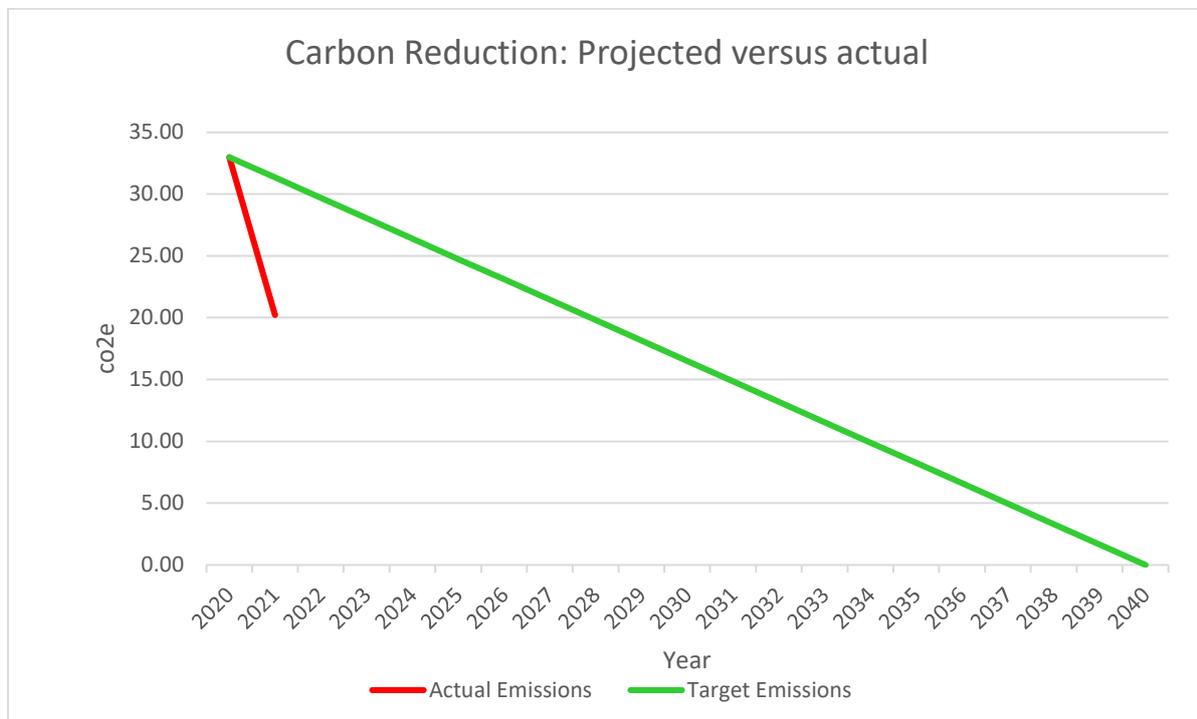
Emissions reduction targets

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

- Reduction in electricity use through
 - ensuring all equipment is turned off when not in use
 - turning off all lights in unoccupied rooms
 - at end of life, replacing equipment with low energy equivalents
- Reduction in paper use through
 - encouraging the use of electronic reading and marking-up aids rather than printing
 - re-use of paper before disposal
- Reductions in Business Travel emissions through
 - increasing the use, where appropriate and feasible, of Public Transport, walking or cycling (the latter encouraged by the use of our Cycle to work scheme.)
 - maintaining & increasing the use of videoconferencing.

We project that carbon emissions will decrease to **24.75** tCO₂e by **2025**. This is a reduction of **25%** below the baseline which falls in line with our overall target for Net Zero in 2040.

Progress against these targets will be monitored in future reports using the graph below:



As can be seen from actual emissions we are ahead of our target but believe this is an anomaly arising from the effects of the global Coronavirus Pandemic and will be reviewed in future updates of the plan.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

To date no carbon reduction initiatives have been completed but Policies are being introduced to help implement the emissions reduction targets identified above with an emphasis on minimising business travel and reducing energy and paper usage.

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

- *Adoption of equipment using lower energy*
- *Cease use of gas by 2024*

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.

Signed on behalf of the Supplier:

David Perkins - Director

Date: 15/07/2022

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>