

KARL STORZ ENDOSCOPY (UK) LTD

CARBON REDUCTION PLAN

STORZ
KARL STORZ — ENDOSKOPE

Carbon Reduction Plan

Supplier name: KARL STORZ Endoscopy (UK) Ltd

Publication date: 31 March 2023 (Version 3)

Commitment to Achieving Net Zero

KARL STORZ Endoscopy (UK) Ltd is committed to achieving Net Zero emissions by 2040.

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: 2018	
Additional Details relating to the Baseline Emissions calculations.	
<p>For the 2018 baseline figures, Scope 3 emissions are limited to Water Supply and Treatment, Air Travel, Electricity Generation, Transmission and Distribution and do not include the following:</p> <p>Upstream indirect emissions: Purchased goods and services, capital goods, transportation and distribution, waste generated in operations, employee commuting or working from home.</p> <p>Downstream indirect emissions: Processing of sold products, use of sold products or end of life treatment of sold products.</p> <p>These emissions need to be identified, measured, recorded, and included in our total CO₂e emissions. A further subset of Scope 3 data will be released in our 2023 submission which will align with the requirements of PPN 06/21.</p>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	647.16
Scope 2	105.6
Scope 3 (Included sources)	69.22 Includes: Water Supply and Treatment, Air Travel, Electricity Generation, Transmission and Distribution.
Total Emissions	821.98

Carbon Reduction Plan

Current Emissions Reporting

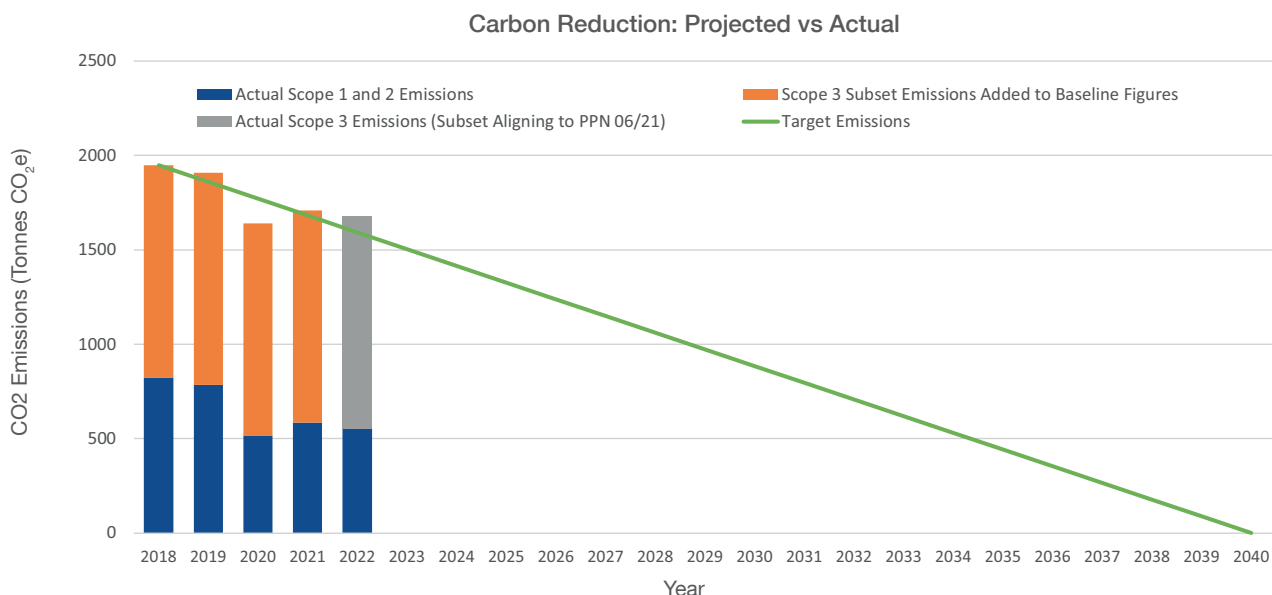
Reporting Year: 2022	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	432.57
Scope 2	63.52
Scope 3 (Included sources align to PPN 06/21)	1182.56 Includes: Water Supply and Treatment, Air Travel, Electricity Generation, Transmission and Distribution, Employee Commuting, Waste Generated, Upstream and Downstream Transportation of Product.
Total Emissions	1,678.65

Emissions 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 four years to 1,151 tCO₂e by 2027. This is a reduction of 28%. Once our full Scope 3 emissions are calculated, we expect our reported output to increase to reflect our actual complete carbon emissions but expect to see the same percentage reductions.

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



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Carbon Reduction Projects

Completed Carbon Reduction Initiatives:

The following environmental management measures and projects have been completed or implemented since the 2018 baseline. The carbon emission reduction achieved by these schemes equates to 258.32 tCO₂e, a 31.4% reduction against the 2018 baseline.

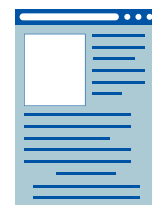


Installation of LED lighting across all UK facilities. This equates to a 38.79 tCO₂e reduction in Scope 2 tCO₂e:

36.74%



Maintained certification to
ISO:14001:2015



Implemented EDI for purchasing new equipment reducing our paper and printing resources. Reduction in 300,800 sheets of paper from 2019-2022. A saving of

3.1 tCO₂e



Reduction in the use of fuel for company vehicles. We have deployed digital meeting platforms (Zoom and Teams) and therefore have reduced our fleet vehicle fuel consumption from 612.9 tCO₂e in 2018 to 396.65 tCO₂e in 2022. A reduction of

216.26 tCO₂e



Implemented FastField for the digital transfer of data instead of using pre-printed forms or printing. Reduction in printed and pre-printed paper of 16,640 sheets of paper from 2019-2022.

A saving of

0.17 tCO₂e

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

- Expanding the Solar Array in our Slough Office
- Increasing our electric charge points in the car park for staff and visitors and incentivising their use
- Review corporate fleet for conversion to a hybrid or electric vehicle where possible
- Achieve 0% waste to landfill
- Implement a digital archiving programme

Carbon Reduction Plan

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 standard¹ for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard 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 UK Board of Directors.

Signed on behalf of KARL STORZ Endoscopy (UK) Ltd:

Signature: 

Name: Mike Perks

Title: Managing Director

Date: 31st March 2023

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>



KARL STORZ Endoscopy (UK) Limited
415 Perth Avenue, Slough, Berkshire, SL1 4TQ
United Kingdom
Phone: +44 (0)1753 503500
E-Mail: info-uk@karlstorz.com
www.karlstorz.com

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