

Visual Systems

Carbon Reduction Plan

Publication date: 23/04/2024

Commitment to achieving Net Zero

Visual Systems is committed to achieving Net Zero emissions by 2045 at the latest.

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 formal strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: 2022/23

Additional Details relating to the Baseline Emissions calculations

The figures in this report refer to emissions under Visual Systems operational control. The conversion factors used are for location based reporting.

Part of this plan is to improve the scope and accuracy of data going forward.

All data has been compiled with reference to and using data from :

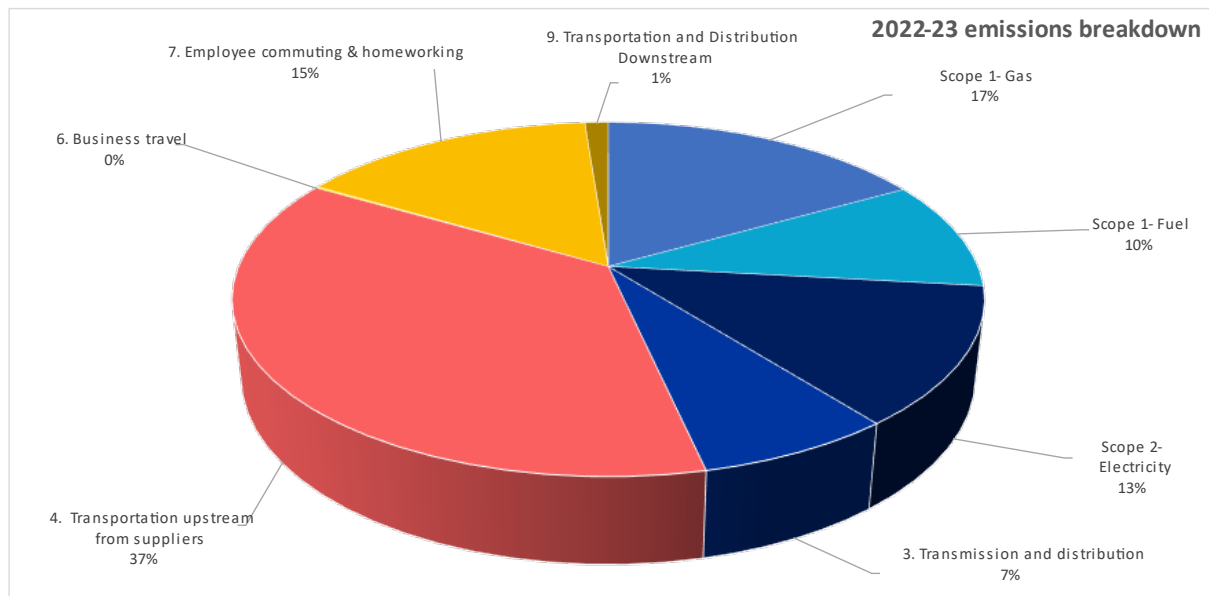
- <https://ghgprotocol.org/corporate-standard>
- <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting> (2023 data set)

The figures and information used in calculations have been provided as accurate to the best of our knowledge and as far as practicable we have assumed that figures are representative of our operations. We undertake a continual process of improving our data quality. In the case that we identify any material changes, we may recalculate the data in the future.

Baseline year emissions for 2022/23		2022/23
EMISSIONS	Source	(tCO ₂ e)
Scope 1	Space heating	3.03
Scope 1	Fuel	1.79
Scope 2	Electricity	2.27
Scope 3		10.94
Category 3	Transmission and distribution	1.29
Category 4	Upstream transportation and distribution –	6.64
Category 5	Waste generated in operations	0.01
Category 6	Business travel	0.02
Category 7	Employee commuting	2.75
Category 9	Downstream transportation and distribution	0.22
Total Emissions	Overall total	18.04 tCO₂e
Per employee		2.26 tCO₂e

Current Emissions Reporting

As baseline



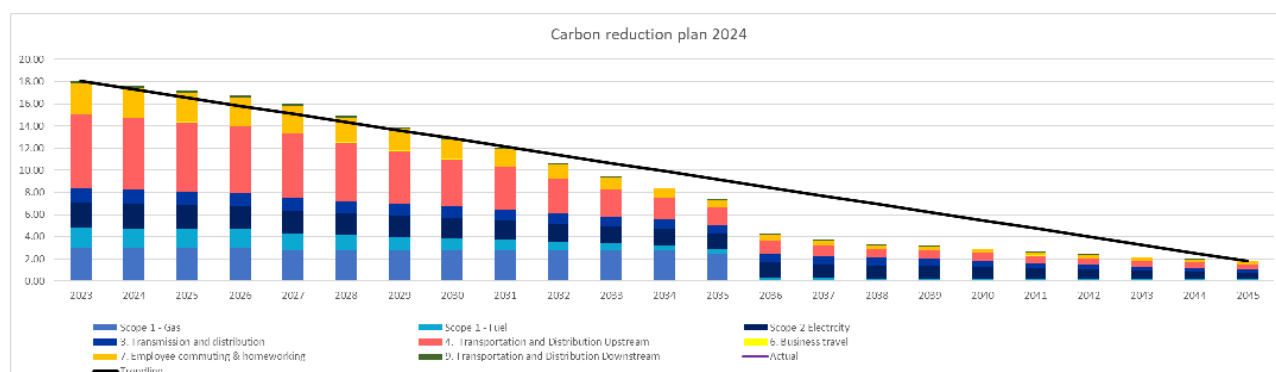
Emissions reduction targets

In order to our progress to achieving Net Zero, we have adopted the carbon reduction targets detailed in the graph below.

These targets will be updated and recalculated as additional Scope 3 categories are added and data quality is improved (if changes create >5% variance in original calculations).

We project that carbon emissions will decrease to circa 12.9 tonnes by 2030. This is a reduction of 28% from our baseline year, on average a 4% year on year reduction.

Our reduction path is plotted below.



The progressive ongoing reductions come predominantly decarbonisation of grid electricity and improvements in energy efficiency through investment and technology. As our footprint is dominated by employee and supply chain transportation, we have assumed an acceleration in reductions from adoption of lower carbon vehicles from 2030 based on current legislation and manufacturer plans.

The plan assumes some unavoidable emissions will remain by 2045, and these will be offset via a verified method of atmospheric CO₂ removal.

We anticipate this path will change significantly over time as our options are evaluated and technology changes.

Completed carbon reduction projects

- All lighting is now LED and we have sensor controls in low footfall areas.
- EV charging point installed.
- Fleet carbon reduction plan in place.

Future carbon reduction initiatives

1. Encourage / incentivise colleagues to choose lower carbon vehicles when they change them.
2. Long term (by 2035)- replacement of fossil fuel based heating with electric or other low carbon solution.
3. Long term (by 2035) - sourcing of proportion of energy from on site renewables.
4. Engage supply chain to understand and where possible support their carbon reduction plan development and delivery.

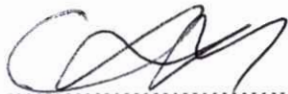
Declaration and Sign Off

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, the Corporate Value Chain (Scope 3) Standard².and uses the appropriate Government emission conversion factors for greenhouse gas company reporting³. The Scope 3 emissions reported have been calculated 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.

Signed on behalf of Visual Systems:



Date: 29/4/2024

¹<https://ghgprotocol.org/corporate-standard>

²<https://ghgprotocol.org/standards/scope-3-standard>

³<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>