

IEG Carbon Reduction Plan

Supplier name: **Inspire Education Group**

Publication date: **24/02/2025**

Commitment to achieving Net Zero

Inspire Education Group 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: 2021/2022 (Rebase lined from 2019/20 following return to normal operation after COVID-19)	
Additional Details relating to the Baseline Emissions calculations.	
The Baseline year has been set as 2021/22 as this is the first full year of usage post Covid.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	757.27
Scope 2	523.92
Scope 3 (Included Sources)	17.36 (grey fleet only)
Total Emissions	1,298.55

Current Emissions Reporting

Reporting Year: 2023/24	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	708.78
Scope 2	505.72
Scope 3 (Included Sources)	24.66 (grey fleet only)
Total Emissions	1,239.16

Emissions reduction targets

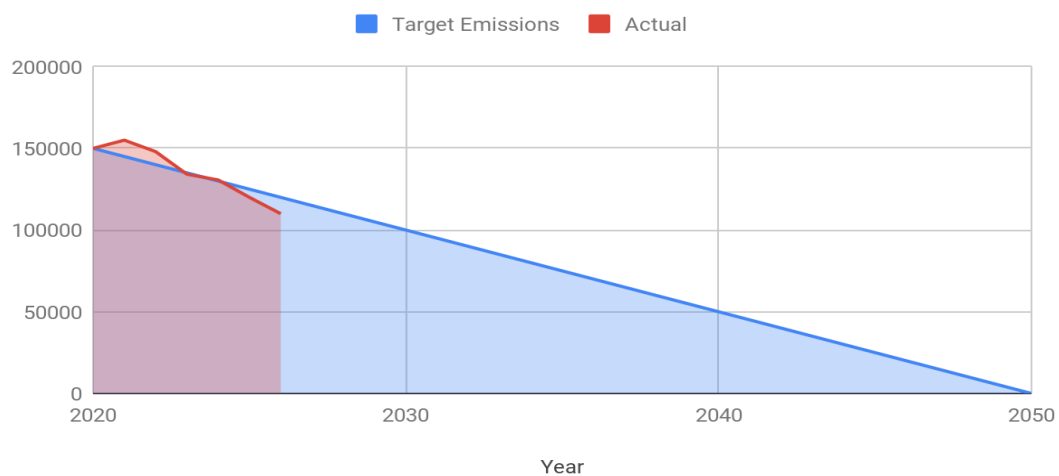
In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

We project that carbon emissions will decrease over the next five years to 100 tCO₂e by 2030. This is a reduction of 8%.

Our 2050 targets are being finalised in line with our decarbonisation plan and will be issued by 31 March 2025.

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

Carbon Reduction: Projected vs. Actual



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2021/22 baseline. The carbon emission reduction achieved by these schemes equate to 20 tCO₂e, a 1.5%ge reduction against the 2021/22 baseline and the measures will be in effect when performing the contract.

IEG have completed multiple large-scale capital projects since 2020 which have assisted in our drive to net zero. At our Stamford campus we designed and constructed a new 901 sqm, £3.3m construction teaching block which opened in July 2022. This was designed to BREEAM very good standard and will be used for teaching students' modern methods of construction. The heating and hot water are provided through air source heat pumps. There are 56 photovoltaic panels installed on this building to offset the energy usage within the block.

At our Peterborough campus we are completing construction of a 2,345M2 centre for Green technology teaching block. The centre is focussed on the delivery of green skills accreditations in Electrical vehicle, EV Charge points, ground and air source heat pumps, modern methods of technology and Green Engineering. The block has numerous green elements which support the groups drive to net zero including 56 photovoltaic panels installed on this building to offset the energy usage within the workshops, toilets which harvest rain water and recycle this for use, is designed to BREAMM to Good. The block also has 4 EV charge points which are heavily subsidised for staff use, car sharing spaces to encourage this practice, additional cycle storage has also been installed to support this practice for users of the block

Alongside large capital projects Inspire Education Group are committed to achieving our Net Zero targets and have implemented the following measures to support this:

- Replacement of 80% of Peterborough College main building windows
- 710 M2 or 80% of flat roofing replacement has been completed across our estate
- Replacement of convection radiators with radiant panels and localised thermostatic control.
- Converted one teaching block to get the space to be as close to net zero as possible removing all gas at a cost of £422K. The works included:
 - Replacing the roof system.
 - Installed solar PV panels.
 - Replacing all doors and windows, including integral window blinds to help with solar glare and temperature control.
 - Installation of air source heat pump system to provide heating and cooling to all classrooms and office spaces.
 - The gas boiler de-commissioned and removed
- Installed Electric Vehicle charging points at Peterborough and Stamford College sites.
- Continued our IT replacement programme with more energy efficient models, replacing desktop computers for chrome books.

- Implemented flexible working to reduce staff journeys.
- Implemented meat free days in main catering outlets.
- Replaced multi-function devices across the group.
- Introduced printer software to reduce electricity paper and toner waste.
- Engaged with curriculum to embed environmental and sustainability qualifications on all courses.
- Planted 420 trees across our campuses.
- Revised signage and bins across all sites to reduce waste and promote recycling.
- Implemented 'No-mow May' for the second time.
- Introduced crisp packet recycling points.
- Replacement of inefficient catering equipment with new models
- Replacement of 5 gas boilers at the end of their lifespan with new energy efficient models.

In addition to the above measures, IEG have secured a number of environmental awards which reflect the progress made to date whilst celebrating our success:

- The Group won a Green Apple International Silver Award for environmental best practice in education and training 2023
- The Group won an International Gold award in the corporate social responsibility (CSR) 2024 for the work undertaken in reducing our carbon footprint, embedding sustainability and new green technologies to our learners.
- The Modern Method of Construction block at our Stamford Campus won an international Building and Construction Green Apple Award in 2024.
- The group maintained our Investor in the Environment (IIE) Accreditation Green Award for the effect of improvement works and environmental initiatives have had in reducing our carbon footprint.

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

- IEG are moving to a different model of procurement for gas and Electricity focussed on buying energy from future markets to reduce cost and enable all supplies to be fully sourced from renewable fuel.
- Review and implementation of water saving measures across our estate
- Installation of Solar batteries to enhance the use of renewable energy.
- Development and launch of IEG's Energy and Sustainability Strategy.
- Inspiring sustainability group set up involving staff from across the group looking to develop and implement IEG's green plan, 'Inspiring Sustainability'.
- Working with an external company to undertake a decarbonisation plan for our estate.
- Installed energy monitors across our estate to monitor assets and identify opportunities for carbon reduction.
- Energy-efficient replacement lighting to continue across the estate.
- Ongoing assessment to reduce heating emissions.
- Investigating plans ahead of installing more photovoltaic panels across the group.
- Regular reviews of opportunities to reduce heat-loss, water consumption and to improve recycling.

- Working with consultants on water saving measures and energy asset management.
- Offset some of our carbon emissions and increasing bio-diversity by tree planting, limited grass mowing, and installing bird and insect homes.
- Monitoring our operational hours to condense and reduce late openings and early starts.
- Developing an Estates masterplan for the phased construction of replacement teaching blocks across our estate removing gas and developing bio diverse external environments to support the drive to net zero.

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 (or equivalent management body).

Signed on behalf of the Supplier:



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Name: Ed Thomas, IEG Chief Operations Officer

Date: 24/02/2025

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>