



Carbon Reduction Plan 2024

Commitment to Net Zero

Energy Efficient Solutions Group is committed to tackling the climate crisis and to reducing the emissions associated with our activities, in line with the UK Government's Net Zero target by 2050.

We are committed to reducing our direct and indirect emissions as much as possible through a series of targeted actions aimed at our largest sector of emissions.

We recognise that the products that we supply and install are the catalyst to allow our clients to decarbonise their estates, and we predict strong growth in the next 10 years, which means that inevitably some elements of our supply chain emissions are predicted to increase as the company expands. Due to EESG's ever growing capacity, we shoulder the burden of implementing green economy solutions with high quality manufacturing which we understand comes with a carbon cost, however transparency is paramount and our commitment in applying any carbon reduction practices possible across all scope emissions is a priority.

Because of the growth of our company and our expanding activities, we commit to offsetting twice the complete annual scope 1, 2 and 3 emissions that are generated by our operations to ensure that we are a truly carbon negative organization. We believe that by double-offsetting our annual emissions footprint we can sustainably grow as a company and help our customers to take the critical actions necessary to reduce their energy consumption and direct emissions.

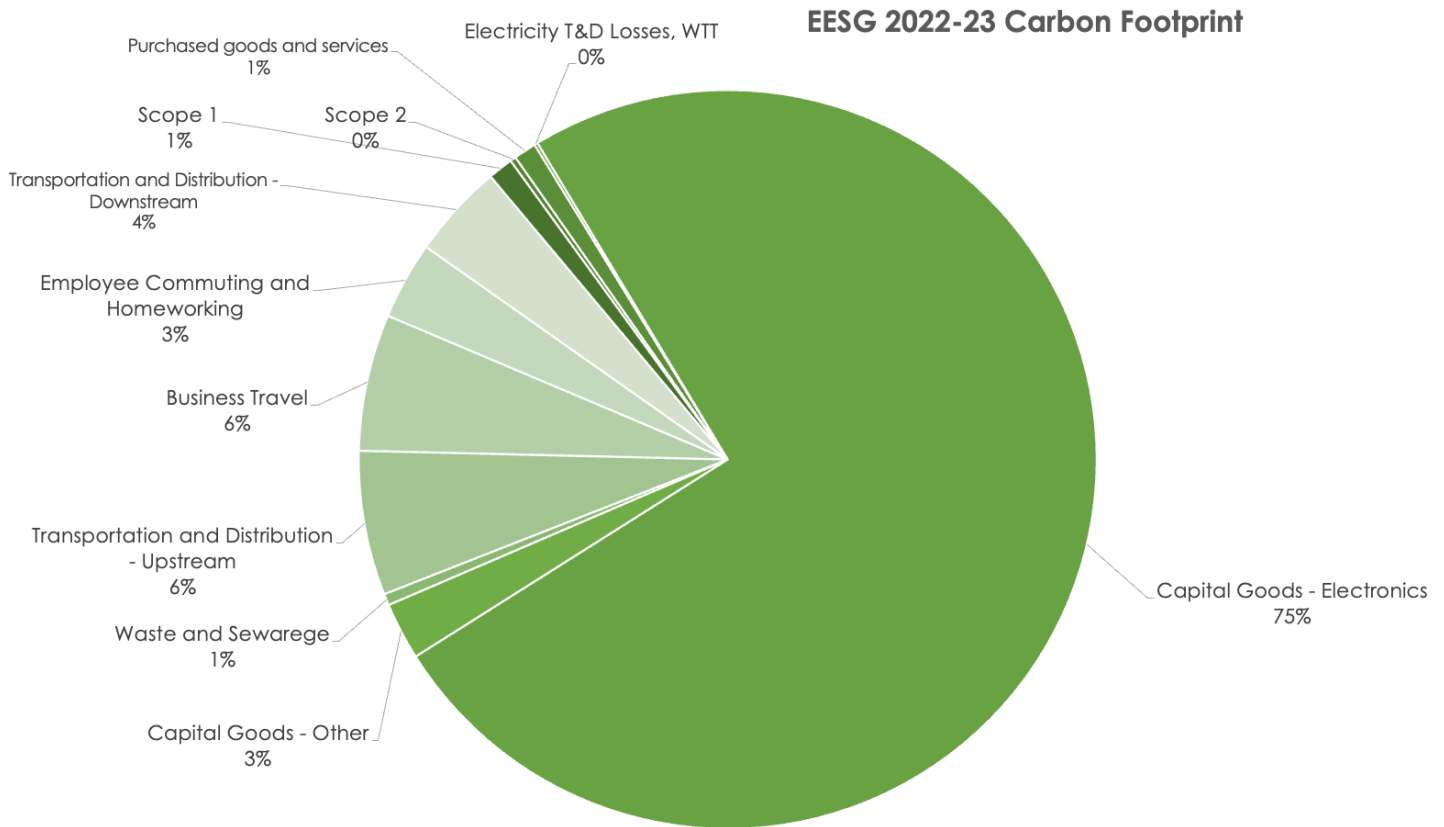
Our most rewarding achievement of 2023 was receiving B Corporation Certification with a score of 103.3, emphasizing our continual commitment to the reduced impact on social and environmental aspects of our organisation.

Continuing the trend from 2021, for 2023 we have offset 200% of our annual carbon emissions through global renewable energy projects with Carbon Neutral Britain.

Our 2023 Carbon Report delves in more detail into carbon accounting and EESG's 2023 progress.

EESG has declared 2021 as our baseline emissions year.

Our Carbon Footprint 2023



It is clear EESG’s largest emission factor is Capital Goods, which equates to the products purchased and installed at customer premises, such as LED Lighting and Solar PV Systems. Although this appears a large sum, these products are used to ultimately reduce our customers carbon emissions through their energy production. In the near future we will begin to report our *Scope 4 Emissions* such as these to illustrate how our products and services lead to a large carbon saving for our customers and the community.

*Mandatory emissions reporting does not include all scope 3 emissions such as those involved in the manufacture of our products. We include our entire scope 1, 2 and 3 emissions in our calculated footprint.

Carbon Reduction Initiatives

We recognise that the emissions associated with the transportation and distribution of our products and the movement of our staff and installation teams represent a significant component of our emissions and we are committed to reducing them. We are also committed to ensuring that we collect this data in the most effective way possible to ensure that it is as accurate as can be.

Completed Carbon Reduction Initiatives

The following environmental management measures have been completed since 2021:

- In 2023 EESG became **B Corporation** Certified highlighting our commitment to meeting the highest standards of social and environmental performance and transparency.
- Our environmental management system is UKAS certified to **ISO14001** by BSI.
- Our office/warehouse procures **100% renewable electricity** through a REGO tariff which has reduced our Scope 2 emissions to zero under market-based reporting.
- We have developed a **QHSE Committee** highlighting environmental importance of our operations and continual reduction.
- Begun to introduce **electric vehicles** into our fleet.

Planned Carbon Reduction Initiatives

The following initiatives are currently being discussed and we will implement by 2030:

- Continual improvement of the Environmental Management System.
- Submit a SBTi target of a carbon intensity metric.
- Increase the number of electric vehicles in the fleet by 40%, as transportation of people and goods is one of our largest emission sectors.
- Eliminate the use of air freight in the supply of our products.
- Cease procurement of new diesel vehicles within the fleet.
- Scope 3 emissions reduced in terms of carbon intensity (kgCO₂e/£ turnover) by approx. 30% against the baseline year.
- Begin Scope 4 emission Reporting highlighting carbon saved by our customers through our products and services.

Long Term Reduction Targets

The following targets are those which we are committed to achieving in the longer term:

- Absolute elimination of Scope 1 and 2 emissions by 2040.
- Scope 3 emissions reduced in terms of carbon intensity (kgCO₂e/£ turnover) by approx. 40% against the baseline year by 2040.
- *Net Zero by 2050*

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN06/21 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).

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

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

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

Signed on behalf of the Supplier:



CEO