

CARBON REDUCTION PLAN

Supplier name:ES GLOBAL Ltd.....

Publication date:20th February 2024.....

COMMITMENT TO ACHIEVING NET ZERO

ES GLOBAL is a lead contractor for major events and projects around the world, designing and delivering relocatable architecture and structures.

The projects we deliver tend to be extraordinary: milestone moments that live long in the memory. The structures behind the scenes are just as enduring, morphing from project to project and site to site to fit the exacting, often time-critical needs of our clients. Employing infinitely adaptable, reusable components, world-leading technical expertise and a show-must-go-on mindset, we find ways to hit our mark, on time, whatever the obstacles.

We bring the same approach to every project, from one-night-onlys to record-breaking residencies. Our experience in the sustainable staging of music, sports, cultural and corporate events means we're sought out at the earliest stages of projects by clients and creative partners. Not just to design and fabricate the best possible solution, but to see the project through from concept to opening, so that what is delivered is exactly what was hoped for.

We set the scene for the extraordinary, as promised, and deliver the impossible, as planned.

ES GLOBAL is committed to achieving Net Zero emissions by 2040 or sooner.

Fully aligned to the Construction Playbook and committed to achieving net-zero-carbon (NZC) by 2040 we employed a NZC specialist in April 2022 and are currently measuring and capturing our Scope 1, Scope 2 and Scope 3 emissions data.

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: 2023

In light of the impact of the COVID-19 pandemic and the overall development of the company's operation changing significantly over the last few years, after reviewing our operational scope, ES GLOBAL has selected 2023 as our baseline year, as more representative levels of business activities were available in the post-pandemic year.

Our baseline emission inventory includes Scope 1 and 2 emissions. The mentioned scopes, comprise of actual data of any direct and indirect energy consumption within our premises in the UK, France and Japan. We are currently quantifying all the project-based related activity data, whereby this plan will then be updated when the actual data is finalised later 2023.

95% of electricity (Scope 2 emission related activity) used across our operations was produced from renewable sources, which accounts for 25% of our total energy consumption.

Further, from 2024 we will be expanding our carbon management effort to study the greenhouse gas emission across our value chain Scope 3, which will comprise the actual activities of our capital goods, transportation and distribution of our products, waste generated in operation, business travel and employee commuting. Work for quantifying and capturing the selected Scope 3 emission data is ongoing. This work is planned to be completed and finalised by 2025 or sooner, we will further develop our roadmap towards carbon neutrality.

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	46.59
Scope 2	15.05
Scope 3 (Included Sources)	available in draft only
Total Emissions	61.64

CURRENT EMISSIONS REPORTING

Reporting Year: 2023

EMISSIONS	TOTAL (tCO ₂ e)
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Scope 1	46.59
Scope 2	15.05
Scope 3 (Included Sources)	available in draft only
Total Emissions	61.64

EMISSIONS REDUCTION TARGETS

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

Based on our draft figures we project that carbon emissions will decrease over the next five years by 50%

Striving to minimise our environmental and social impacts, allowing further improvement of the reporting and disclosure of our sustainability performance, while currently collecting and analysing our carbon activity data.

CARBON REDUCTION PROJECTS

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since 2020 and the baseline is currently being assessed.

ES GLOBAL has implemented various management system frameworks to ensure that we have the appropriate policies and procedures in place to uphold the highest standards for our services and products. Our company and operational sites within the UK are certified with ISO 9001, ISO 14001, which demonstrate our commitment towards continuous quality and environmental improvement, in addition we also hold the ISO 45001 certification. Moreover, ES GLOBAL will review our project management plan, conducting regular assessments to monitor our activities, making sure our practices are up to the highest standards and minimising any potential risks.

ES GLOBAL opted for an electricity supplier that could provide us with a higher percentage of renewable energy, our main London office and warehouse have been operating with 100% renewable electricity since mid-2020. We are committed to continue supporting the carbon reduction agenda and are determined to minimise the carbon impacts throughout our operations, by:

- Continue to replace diesel forklifts with electric forklifts

- Continue to apply modular design in our components and materials to ensure the space saving concept is embedded in the design of infrastructure to minimise the loading capacity of each shipment, enhancing the transport efficiency by reducing the frequency of shipment and transport emission.
- Increasing the use of renewable energy at other offices and optional sites
- Installing a new electric vehicle charger at the yard to encourage staff to use electric vehicles for travelling.

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

- Working closely with our logistic providers we will identify the most eco-friendly transportation mode and route for delivering the materials to operational sites.
- Collaborating with our logistics partners we will explore any low carbon emission options and using sustainable fuels within their service.
- Conduct energy audits to further explore energy reduction opportunities
- Striving to find innovative technology to reduce our energy consumption throughout our operation. With our partners expertise in design of temporary power supply devices, we will integrate hybrid generators as our energy supply.
- Replacing higher energy efficient light fixture at the yard.
- Offsetting any unavoidable emissions.

Committed to combating climate change, we focus on carbon reduction by avoiding unnecessary transport emission and waste. Using our expertise in designing demountable overlay and infrastructure, we optimise deliveries, enhance transport efficiency and reduce emission of components and materials via a reusable 2D platform approach to modular construction.

Taking pride in our circular economy approach, we avoid carbon emission through minimising our waste through reusable components and packaging. A major success is retrieving 93% of our components from the Tokyo 2020 Games which have been reused in other sporting events. We will continue to enhance our circular economy practice through our key projects, such as supporting Paris 2024 Olympic and Paralympic Games and World Expo 2025 Osaka. We are also committed to drive for more positive outcomes within the industry by promoting circular economy and engaging key stakeholders through various trade associations, such as Association of Global Event Suppliers and Experience UK.

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.

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

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

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).



Jeff Burke
Joint CEO
20th February 2024



Olly Watts
Joint CEO
20th February 2024

Document control

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

Revision History

Revision	Date	Status	Description	Author
R01	Jan 2023	Draft	Initial draft for review	FC
R02	Feb 2023	Released	Document reviewed and approved	FC
R03	Feb 2024	Released	Annual Review and update	FC