

Eric Parry Architects

Publication date: 31 January 2022

Commitment to achieving Net Zero:

Eric Parry Architects is committed to achieving Net Zero emissions by 2025.

Baseline Emissions Footprint:

Baseline Year: 2021	
Additional Details relating to the Baseline Emissions calculations.	
<p>Eric Parry Architects (EPA) is committed to measuring, minimising and reporting on the environmental footprint of our activities and ensuring these are independently verified by third party auditors - in line with UKGBC's Net Zero Carbon Buildings Framework</p> <p>This baseline represents the first full year of our auditing process and at this stage covers Scope 1 and 2 emissions. We are commencing recording and analysing our Scope 3 emissions from 2022 and are aiming to report this baseline next year as we work to fully account for our Scope 1, 2 & 3 emissions as part of our commitment to achieving Net Zero emissions by 2025.</p> <p>As our first baseline set of fully audited and disclosed figures, we recognise that the covid pandemic will have influenced these results. In 2021, we have not had the typical work patterns for office, site, and travel further afield due to Covid. We expect the shift back to the workplace to affect our footprint and also allow for meaningful inclusion of Scope 3 emissions which will help us better understand our work and travel patterns and the impact this has on our business emissions. As part of our processes moving forward we have looked at our pre-covid transport needs and are reviewing opportunities with new working practices to reduce our carbon footprint for business related travel and commuting.</p>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	0
Scope 2	40
Scope 3 (Included Sources)	<i>We are commencing recording and analysing our Scope 3 subset emissions from 2022 and are aiming to report this baseline next year as we work to fully account for our Scope 1, 2 & 3 emissions as part of our commitment to achieving Net Zero emissions by 2025.</i>
Total Emissions	40

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Current Emissions Reporting

Reporting Year: 2021	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	0
Scope 2	40
Scope 3 (Included Sources)	<i>We are commencing recording and analysing our Scope 3 subset emissions from 2022 and are aiming to report this baseline next year as we work to fully account for our Scope 1, 2 & 3 emissions as part of our commitment to achieving Net Zero emissions by 2025.</i>
Total Emissions	40

Emissions reduction targets

We are proposing to adopt science-based targets commencing 2022 to define a pathway for reducing our emissions in line with Paris Agreement goals to limit global warming to 1.5°C. This method will allow a better understanding of our carbon emissions and the impact of the global pandemic on our business to help define quantifiable targets

- We project that carbon emissions will decrease over the next 3 years to 24 tCO₂e by 2025. This is a reduction of 40%.

The projected reduction is at this stage indicative until we fully understand and quantify our Scope 3 emissions and we will update our carbon reduction plan and science based targets when this baseline has been established.

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Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental initiatives & projects have been completed or implemented since the 2021 baseline.

1. The purchase of an electric van to minimise emissions caused by the use of third-party fossil fuelled vehicles.
2. Replacement of outdated fluorescent lighting with 100% energy efficient LED lighting to minimise energy consumption
3. ISO 14001 Accreditation and strengthening of procedures and behaviour changes to reduce usage.
4. Continue to support and encourage sustainable ways of travel and commuting for our staff, including participation of the UK Government's Cycle to Work scheme, providing secure cycle parking and shower facilities.
5. We have 'followme' style printing to avoid unwanted prints, have multiple recycling points and use 100% recycled paper.
6. We have eliminated food waste by implementing on site composters which produce fertiliser for our planted roof terrace.
7. Continue to operate an agile working policy to maximise the use of technology such as Microsoft Teams to reduce travel and improve work-life balance where appropriate

In the future we plan to implement further measures:

Premises: We are in dialogue with our landlord to ensure we can help reduce the footprint of our premises and to aid our landlord to meet their obligations of improving the EPC Certificate to at least a C Rating by 2027 and B Rating by 2030.

This includes:

- We have encouraged a transition to heat pumps and/or electric heat sources at the end of the boilers serviceable life (anticipated to be another 10 years) or sooner.
- In order to reduce the cooling load and generally improve summer comfort, jack locks should be installed on the terrace side to allow these windows to be securely left open at night.
- We are encouraging fabric upgrades to include increased thermal insulation to both walls and roofs and replacement of single glazing or addition of secondary glazing
- Encouraging the installation of Renewable (PV) technology installed on the roof and coordinated with the installation of external roof insulation.

Renewable Electricity Tariff: During 2022 when our current contract expires, Eric Parry Architects will switch to a high quality 100% renewable energy tariff which provides additionality to the grid in accordance with the UKGBC guidance.

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Carbon Reduction Projects (Continued)

IT / Equipment: We will continue to monitor our IT and server installations which include a number of high-power computers which are due to be retired and replaced with more energy efficient machines.

Carbon Offsetting

We have offset all of our operational emission (Scope 1 and 2), through robust projects. As signatories of Architects Declare and members of the UK Green Building Council (UKGBC) and whilst we seek full reporting on Scope 3 emissions, we look to demonstrate best practice and have offset our usage in accordance with the UKGBC Leadership Transition Fund.

For 2021 we offset at an equivalent of £70 /tCO₂ in accordance with the HM Treasury Green Book which equated to 220 tCO₂e (against our emissions of 40 tCO₂e). This was via the Verified Carbon Standard (VCS) reduction project VCS 981 Pacajai REDD+ Project.

Operations: Further embracing and consideration of hybrid working methods, appropriate technology and travel policies to ensure we benefit from the lessons learnt during the pandemic.

Accreditation: Maintaining third party certification to ISO 9001 & 14001:2015; to ensure our activities are subject to defined environmental and management standards applicable across our business activities.

Summary: It is expected that the energy efficiency measures will reduce the energy consumption in line with the 2020-2025 UKGBC Energy Use Intensity target. Measures that reduce demand and consumption will be prioritised over other measures, which might only reduce carbon emissions through electrification.

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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 we are progressing to commence measuring 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 Eric Parry Architects Ltd:



Robert Kennett, Director

Date: 31 January 2022

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>