

Carbon Reduction Plan

1. Our Commitment

The Edwin James Group is committed to achieving Net Zero emissions by 2050, which includes a commitment to achieve Net Zero Scope 1 and Scope 2 emissions by 2030.

2. Baseline Emissions Footprint

The Group's baseline emissions are taken from the reporting year March 2020 to February 2021 which coincides with our first Streamlined Energy and Carbon Report (SECR). The baseline numbers provide the reference point against which our future emissions reductions are measured.

Baseline Year: March 2020 to February 2021	
Additional Details relating to the Baseline Emissions calculations	
In our first SECR report, for the year March 2020 to February 2021, we reported total emissions of 1,960 tCO ₂ e. This included Scope 1 emissions from the combustion of fuel in our offices and in vehicles, Scope 2 emissions from purchased energy for our offices and Scope 3 emissions from the transportation of employees for business-related activities in vehicles owned by third parties.	
Baseline year emissions:	
Emissions	TOTAL (tCO ₂ e)
Scope 1	1,589
Scope 2	153
Total Scope 1 and Scope 2 emissions	1,742
Scope 3 Included: Category 6	
<ul style="list-style-type: none"> Business Travel: <i>Emissions from the transportation of employees for business-related activities in vehicles owned or operated by third parties</i> 	219
Total emissions reported	1,960

3. Current Emissions Reporting

In the current reporting year, February 2022 to March 2023, we reported total emissions of 1,900 tCO₂e. which represented a 11% reduction over the previous year.

Against the baseline year this represented a 3% reduction, however, it is acknowledged that emissions data from the baseline period may not have been representative due to the effect of the Covid pandemic. Despite this the Group's emissions performance is moving in the right direction and our plans to reduce and eliminate Scope 1 and Scope 2 emissions by 2030 remain.



EJ Musk Process Services Ltd
 EJ Musk Process Services Group Ltd
 EJ Musk Process Services (Peterborough) Ltd
 EJ Musk Process Services (Swadlincote) Ltd



EJ Parker Technical Services Group Ltd
 EJ Parker Technical Services Holdings Ltd
 EJ Parker Technical Services Holdings (Scotland) Ltd
 EJ Parker Technical Services (Central) Ltd
 EJ Parker Technical Services (Louth) Ltd
 EJ Parker Technical Services (Scotland South) Ltd
 EJ Parker Technical Services (Scotland North) Ltd



EJ Peak Technology Services Ltd

Emissions data taken from our SECR report for the current reporting year, is as follows:

Current Reporting Year: March 2022 to February 2023	
Emissions	TOTAL (tCO ₂ e)
Scope 1	1,601
Scope 2	116
Total Scope 1 and Scope 2 emissions	1,717
Scope 3 Included: Category 6	183
<ul style="list-style-type: none"> Business Travel: <i>Emissions from the transportation of employees for business-related activities in vehicles owned or operated by third parties</i> (Note: see Section 5: Carbon Reduction Projects and Initiatives below for the future reporting of other Scope 3 categories required by the CCS)	
Total emissions reported	1,900

4. Emissions Reduction Targets

Annual Scope 1 and Scope 2 emissions targets have been mapped through to 2030. We track progress against these targets using our “Glidepath to Zero” chart, as shown below.



We project that Scope 1 and Scope 2 carbon emissions will decrease by 50% to 871 tCO₂e by the reporting year March 2025 to February 2026 (as shown by column 2025/26 on the graph).

5. Carbon Reduction Projects and Initiatives

The following key environmental management measures and projects are in place to help us accelerate our progress towards our Net Zero commitments.

1) Maintain ISO 14001 certification and our approach to waste management

We are on-track to meet and exceed our target with >90% waste already diverted from landfill. In accordance with our ISO14001 accreditation, each Group business has an Environmental Management Plan detailing its approach to waste management. We follow the waste hierarchy and prioritise the reduction of waste produced and the re-cycling or re-use of waste where practicable. Key to this is the detailed measurement, monitoring and onsite auditing which enables us to assess our waste management activity, analyse root causes and identify areas where corrective action is needed. We work with buyers and our supply chain to

meet external and internal targets for the reduction of waste and develop sustainable ways of achieving zero waste to landfill and continuous improvement.

Best practices already in place include:

- The implementation of a Design for Manufacture and Assembly strategy on large scale works with the reduction in waste a key consideration and benefit. Offsite manufacturing and modularisation play a significant part in our waste reduction targets.
- Working with supply chain partners to influence packaging recovery and recycling rates and the volume of packaging materials e.g. using reusable packaging, recycled materials, non-synthetic adhesives, paper and cardboard materials that are certified by the Forest Stewardship Council (FSC)
- Recycling as much as possible by segregating waste at source and providing a wide range of different waste receptacles we can separate waste streams to maximise the amount of waste recycled.
- When carrying out replacement works we explore opportunities for refurbishment rather than disposal or for re-use, such as saving components for spare parts or for training purposes.

2) Acting on Energy Savings Opportunity Scheme (ESOS) Phase 3 Recommendations

In addition to the energy reduction activities underway in our offices and across our fleet, the ESOS Phase 3 energy assessments completed during 2023 have identified further opportunities to reduce emissions, as summarised in the table below:

Summary of Opportunities Identified	Estimated Potential Energy Savings (kWh/yr)	Estimated Potential Emissions Abated (tCO _{2e} /yr)
Behaviour change of employees	820	200
Review boiler set points in offices	140	25
Various vehicle fleet initiatives	1,380	350
Lighting upgrades in offices	170	30
Solar PV installation at offices	660	125
Air source heat pump installation in offices	700	125

Source: Edwin James Group ESOS Phase 3 Summary Report, ECA Business Energy, November 2023

During 2024 a cost analysis and feasibility study for each opportunity will be conducted and implementation plans drawn up.

3) Converting company fleet to electric vehicles

Whilst 35% of our company cars are now fully electric, the majority of our Scope 1 emissions are from our commercial fleet. Following last year's project to identify company vans that could switch over to fully electric, our first electric commercial vehicles arrived during the current reporting year. The "real-world" performance of these vehicles is being analysed to ensure we extend EV roll-out wherever possible. Current estimates are that 20% of our current commercial van fleet could switch over to fully electric.

4) Tackling Scope 3 Emissions

During the next SECR reporting cycle for March 2023 to February 2024, we will baseline our Scope 3 emissions footprint by quantifying and reporting the emissions in each of the 15 Scope 3 categories¹, which includes the 5 categories required to be reported by the CCS: Category 4 Upstream transportation and distribution, Category 5 Waste generated by operations, Category 6 Business Travel, Category 7 Employee commuting and Category 9 Downstream transportation and distribution.

This exercise will help us determine which of the Scope 3 categories the Group will tackle as part of our Net Zero journey and the reporting methodology to be used.

¹ Greenhouse Gas Protocol. 2013. *Technical Guidance for Calculating Scope 3 Emissions (version 1.0)*. https://ghgprotocol.org/sites/default/files/standards/Scope3_Calculation_Guidance_0.pdf

6. Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21² and associated guidance and reporting standard for Carbon Reduction Plans³. Emissions have been reported in line with the March 2019 BEIS 'Environmental Reporting Guidelines: Including streamlined energy and carbon reporting guidance' and the EMA methodology for SECR Reporting⁴. All measured emissions from activities which the organisation has financial control over are included as required under The Companies (Directors' Report) and Limited Liability Partnerships (Energy and Carbon Report) Regulations 2018⁵.

The Carbon Reduction Plan is approved by the Group CEO.

Signed on behalf of Edwin James Group:



Christopher Kehoe (Chief Executive Officer)

Dated:

² [Procurement Policy Note 06/21: Taking account of Carbon Reduction Plans in the procurement of major government contracts - GOV.UK \(www.gov.uk\)](https://www.gov.uk/government/policies/procurement-policy-note-06-21-taking-account-of-carbon-reduction-plans-in-the-procurement-of-major-government-contracts)

³ [Microsoft Word - PPN 0621 Technical standard for the Completion of Carbon Reduction Plans.docx \(publishing.service.gov.uk\)](https://publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/414811/PPN_0621_Technical_standard_for_the_Completion_of_Carbon_Reduction_Plans.docx)

⁴ [Environmental Reporting Guidelines \(publishing.service.gov.uk\)](https://publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/414811/Environmental_Reporting_Guidelines.pdf)

⁵ [The Companies \(Directors' Report\) and Limited Liability Partnerships \(Energy and Carbon Report\) Regulations 2018 \(legislation.gov.uk\)](https://www.legislation.gov.uk/uksi/2018/1100/contents/made)