



FES Group IMS
Operational Control Document
D 8.46 Carbon Reduction Plan

Company

FES Group

Year

Financial Year September 2021 to August 2022

Plan Prepared By

Iain Crawford & Chris Bowness

Publication Date

5 August 2022

Version

1.0



The purpose of this Carbon Reduction Plan is to detail our organisational carbon footprint and confirm our commitment to achieving Net Zero by 2050. The Plan will be updated regularly (At least annually), published and clearly signposted on the company website.

Commitment to Achieving Net Zero	
Supplier Name	Commitment
The FES Group	We are committed to achieving Net Zero emissions by 2021
*We have achieved this in part by offsetting emissions arising from energy, fuel, water, waste, business travel and the purchase of goods and services by participating in the One Carbon World Carbon Neutral International Standard	

Baseline Emissions Footprint	
Baseline Year	Financial Year September 2019 to August 2020

Additional Details Relating to Baseline Emissions Calculation

The baseline year is financial year 2019/20 which includes scope 3 emissions where previously only scope 1 & 2 energy was reported upon for ISO 50001 purposes. The activities included in the carbon footprint measurement were agreed in consultation between One Carbon World and the FES Group. The calculation of the footprint was undertaken and reported by One Carbon World after a desk-top review of data provided by the FES Group. This report meets the reporting requirements of the Green House Gas (GHG) Protocol Corporate Standard and is compatible with international standards ISO 14064 and PAS 2060. It must be noted that emissions for 2020 and 2021 were atypical due to the effects of the COVID-19 pandemic.

Baseline Year Emissions	
Emissions	Total (tCO ₂ e)
Scope 1	3,749.55
Scope 2	161.55
Scope 3 (Included sources)	17,313.01
Total Gross Emissions	21,224.11
*Carbon Offset Credits	21,224.11
Total Net Emissions	0

2021 Emissions	
Reporting Year	Financial Year September 2020 to August 2021

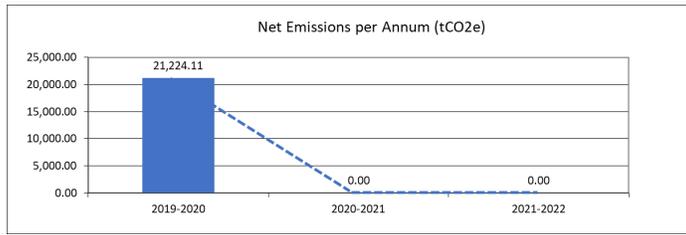
Emissions	Total (tCO ₂ e)
Scope 1	3,972.02
Scope 2	136.90
Scope 3 (Included sources)	17,234.40
Outside Scope	174.97
Total Gross Emissions	21,518.29
*Carbon Offset Credits	21,518.29
Total Net Emissions	0

Emissions Reduction Targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets	
Transport Fuel Reduction	1.0%
Premises Energy Reduction	1.0%
Overall Energy Reduction	0.9%

We project that gross carbon emissions will decrease over the next five years to **20,285 tCO₂e** by **2026**. This is a reduction of **5%**. We will continue to offset these gross emissions to Net Zero.

Progress against these targets can be seen in the following graph



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline. The carbon emission reduction achieved by these schemes equate to **42,742.40** tCO2e, a **100%** annual reduction against the 2019 baseline. The measures will be in effect when performing the contract.

Initiatives	Details
Energy reviews	Energy reviews of all FES offices. Produced a set of energy saving targets and objectives
Energy awareness	Rolled out an energy awareness campaign (Training etc)
Improved data	Improved vehicle consumption data gathering using telematics
Vehicle fleet improvements	Programme for phasing out the most polluting vehicles and replacement with less polluting
Smart meters	Installed smart meters at some offices to improve data
“No Watt” data logging	Installed “No Watt” electricity data loggers at head office to better monitor consumption
Radiant heaters	Scheme to decrease gas consumption at Glentye Road (Radiant heaters for the workshop area)
ISO 50001:2018	Migrate to the revised version of the ISO energy management standard
Electric vehicles	Trial scheme for electric vans
Vehicle monitoring	Implementation of an “App” based system for fuel accounting (FleetCheck)
PAS 2080	Design a PAS 2080 based methodology for carbon management in infrastructure
Carbon offsetting	Offsetting all emissions via One Carbon World Carbon Neutral International Standard
Electric charging	Green energy electric charging station roll out for HQ staff use (Fleet and grey fleet)

Future Carbon Reduction Initiatives

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

Initiatives	Details
Fleet improvements	Continue drive towards more efficient vehicles
Purchasing	Assess products and work towards lower carbon alternatives
Carbon offsetting	Further carbon offsetting to maintain 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 standard and uses the appropriate Government emission conversion factors for greenhouse gas 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) Standard. This Carbon Reduction Plan has been reviewed and signed off by the FES Group board of directors.

Signed *Jason Cross*

Name Jason Cross

Job Title Managing Director

Date 05.08.2022