

UNFCCC RACE TO ZERO – PLEDGE & PLAN

FOR

French **SEH**
Construction

Prepared by:



SEH French Carbon Reduction Plan

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SEH French Carbon Reduction Plan

1 Race to Zero Pledge

SEH French recognises the importance of making a full and lasting commitment to reducing the greenhouse gas emissions from our activities, in support of the wider commitment of the world to limit global temperature increases and the impact on the planet.

We commit to the following:

1. For our company to achieve Net Zero in line with the Science Based targets set out by the UNFCCC i.e. to achieve Net Zero no later than 2050 and target a 50% reduction in emissions by 2030.
2. To set realistic short- and long-term targets that are designed to achieve our Net Zero commitments.
3. To report the total Greenhouse Gas emissions of our business, at a minimum, on an annual basis.

We acknowledge that our commitment will be reported on the Network Net Zero website.

SEH French made its pledge to the Race to Zero via the Network Net Zero Community on 18 May 2023. The record of the pledge can be found at <https://www.futurenetzero.com/un-race-to-zero>

	Year	Earlier Year if Possible
Commitment to be Net Zero	2050	2045*
50% Emissions Reduction	2030	2030

*The company is committed to achieving Net Zero for Scopes 1 and 2 by 2030 and Net Zero across all Scopes by 2045.

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2 Company Overview

SEH French is a Limited Company registered in England & Wales, company number 01621424, with a registered office address of 30 White House Road, Ipswich, Suffolk, IP1 5LT.

Year	2022
Industry	Construction
No. of Staff	39
No. of Offices – Owned	0
No. of Offices – Leased	1
No. of Company Vehicles - Owned	12
No. of Company Vehicles - Leased	9

SEH French is a building division of One Group Construction, is based in Ipswich, Suffolk and operates primarily within the East Anglia region. Formerly known as Walter French Builders (Aldeburgh) Ltd, it was purchased by the SEH Group in 1982, which in turn was acquired by One Group Construction in 2014. The company has maintained and further developed its reputation for quality and craftsmanship providing services in the private and public sectors, for commercial, industrial, or domestic markets for new build projects, renovations, refurbishments, and conversions.

3 Reporting Period

January 2022 – December 2022

4 Organisational Boundary

This report has been constructed using the

- Operational Control Approach

5 Operational Scopes

Emissions from Scope 1 & 2 have been measured along with certain Scope 3 emissions. The Scope 3 emissions that have been included are those that have been practical to measure with available data, which are as follows:

- Waste
- Business Travel
- Purchased Goods & Services
- Employee Commuting
- Transmission & Distribution of electricity

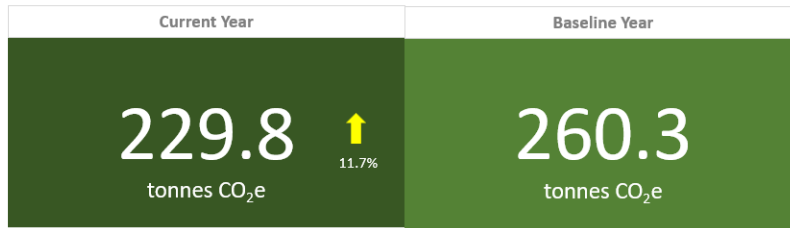
6 Benchmark Year

This is the 2nd time the company has measured and reported on its carbon emissions. Its benchmark year was from **January 2021 – December 2021**.

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7 Carbon Emissions Overview in the reporting period

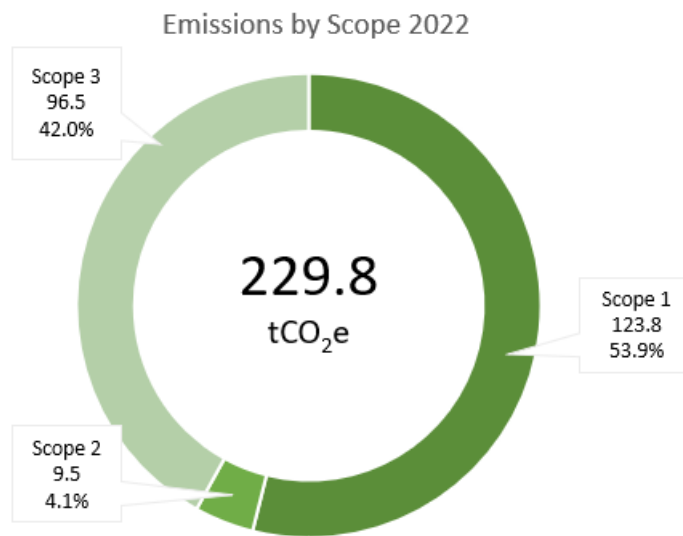
Total Carbon Emissions



The total calculated emissions for the business in the reporting period were **229.8 t CO₂e**, a decrease of 30.5 t CO₂e (11.7%) from the baseline year. This decrease is due to a switch to renewable energy at the sites managed and due to projects in the year being in closer proximity, hence less travel.

The Company will continue to measure an increasing amount of Scope 3 emissions and is committed to reducing their emissions across all scopes.

8 Analysis by Scope



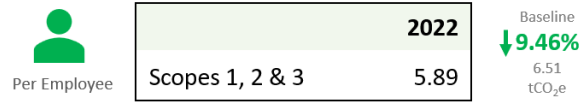
Scope 1 emissions amount to 123.8 tCO₂e, representing 53.9% of the company's emissions. Scope 1 emissions include gas used in the office, fuel from an on-site generator and fuel from company vehicles.

Scope 2 emissions account for 4.1% of calculated emissions. This is the electricity used at the company offices and sites. Scope 2 emissions were 9.5 tCO₂e in this period. The office is not on a renewable tariff. The sites are on renewable tariffs that are Renewable Energy Guarantee of Origin (REGO) certified.

Scope 3 emissions accounts for 42.0% of calculated emissions and includes waste, business travel, purchased goods and services, employee commuting and transmission and distribution. Scope 3 emissions were 96.5 tCO₂e in this period.

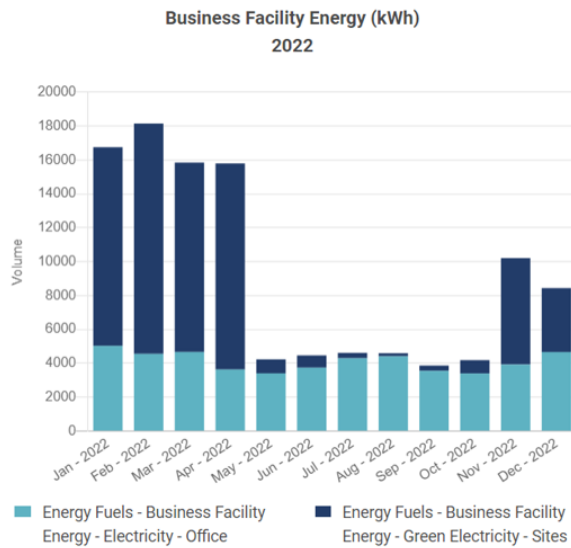
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9 Intensity Metric Analysis



The chosen intensity metric shows a carbon emissions value of 5.89 tCO₂e per employee. The business headcount averaged 39 people during the reporting period.

10 Business Facility Energy



Office energy consumption was sourced by energy bills and verified by Net Zero International. The premises utilised by the company is on a renewable tariff.

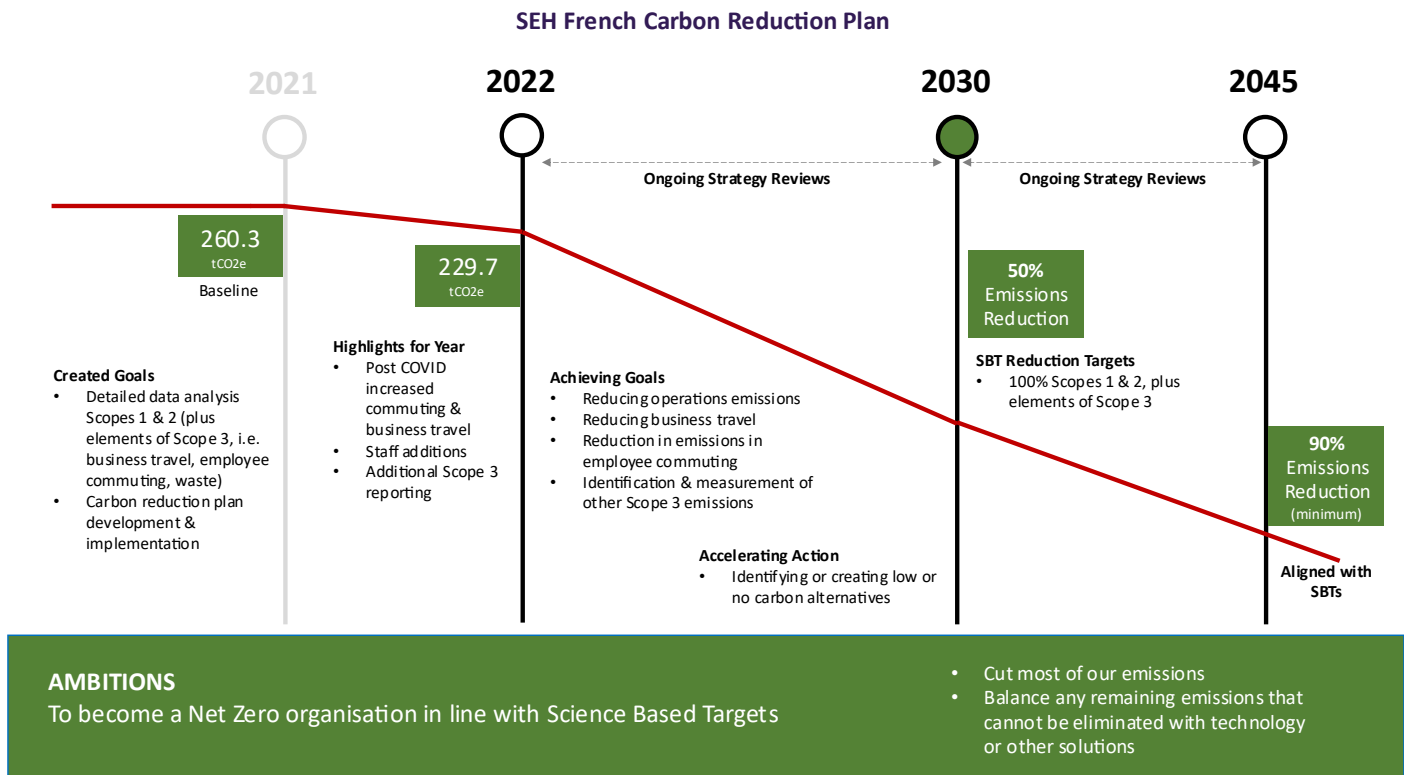
The calculated electricity emissions were 9.5 tCO₂e for the reporting period. The total business facility energy of 9.5 tCO₂e accounted for approximately 4.1% of the total calculated emissions of 229.8 tCO₂e.

The calculated green electricity consumption was 61,911 kWh and the calculated electricity consumption was 49,181 kWh for the reporting period. The total green electricity consumption accounted for approximately 55.7% of the total business facility energy of 111,092 kWh.

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11 Emissions Reductions Targets

The following graph summarises the carbon emissions reduction targets.



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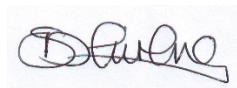
12 Carbon Reduction Projects

SEH French will develop the following initiatives that will support the company's strategies to meet Science Based Targets:

Initiative	Action
Sustainable travel policy	<ul style="list-style-type: none"> ○ Ensuring the team use public and low carbon transport options when practical to do so. ○ Car share for business trips ○ Use of tracker system to promote more efficient fuel use (including idling and harsh braking) ○ Switch to Online Meetings and Online Events where possible ○ To move to over 90% EV's for office staff and introduce EV's for commercial fleet
Employee engagement	<ul style="list-style-type: none"> ○ Sharing our plan with all the team and sharing the initial report to ensure understanding of our current emissions and involving the team in some of the solutions. ○ To investigate the creation of a ESG focus group to drive change and the culture within the business. ○ To get involved in local initiatives (i.e., litter picking, educational sessions).
Sustainable supplier strategy	<ul style="list-style-type: none"> ○ To create a framework to launch our sustainable procurement policy in 2024. ○ Commit to using Sustainable suppliers.
Site Energy Review	<ul style="list-style-type: none"> ○ Review installation of renewable energies ○ Installation of car charging on larger sites ○ Implementation of site welfare facilities powered by renewable energies such as PV's, possibly hydrogen
Sustainable supplier strategy	<ul style="list-style-type: none"> ○ To create a framework to launch our sustainable procurement policy in 2024. ○ Commit to using Sustainable suppliers. ○ Engage with supply chain to educate and develop our Scope 3
Data Quality	<ul style="list-style-type: none"> ○ To improve the quality and accuracy of data to ensure more accurate measurement of our emissions.

Signed on behalf of SEH French

Name: **Simon Girling**



Position: **Director**

Date: **6th July 2023**

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13 Emissions Data

The data contained in the table below represents total emissions calculated and is consistent with SECR requirements. All sources of emissions that have been measured are included in the totals below. Emissions from key activities are summarised in the previous sections.

	SECR Status	Current Reporting Year Jan 22 – Dec 22	Previous Reporting Year Jan 21 – Dec 21
Energy consumption used to calculate emissions Electricity Scope 2 - UK & Offshore (kWh)	Mandatory	111,092	89,577
Energy consumption used to calculate emissions – Global, excluding UK & Offshore (kWh)	Mandatory	0	0
Basis of Energy reporting (Location or Market)		Market	Location
% of total energy sourced from certified renewable sources		55.7%	0%
Emissions associated with energy consumption - UK, Offshore & Global (tCO ₂ e)		9.5	19
Emissions from activities for which the company is responsible including combustion of fuel & operation of facilities - Scope 1 (tCO ₂ e)	Mandatory	123.8	160.7
Emissions from purchase of electricity, heat, steam and cooling purchased for own use - Scope 2 (tCO ₂ e)	Mandatory	9.5	19.0
Total Scope 1 & 2 Emissions (tCO₂e)	Mandatory	133.3	179.7
Emissions from upstream activities out of operational control - Scope 3 (tCO ₂ e)	Optional	96.5	80.6
Emissions from use of sold products and services out of operational control - Scope 3 (tCO ₂ e)	Optional	None included	None Included
Total Gross Scope 3 Emissions (tCO₂e)	Optional	96.5	80.6
Total Scope 1, 2 & 3 Emissions (tCO₂e)	Optional	229.8	260.3
Intensity ratio tCO ₂ e (gross Scope 1, 2 & 3) per employee	Optional	5.89	6.51
Carbon offsets (tCO ₂ e)	Optional	0	0
Total Annual Net Emissions (tCO₂e)	Optional	229.8	260.3

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14 Data Overview

Data Details		2022			2021
Emission Type	Scope	t CO2e	Data Source	Data Confidence	t CO2e
Energy					
Gas	1	-	No Gas	High	0.0
Electricity - Office	2	9.5	Landlord Electricity Bills	High	5.2
Electricity - Sites	2	-	Site Electricity Bills (REGO certified)	High	13.8
On Site Generator Fuel	1	38.2	Fuel Bills	High	56.1
F Gas Top Up	1	-			7.1
Waste					
Waste - Head Office	3	0.5	Waste Summary Report	High	0.7
Waste - Sites	3	0.2	Waste Summary Report	High	-
Waste Water	3	0.4	Water Reports	Low	9.8
Business Travel					
Business Travel - Owned Vehicles	1	85.6	Fuel Card Spend	Medium	97.5
Business Travel - Personal Cars	3	28.9	Mileage Claims	Medium	0.8
Rail	3	-	Negligible	High	-
Purchased Goods & Services					
Sub Contractor Hours	3	57.2	Sub Contractor Days x Average Travel	Low	42.8
Water	3	0.2	Water Bills	Low	6.0
Employee Commuting					
Car - Average	3	7.1	Employee Commuting Survey	Medium	18.8
Additional Scope 3 Measured					
Transmission & Distribution	3	2.0	Electricity Data	High	1.7
TOTAL		229.8			260.3

15 Standard and Methodology Used

SEH French categorises its Greenhouse Gas (GHG) Emissions as Scope 1, 2 or 3 as referred to in the WBCSD – WRI Greenhouse Gas Protocol (revised edition, dated March 2014). Emissions in Carbon Dioxide equivalent (CO₂e) for all scopes are calculated using the conversion factors listed in DESNZ Greenhouse Gas Conversion Factors for the relevant 12-month period over which the Carbon Footprint is calculated. Procured renewable electricity and gas is calculated in accordance with the WBCSD – WSI Scope 2 Guidance on procured renewable energy (2015).

16 Data Quality / Confidence

The data used to generate this report has been collected from various sources from both within the company and using assumptions gathered by Net Zero International. These emissions have been converted to CO₂e using GHG Protocol and BEIS frameworks and conversion factors for the relevant period.

17 Offsets

As part of its commitment to target reductions in its GHG emissions and, ultimately, attain Net Zero the company will review and report all offsetting that it enters. All offsetting options will be considered and reported included, formally certificated schemes (e.g., Gold Standard) as well as more informal schemes. Where offsetting is done against informal schemes, details of the calculation logic will be reported.

18 Offset schemes

Scheme Name	Details (including weblinks)
Ecologi	1,000 trees planted

19 Declaration & Sign Off

This Carbon Reduction Plan has been completed in accordance with SECR, 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 board of directors (or equivalent management body).

Signed on behalf of Net Zero International

Name: **David Hawes**



Position: **Co-Founder**

Date: **6th July 2023**

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20 Glossary

Benchmark Data	The chosen 12-month period that sets the calculated emissions that need to be mitigated and/or offset.
Carbon Reduction	Reduction in measured CO ₂ e emissions
Carbon Reduction Plan	Plan to reduce CO ₂ e emissions over a period of time, updated annually
Carbon Emissions (Gross)	CO ₂ e emissions from Company activities
Carbon Emissions (Net)	CO ₂ e emissions from Company activities minus verified carbon offsets the Company purchases
Carbon Neutral	When emissions are fully offset including those emissions that could be mitigated.
Carbon Offsets	A removal or reduction of carbon emissions through a verified scheme.
CO₂e	All greenhouse gases expressed in terms of Carbon Dioxide equivalent (CO ₂ e) for consistency of reporting.
DESNZ	Department of Energy Security and Net Zero (https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting)
EEIO	Environmentally Extended Input Output – Emissions estimated on spend https://ghgprotocol.org/
GHG Protocol	Greenhouse Gas Protocol https://ghgprotocol.org/
Greenhouse Gases	Carbon Dioxide (CO ₂), Methane (CH ₄), Nitrous Oxide (N ₂ O), Chlorofluorocarbons (CFCs and HCFCs), Hydrofluorocarbons (HFCs), Perfluorocarbons (PFCs), Sulphur Hexafluoride (SF ₆)
Greenhouse Gas Conversion Factors	Annually published conversion factors normally published by relevant government departments. Converts activity into CO ₂ e emissions.
Greenhouse Gas Emissions (GHG)	Gases in the atmosphere that absorb and radiate heat
Intensity Metric/Ratio	A metric that measures carbon emissions per relevant unit of activity in a business.
Market Reporting v Location Reporting	Market is based on specific tariffs. Location is based on the emissions factor published for the country from which you are reporting.
Net Zero	GHG emissions are mitigated and those that cannot are offset
Renewable Tariff	An energy tariff that is 100% powered by renewable energy and is certified.
SBT	Science Based Targets – reducing emissions by 50% by 2030 and by 90% by 2050 and offsetting the remaining amount.
Scope 1	The fuels that are burnt (gas, transport the company owns, refrigerant gases)
Scope 2	The energy that is bought (electricity from the grid, purchased heat)
Scope 3	Emissions embedded in everything a company buys and emitted as a consequence of everything a company sells.
SECR	Streamlined Energy & Carbon Reporting
tCO₂e	Metric tonnes of CO ₂ equivalent emitted.
WBCSD	World Business Council for Sustainable Development https://www.wbcsd.org/
WRI	World Resource Institute https://www.wri.org/