

OUR FIRST CARBON BASELINE

# Climate report 2025

Haijahr's first annual measurement of its carbon footprint — an honest, complete account of a small business under one tonne, and the baseline we will hold ourselves to.

# A sub-one-tonne year, measured in full

In the year to 31 December 2025, Haijahr emitted approximately **0.540 tonnes of CO<sub>2</sub>e** — comfortably under one tonne. This report sets that figure out in full, complementing our SME Climate Hub disclosure for the same year.

**0.540**

Total gross footprint, tonnes CO<sub>2</sub>e (full inventory)

**2**

People: founder and co-founder, one shared home workspace

**~7.3**

kg CO<sub>2</sub>e per £1k turnover (carbon intensity)

**0.135**

Scope 1 — tCO<sub>2</sub>e (as lodged with SME Climate Hub)

**0.37 / 0.10**

Scope 2 — tCO<sub>2</sub>e, location-based / market-based

**226**

kWh energy used, of which 119 kWh renewable

**Why this report exists.** The SME Climate Hub questionnaire is built around Scope 1 and 2, and treats Scope 3 as optional. For a micro-business like Haijahr, that leaves most of the real footprint — equipment, cloud, travel — off the page. This report puts it back on.

**What it covers.** The reporting year 1 January to 31 December 2025, when Haijahr was a two-person founder team working from a single home workspace, before the team expanded in 2026.

**How we measured.** A bottom-up inventory built by our newly appointed SME Climate Hub Champion, using own internal calculations across every category we could identify, with conservative high-end assumptions where data was incomplete.

**The honest position.** No carbon credits were purchased in 2025. Our reductions came from how we worked — rail over car, and paperless operations. Verified offsetting begins in 2026 (see our 2026 Net Zero Plan).

# 01 About this report

Haijahr Limited is a UK software and AI engineering firm, founded in December 2024 in Lowestoft, Suffolk. This is our **first carbon footprint** and the base year for our net zero journey.

**Business activities.** In-house and bespoke software development, augmented senior engineering teams, legacy system modernisation (PHP/Laravel), and our own commercial software products.

**Reporting period.** 1 January 2025 to 31 December 2025. Base year: 2025. Net zero target year: 2050.

**Organisational boundary.** Haijahr Limited. During 2025 the company was two people — founder Ashley Johnson and co-founder Tabea Johnson — operating from one shared home workspace, so the footprint is measured on that basis.

**Methodology.** Own internal calculations, built bottom-up by category and reconciled to the SME Climate Hub disclosure. Where activity data was incomplete, conservative high-end estimates were used and flagged.

## Reporting boundary — what is in and out

### Scope 1

Direct emissions — workspace climate control (heating). Reported to SME Climate Hub as 0.135 tCO<sub>2</sub>e.

### Scope 2

Purchased electricity for the workspace. Reported location-based 0.37 / market-based 0.10 tCO<sub>2</sub>e.

### Scope 3

The wider value chain — equipment, cloud & SaaS, travel, deliveries and services. Included here for completeness.

**Transparency note.** The Scope 1 and Scope 2 figures above are the values lodged with the SME Climate Hub using its own methodology. The category inventory on the next page is our fuller bottom-up management view (-0.540 tCO<sub>2</sub>e). We report both, side by side, rather than collapse them into a single headline — deliberately, to avoid overstating or understating our position.

## 02

## Where our footprint sits

Our 2025 footprint, broken down by category. The largest single source was **workspace climate control**, followed by the embodied carbon in the equipment we use.

CATEGORY	WHAT IT INCLUDES	KG CO <sub>2</sub> e
Workspace climate control	Heating of the home workspace <b>SCOPE 1</b>	135.6
Devices, lighting & network	Electricity for computing, lighting, router, phone charging <b>SCOPE 2</b>	38.3
Equipment (embodied)	Laptop, smartphone & router manufacturing, end-of-life <b>SCOPE 3</b>	159.5
Outsourced services	Accountant working from home <b>SCOPE 3</b>	92.0
Business travel & accommodation	Rail to London × 3, hotel nights <b>SCOPE 3</b>	66.3
Cloud & SaaS	Hosting, Notion, Microsoft 365, team chat <b>SCOPE 3</b>	30.5
Deliveries & post	Fulfilment & manual posting of books <b>SCOPE 3</b>	18.2
<b>Total gross emissions</b>	<b>~0.540 tonnes CO<sub>2</sub>e</b>	<b>540.4</b>

Figures use conservative high-end estimates where measured data was unavailable (notably embodied/manufacturing emissions, annualised over the equipment's expected life). Totals are rounded.

### The two big levers

- **Climate control (136 kg).** Heating a home workspace is our single largest source — and largely outside our direct control as a home-based business.
- **Embodied equipment (160 kg).** The carbon built into laptops and phones before we ever switch them on. Extending device life is our strongest reduction lever.

### The smaller, controllable ones

- **Travel (66 kg).** Already minimised by choosing rail over car for every London trip.
- **Cloud & deliveries (49 kg).** Low today; a green-hosting and supplier review keeps it that way as we grow.

# 03

## The scope view, and the SME Climate Hub

As reported to the **SME Climate Hub** for the year ending 31 December 2025, using its methodology. This is why the headline "under one tonne" figure is correct — and why it is only part of the story.



Scope 3 was recorded as "not measured" on the SME Climate Hub form (total 0.0 t there). Our bottom-up inventory captures it instead.

**Scope 1 — 0.135 tCO<sub>2</sub>e.** Direct emissions from heating the home workspace.

**Scope 2 — 0.37 t (location) / 0.10 t (market).** Purchased electricity. The lower market-based figure reflects the renewable share of our energy.

**Scope 3 — the gap.** Equipment, cloud, travel and services — roughly two-thirds of our true footprint — sit here. The SME form does not require them, so reporting only Scopes 1 and 2 would understate our impact. Our full inventory of **~0.540 t** closes that gap.



### A committed business since 2025

Haijahr is a signatory of the SME Climate Commitment, recognised by the UN Race to Zero campaign: halve emissions by 2030, reach net zero before 2050, and report progress every year. This report is part of keeping that promise.

## 04

# What we did, and what we have committed to

## Reduction actions taken in 2025



### Rail, not road

Every business trip to London was taken by train rather than car, the lower-carbon choice for the route.



### Paperless by default

Operations run digitally end to end, avoiding printing, paper and the waste that comes with it.



### Measured the baseline

Appointed an SME Climate Hub Champion and built this first full inventory — you cannot reduce what you have not measured.

**On offsetting.** No carbon credits were purchased in 2025. We chose to start by measuring honestly and cutting what we could through how we work. Verified offsetting through Plant Protect begins in 2026 and will always be reported separately from gross emissions.

## Our targets, set against this baseline

### 2025 base year

**0.540 t**

The figure every future year is measured against.

### By 2030

**-25%**

Reduce absolute Scope 1+2 emissions by 25% from the base year.

### By 2050

**Net zero**

A further 25% absolute reduction across Scope 1+2+3, with residual emissions offset.

LOOKING AHEAD TO 2026

# A bigger team, a bigger responsibility.

In 2026 Haijahr grew from two people to five. Our footprint grows with us — and so does the plan. Our 2026 Net Zero Plan sets out the forecast, the verified offsetting we have begun, and the actions already underway.

**2 → 5**

Headcount growth into 2026  
(incl. one 3-month contractor)

**~1.612 t**

2026 forecast gross footprint,  
full team

**1.0 t**

Verified offsetting begins via  
Plant Protect

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