TES Enterprise Solutions Ltd

Carbon Reduction Plan

A statement of intent and roadmap for reducing our environmental impact

Publication date: 20 August 2026

Baseline year: 2025

Next review date: 19 August 2027

1. Introduction and Commitment

TES Enterprise Solutions Ltd is a UK-based reseller of IT hardware, operating with a fully home-based workforce. We recognise that our operations — spanning global logistics, data centre infrastructure and business travel — have an environmental impact, and we are committed to understanding and reducing that impact over time.

This Carbon Reduction Plan sets out our approach to measuring our emissions, the actions we will take to reduce them, and how we will report progress. It is intended to be a living document, reviewed and updated at least annually as our data and understanding improve.

Company registration number: 08308394

Document owner: Director of Administration

Approved by: Ron Argent, CEO Ron Argent

Approval date: 20 August 2026

2. Our Operational Profile

Understanding our operational profile is the foundation of this plan. Our principal sources of emissions are:

- A home-based workforce with no central office (minimal commuting emissions, some homeworking energy use)
- IT hardware resold to customers, delivered predominantly by road freight within the UK/Europe, with a smaller proportion delivered by air freight from the USA
- IT equipment hosted in two modern, third-party data centres
- Business travel that is predominantly by rail, with minimal car use and a small number of flights to Europe and the USA

3. Measuring Our Baseline

We will establish an emissions baseline covering a full 12-month period, structured around the GHG Protocol's Scope 1, 2 and 3 categories. This baseline will inform our targets and allow us to track progress consistently year on year.

Scope	Category	Status
Scope 1 — Direct	Company vehicles, on-site fuel combustion	Minimal (No offices, 2 x electric car,)
Scope 2 — Purchased energy	Electricity for directly metered operations	Incorporated in homeworking below
Scope 3 — Value chain	Upstream transport (road freight, USA air freight)	22 tCO2e
Scope 3 — Value chain	Homeworking energy (15 home-based staff)	6 tCO2e
Scope 3 — Value chain	Business travel (rail, car, air)	14 tCO2e
Scope 3 — Value chain	Data centre energy (colocation / leased assets)	24 tCO2e
Scope 3 — Value chain	End-of-life / disposal / take-back	Negligible
	Total	66 tCO2e

4. Our Reduction Priorities

4.1 Freight and Logistics

As a hardware reseller, freight is expected to be one of our most significant emissions sources. We will:

- Shift eligible shipments from air to sea or road freight where lead times allow
- Consolidate orders from overseas suppliers to reduce shipment frequency
- Request carbon reporting from our carriers and freight forwarders
- Favour hauliers using lower-carbon fuels (e.g. HVO) or electric last-mile delivery where available

4.2 Data Centres

We host equipment in two third-party data centres and will work with our providers to reduce the associated impact. We will:

- Request Power Usage Effectiveness (PUE) and renewable energy data from both providers
- Prioritise renewable-backed energy tariffs at contract renewal
- Review rack and equipment utilisation to avoid unnecessary capacity

4.3 Homeworking

With a fully home-based workforce, we will:

- Estimate homeworking energy use using published (e.g. DEFRA) emissions factors
- Ensure staff are equipped with efficient, appropriately specified hardware
- Encourage energy-efficient practices at home offices

4.4 Business Travel

Our travel profile is already low-carbon, being predominantly rail-based. We will maintain and protect this by:

- Formalising a travel policy that defaults to rail or video conferencing
- Reserving car travel for journeys where rail is impractical
- Reserving flights for essential Europe/USA travel where rail is not a viable alternative

4.5 Purchased Goods (Hardware)

As a reseller, we will use our position to reduce embodied carbon in the hardware we supply by:

- Promoting refurbished and remanufactured hardware options to customers
- Extending product life through resale, refurbishment and take-back schemes
- Requesting product carbon footprint data from key suppliers

5. Targets

Baseline year: 2025

Target: 25–30% reduction in Scope 3 freight and travel intensity per £ revenue

25–30% reduction in Scope 3 Data centre energy per installed processing and storage capacity

Target date: 2030 for the above and with an overall target to be carbon neutral by 2040

Targets will be reviewed annually as baseline data matures and reduction actions are implemented. We will avoid making broad carbon neutrality claims and will be specific about what any future offsetting covers, using verified schemes only for residual, unavoidable emissions.

6. Roadmap

Timeframe	Action	Owner
0–3 months	Request PUE and renewable energy data from both data centre providers	Technical Lead
0–3 months	Request carbon/emissions data from top freight carriers and forwarders	Quality Manager
3–6 months	Formalise a business travel policy hierarchy (rail/video first)	Director of Administration
3–6 months	Complete first homeworking emissions estimate (DEFRA factors)	CEO
6–12 months	Shift eligible USA air freight to sea freight where lead times allow	Sales Director
6–12 months	Review data centre contracts for renewable-backed tariffs at renewal	CEO
12+ months	Publish first annual carbon report	Admin Lead
12+ months	Expand refurbished/circular hardware offering commercially	Sales Director

7. Governance and Reporting

- Responsibility for this plan sits with the Chief Executive Officer
- Emissions data will be collected quarterly and consolidated annually
- Progress will be reported annually to the board and on our website. It will be shared with customers and partners on request
- This plan will be reviewed and updated at least once every 12 months

8. Contact

For queries about this plan, please contact:

Email: info@tes-es.com