



Sustainability & Climate Transition Plan

February 2025

Supplier Name: Koalaa Ltd

Publication Date: 25/02/2025

1. Introduction

Koalaa Ltd. is committed to achieving net zero emissions by 2040, aligning with science-based targets and the Paris Agreement. This report integrates our Sustainability Plan and Climate Transition Plan, outlining:

- Targets & objectives
- Performance & progress
- Key initiatives & investments
- Governance & risk management

This plan follows guidance from CDP (Carbon Disclosure Project) and aligns with NHS Net Zero Supplier Roadmap requirements.



2. Net Zero Commitment & Targets

Target	Scope 1 & 2	Scope 3	Overall
2025	Establish baseline, initiate renewable energy procurement, reduce business travel emissions by 10%	Launch supplier engagement program, increase recycled materials by 10%	
2030	50% reduction in absolute emissions	30% reduction in absolute emissions	~40% overall reduction
2040	90% reduction in absolute emissions	90% reduction in absolute emissions	Net zero achieved
2045	100% emissions reduction or neutralisation	100% emissions reduction or neutralisation	Net zero maintained

Our targets align with the Paris Agreement and the NHS Net Zero Plan, ensuring we contribute to global climate goals while supporting the healthcare sector's sustainability transition.

3. Performance & Progress (2024: Baseline)

This is a summary of Koalaa's baseline year. Future progress will be reported against 2024.

KPI	2024 (Baseline)
Scope 1 Emissions (tCO ₂ e)	0.01
Scope 2 Emissions (tCO ₂ e)	1.14
Scope 3 Emissions (tCO ₂ e)	1980.64



4. Key Initiatives & Case Studies

4.1 Renewable Energy Transition

- 50% of electricity from renewables by 2026.
- 100% renewable energy for all operations by 2030.
- Investment in on-site solar feasibility studies.

4.2 Scope 3 Emissions Reduction

- Supplier emissions reporting and reduction targets set for all key suppliers by 2026.
- Transition to low-carbon logistics, including electric/hybrid transport.
- Circular economy framework for product lifecycle management.

4.3 Circular Economy & Sustainable Product Design

- Modular prosthetic designs to extend product lifespan.
- 40% reduction in material-related emissions by 2030 through bio-based materials.
- End-of-life recycling initiatives reducing disposal emissions by 50%.

4.4 Business Travel & Emissions Reduction

- 10% reduction in non-essential flights in 2025.
- 50% reduction in business travel emissions by 2030.
- All company vehicles to be EVs by 2030.

4.5 Carbon Offsetting & Future Projects



- 10% of emissions offset by 2030, increasing to 100% by 2045.
- Focus on reforestation and renewable energy investments.

4.6 Financial Planning & Capital Allocation

- Supplier Emissions Reduction & Logistics Transition: £50K
- R&D for Sustainable Materials & Circular Design: £50K

5. Governance & Risk Management

Koalaa has a Carbon Reduction Team, reporting to the Directors of the company, overseeing progress.

Risk Category	Potential Impact	Mitigation Strategy
Regulatory Risks	Stricter emissions laws affecting NHS contracts	Align with NHS Net Zero Supplier Roadmap
Market Risks	Consumer demand shift to low-carbon products	Investment in bio-based materials & sustainable logistics
Supply Chain Disruptions	Climate-related raw material shortages	Supplier diversification & emissions tracking

6. Monitoring, Reporting & Next Steps

Reporting Standards Used:

- **Greenhouse Gas Protocol (GHG Protocol)** – Scope 1, 2, and 3 emissions accounting.
- **ISO 14064-1** – Carbon footprint verification framework.



- **Science-Based Targets initiative (SBTi)** – Alignment with the 1.5°C global warming pathway.
- **NHS Net Zero Supplier Roadmap** – Compliance with healthcare sustainability regulations.

Verification & Assurance:

- Third-party verification is planned for 2026 to ensure independent validation of emissions data.
- Future sustainability reports will include external audit results and progress assessments.

6. Next Steps & Future Commitments (2025–2026)

- Expand renewable energy procurement to 50% by 2026.
- Reduce Scope 3 emissions by 15% through supplier engagement.
- Increase use of bio-based and recycled materials to 25%.
- Develop a product lifecycle emissions tracking system.
- Complete third-party emissions verification.

7. Conclusion

Koalaa Ltd. is committed to sustainable medical device manufacturing, ensuring emissions reductions are science-based, financially viable, and socially responsible. This Sustainability & Climate Transition Plan ensures a structured approach to achieving net zero by 2040.

Board Approval



This plan has been approved by the directors and is signed by the Founder/
Director.

Approval: N MACABUAG

Date: 25th February 2025

Nate Macabuag (Founder/Director)