

Blazebrite Ltd T/A Experia

CARBON REDUCTION PLAN

October 2024

Supplier name: Blazebrite Ltd T/A Experia
Publication date: 3rd October 2024

This Carbon Reduction Plan has been independently produced by Litmus Sustainability Ltd.

Commitment to achieving Net Zero

Experia is committed to achieving Net Zero emissions by 2050.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Additional Details relating to the Baseline Emissions calculations

Experia’s emissions reporting began in the 2023 reporting year. We are reporting against the 5 mandatory categories of Scope 3, along with Scope 1 and 2 emissions. To better account for our real-world impact, we have included estimated emissions from homeworking in the Staff Commuting category. Upstream and Downstream Transportation and Distribution emissions have been estimated based on expected cargo routes.

Baseline Year: 2023 (1st January 2023 to 31st December)	
Emissions	Total (tCO ₂ e)
Scope 1	38.42
Scope 2	8.72 (Location-based)
Scope 3 (Included Sources)	30.19 <ul style="list-style-type: none"> • Upstream Transportation and Distribution: 0.66 • Waste Generated in Operations: 0.12 • Business Travel: 13.69 • Staff Commuting: 6.73* • Downstream Transportation and Distribution: 9.50 <small>*includes homeworking</small>
Total Emissions	77.83

Current Emissions Reporting

Reporting Year: (1st January 2023 to 31st December)	
Emissions	Total (tCO ₂ e)
Scope 1	38.42
Scope 2	8.72 (Location-based)
Scope 3 (Included Sources)	30.19 <ul style="list-style-type: none"> • Upstream Transportation and Distribution: 0.66 • Waste Generated in Operations: 0.12 • Business Travel: 13.69 • Staff Commuting: 6.73* • Downstream Transportation and Distribution: 9.50 *includes homeworking
Total Emissions	77.83

Emission Reduction Targets

Experia has committed to a long-term target of achieving net zero by 2050.

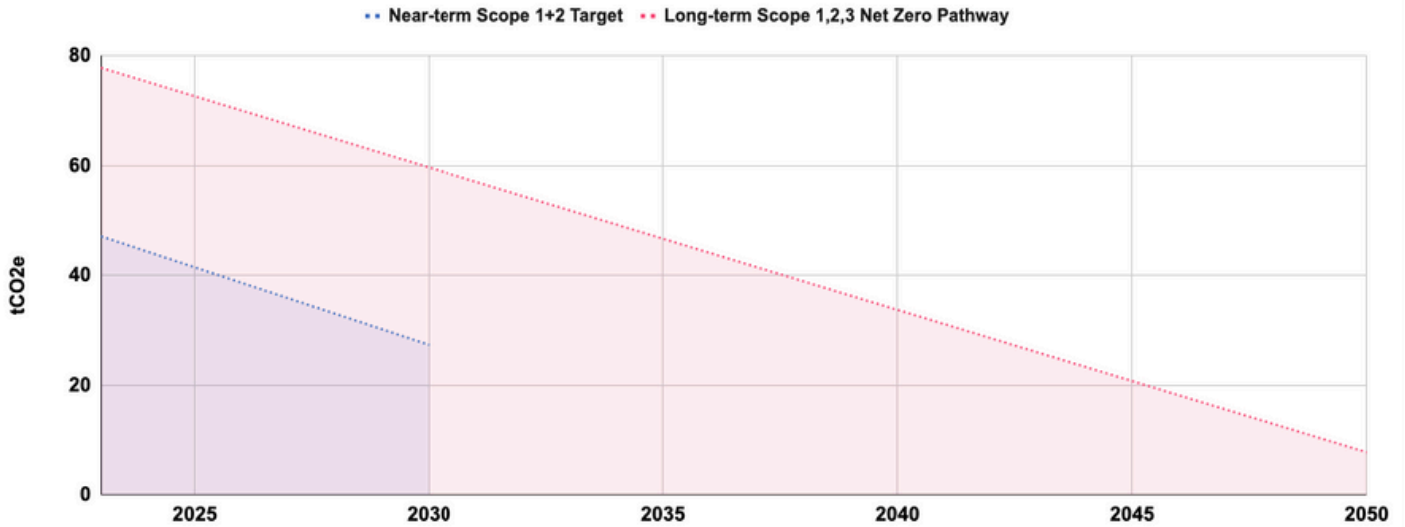
In practice, this equates to a 90% absolute reduction in Scope 1, 2 and 3 emissions by 2050 from our 2023 baseline. The remaining 10% of emissions will be balanced by emissions removals to achieve net zero.

To ensure we make tangible, science-based and continuous progress towards our long-term target, we have also adopted a near-term target in line with the recommendations of the Science-based Targets Initiative:

- 42% absolute reduction in Scope 1 and 2 by 2030 from our 2023 base.

Our annual emissions reduction targets are set out in the chart below:

Carbon Reduction Targets

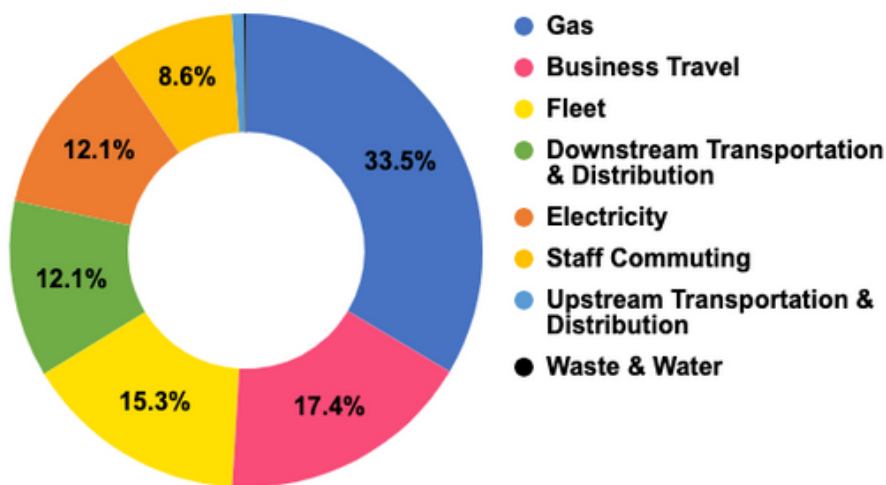


Our targets commit us to a decrease in total annual Scope 1 and 2 emissions over the next five years to 33 tCO₂e, a reduction of 30% against our baseline year.

Carbon Reduction Projects

Experia is committed to taking action to bring down our emissions in-line with our near-term and long-term targets. A materiality analysis of our 2023 emissions shows that gas and electricity consumption in our head office is responsible for nearly half (46%) of our carbon impact. Other key categories include business travel, fleet and downstream supply chain, as shown by the chart below:

Emissions Breakdown 2023



Current & Ongoing Carbon Reduction Initiatives

Energy Efficiency

We have already completed several energy efficiency projects in recent years, including switching to LED lighting in 2015 and upgrading gas heating in 2022.

Renewable Electricity

During 2023 we invested in a rooftop solar panel system that is expected to be installed in 2025. This will significantly reduce our grid electricity consumption.

Local Supply Chains

We source our goods and services locally wherever possible. 64% of goods purchased in 2023 by weight were sourced within 50 miles of our head office. As a result, our Upstream Transportation and Distribution emissions make up less than 1% of our measured carbon footprint (0.66 tCO₂e).

Waste

We assess and efficiently utilise all materials to minimise production waste, and ensure zero waste is sent to landfill by segregating recyclable materials. Waste generation makes up less than 1% of our measured carbon footprint (0.11 tCO₂e) as a result.

Products

Experia manufactures products that are designed for longevity. We have products in the field that have been operational for over 16 years. In the event of faults, components are brought back to our head office where they are repaired, reused or recycled.

We also operate a trade-back scheme to help customers to recondition their old equipment for reuse or repair. We plan to communicate this option more widely in future to ensure all customers are aware of the scheme.

Future Projects under consideration

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

Energy Efficiency

Gas consumption remains the largest single contributor to our measured carbon footprint due to difficulties heating our large production spaces. Moving forward, we are exploring measures to improve energy efficiency by partitioning areas within production, implementing heating controls and settings, draught-proofing, and training our staff in energy efficiency and sustainability awareness.

Renewable Electricity

We are exploring options for switching to a 100% renewable electricity tariff for the remaining mains consumption we cannot eliminate through on-site solar generation.

Fleet

We currently operate a diesel van for our own deliveries, installations and servicing around the UK. Based on 2023 figures, switching to a battery electric alternative would reduce our Scope 1 emissions by 12 tCO₂e, or 31%, making this one of our most material carbon reduction opportunities. We will analyse our van usage in more detail to explore the feasibility of this opportunity.

Business Travel

We have reduced our business travel by performing as many meetings as possible remotely and by offering a self-survey option to customers. We are investigating making this a discounted option to customers to encourage sustainability. We will also investigate opportunities to reduce our business travel and commuting emissions by encouraging use of sustainable modes of travel where feasible, and exploring the possibility of offering an EV Salary Sacrifice scheme for employees.

Waste

We are exploring solutions for recycling vinyl used in our products, which is rarely able to be reused when reclaimed from customers at end-of-life. Identifying a recycling option will help to reduce the volume of waste that is disposed through general waste and incinerated.

Measurement and reporting

For future reporting periods, we are planning to expand our emissions reporting to unmeasured categories, including Purchased Goods and Services, Fuel- and Energy-related Activities, Use of Products and Product End-of-Life, to gain a broader understanding of our environmental footprint.

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***.

* <https://ghgprotocol.org/corporate-standard>

** <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

*** <https://ghgprotocol.org/standards/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 the organisation



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Gareth Jones, Director
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Date: 3rd October 2024