Carbon Reduction Plan template

Supplier name	University of Leeds
Publication date	July 2026

Commitment to achieving net zero

University of Leeds 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.

Baseline year: 2019/20 (for scope 1 and 2), 2018/19 (for scope 3)

Additional details relating to the baseline emissions calculations:

Emissions reporting has moved to align with GHG Reporting Protocol since the calculation of our baseline emissions. This has meant that downstream leased assets are included in scope 1 and 2 emissions for our baseline year, but scope 3 category 13 for later reporting. In 2024/25 downstream leased assets represented 1,554 tonnes CO2e.

Baseline year emissions:

Emissions	Total (tCO2e)
Scope 1	43,333
Scope 2	8,012
Scope 3 (categories 1, 2, 5, 6, 7)	122,959
Total emissions	174,415

Current emissions reporting

Reporting year: 2024/25

Emissions	TOTAL (tCO2e)
Scope 1	31,367
Scope 2	7,332
Scope 3 (categories 1, 2, 5, 6, 7, 13)	154,628
Total emissions	193,327

Emissions reduction targets

In order to continue our progress to achieving net zero, we have adopted the following carbon reduction targets.

We have targeted a carbon emissions decrease over the next five years to 131,706 tCO2e by 2030/31. This is a reduction of 32% versus 2024/25. Our delivery pathway to achieve this is being reviewed and we currently project emissions to reduce to around 145,123 tCO2e by 2030/31, a reduction of 25%.

Carbon reduction projects

Completed carbon reduction initiatives

The following environmental management measures and projects have been completed or implemented since the 2019/20 baseline. The carbon emission reduction achieved by these schemes and other behaviourally driven emissions changes equate to 2,603 tCO2e[1], a 6% reduction in estate-based emissions (scope 1, 2 and scope 3 category 13 downstream leased assets) against the 2019/20 baseline and the measures will be in effect when performing the contract.

- Installed Air Source Heat Pumps at the Brownlee Triathlon Centre.
- Replaced lighting in student residences with low energy LED.
- Switched off two Combined Heat and Power (CHP engines) in the shared on-site generating station.
- Made changes to heating switch-off protocols to reduce energy use during heating season.
- Implemented energy efficiency and behaviour change measures to deliver energy and emissions savings, including winter and Easter shutdowns, alongside promotion of ‘Good Housekeeping’ guidance for energy efficiency.
- Installed smart energy technology linked to the Building Energy Management System (BEMS) as part of a trial to deliver ongoing optimisation of energy use.
- Increased the proportion of labs achieving ‘LEAF’ (Laboratory Efficiency Assessment Framework) certification by implementing energy and resource efficiency measures in high energy use laboratory spaces.

Future carbon reduction initiatives

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

- Further rollout of smart energy technology and BEMS to reduce energy use.
- Installation of solar panels for renewable energy generation.
- Further optimisation of operations in the shared on-site generating station.
- Installation of heat recovery ventilation in a high energy use building.
- Development of plans to upgrade campus-wide heating infrastructure to allow for decarbonisation.
- Further expansion of engagement programme with high energy users across campus (including laboratory spaces) to reduce energy use, waste and water.
- Development of onsite low carbon energy centre.
- Switch to 100% renewable ‘deep green’ energy tariffs
- Installation of battery storage to optimise energy use.
- Implementation of additional initiatives to support sustainable business travel and

[1] This figure represents all reductions in emissions that are not accounted for by changes in emissions intensity factors. This figure does include an undefined variance, likely due to weather, occupancy building rates and methodology changes etc.

commuting choices.
- Engagement with suppliers to further improve reporting and support the setting and delivery of science-aligned net zero targets across our supply chain.

Declaration and sign off

This Carbon Reduction Plan has been completed in accordance with PPN 006 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[13] and uses the appropriate government emission conversion factors for greenhouse gas company reporting.[14]

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements (where required), 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.[15]

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of the supplier:

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Date: 29.06.2026

[13] https://ghgprotocol.org/corporate-standard

[14] www.gov.uk/government/collections/government-conversion-factors-for-company-reporting

[15] https://ghgprotocol.org/standards/scope-3-standard