

LONDON SOUTH BANK UNIVERSITY CARBON REDUCTION PLAN

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Date:
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CARBON REDUCTION PLAN

Supplier name: London Southbank University (LSBU)

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COMMITMENT TO ACHIEVING NET ZERO

LSBU is committed to achieving net zero carbon emissions by 2050.

BASELINE EMISSIONS FOOTPRINT

Baseline Year: 2019-2020	
Additional Details relating to the Baseline Emissions calculations.	
<p>LSBU has chosen the 2019-20 academic year (1st August 2019 - 31st July 2020) as the baseline year, this is the last “reflective” reporting year prior to the COVID-19 pandemic. It must be noted that some impacts from the disrupted period are present in these figures (primarily in changes in employee commuting and homeworking practices), however it was determined that this was the most representative year from a data quality and availability perspective.</p> <p>An operational control approach has been adopted.</p> <p>LSBU has a mature approach for Scope 1 and 2 data collection and a high degree of confidence in their data. As LSBU purchase renewable electricity a market-based approach has been taken in their Scope 2 reporting.</p> <p>LSBU’s Scope 3 data collection practices are less mature and subsequently a spend-based calculation was undertaken across the most material categories (1 – Purchased Goods and Services, 2 – Capital Goods). LSBU are on a journey of data and reporting maturation regarding Scope 3 data, and it is anticipated that scope 3 data quality will improve over the next 10 years across the HE sector.</p>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	1,644
Scope 2	0 (market-based)



Scope 3 (Included Sources)	Category 1 - Purchased goods and services: 19,515 Category 2 - Capital goods: 4,032 Category 3 - Fuel-and-energy-related activity: 455 Category 4 - Upstream transportation and distribution: 34 Category 5 - Waste generated in operations: 69 Category 6 - Business travel: 677 Category 7 - Employee commuting: 1,413 Category 8 - Upstream leased assets: 32 Category 9 - Downstream transportation and distribution: This category was deemed irrelevant to LSBU as they do not sell products that are transported. Category 10 - Processing of sold products: This category was deemed irrelevant to LSBU as they do not sell products with downstream processing. Category 11 - Use of sold products: This category was deemed irrelevant to LSBU as they do not sell products that have an associated energy use outside of its own operations. Category 12 - End of life treatment of sold products: This category was deemed irrelevant to LSBU as they do not sell products that are disposed of. Category 13 - Downstream leased assets: LSBU do take rooms in Tabard Street and Havering, however it is assumed that the emissions from these sites are included in the Scope 1 and 2 totals. Category 14 - Franchises: This category was deemed irrelevant to LSBU as they do not operate any franchises. Category 15 - Investments: This category was deemed irrelevant to LSBU. It was confirmed with LSBU that the scale of their investments and endowments was small, and the associated emissions would be considered immaterial.
Total Emissions	27,872



Current Emissions Reporting

Reporting Year: 2020-21	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	1,817
Scope 2	0 (market-based)
Scope 3 (Included Sources)	26,227 (2019/20) - Scope 3 emissions for current year are due be calculated as part of annual reporting at the end of the current academic year.
Total Emissions	1,871 (excluding Scope 3 for current year until year end where it will be published and updated)

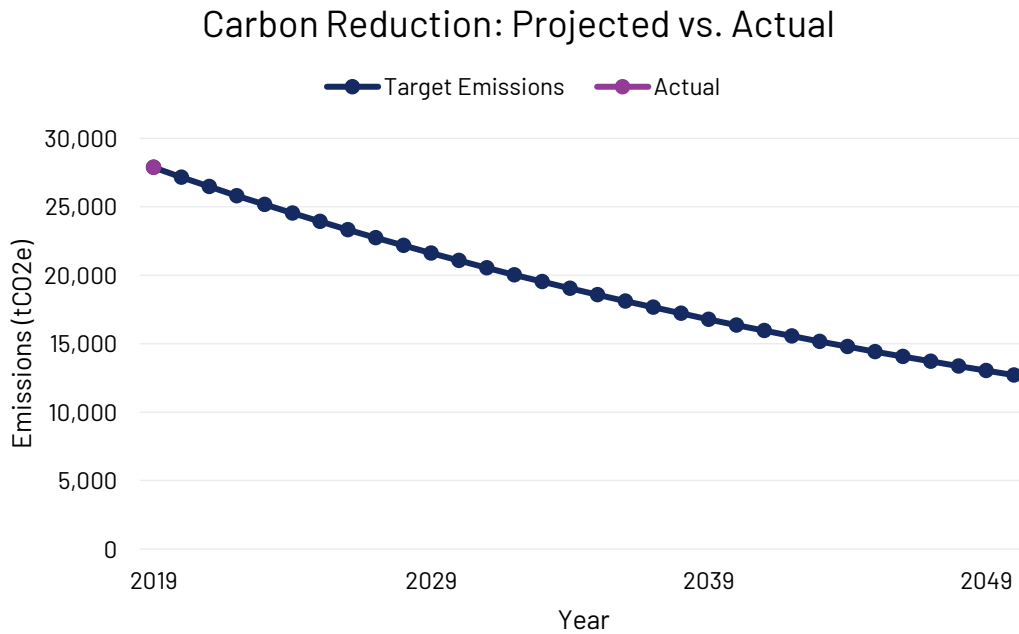


EMISSIONS REDUCTION TARGETS

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets:

We project that carbon emissions will decrease over the next five years to 22,738 tCO₂e by 2027. This is a reduction of 18%

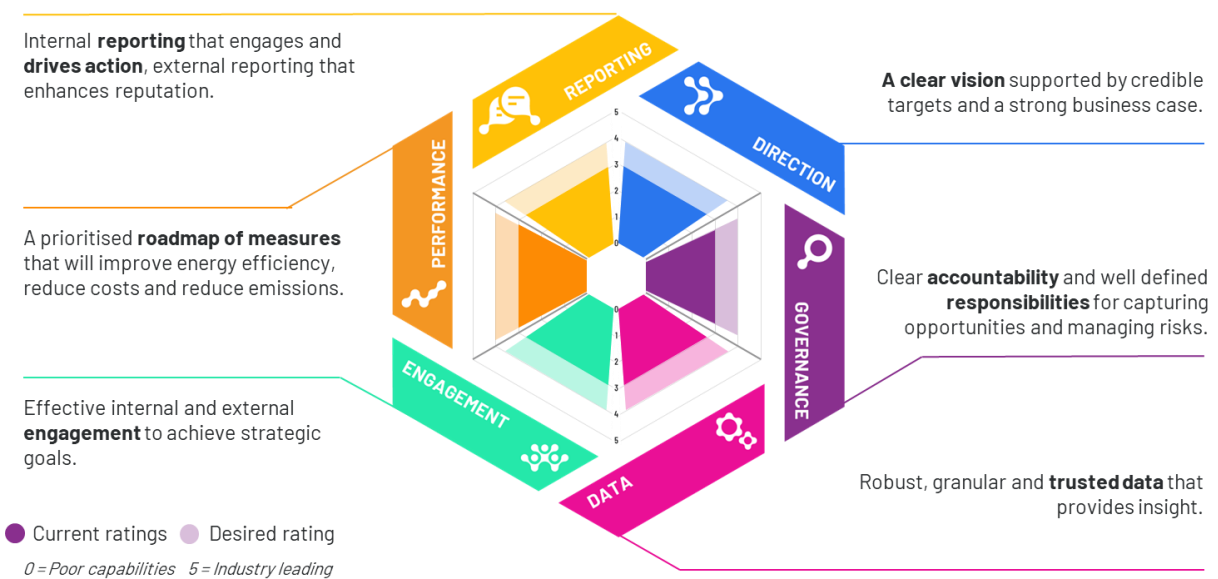
Progress against these targets can be seen in the graph below:





CARBON REDUCTION PROJECTS

LSBU is committed to reducing carbon emissions in line with the government’s 2050 targets, however it is currently developing a strategy to understand how it can go further than this and align its emissions reduction to the Paris Agreement. To start this journey LSBU will be developing its carbon reduction strategy around 6 dimensions.



Direction

In order to set a clear vision that is supported by credible targets LSBU will be looking to investigate setting a target that is Science-Based, and that includes both near-term, and long-term targets alongside a credible removal’s strategy. This target will be aligned to a 1.5 degree warming scenario and will aim to hit “net-zero” carbon emissions ahead of 2050.

Governance

An environmental strategy group has been created at the university, chaired by a member of the executive leadership team with clear accountability for creating the strategy, and driving it through. This group will also be accountable for highlighting the physical and transition risks and opportunities associated with a warming climate.



Data

Access to high quality data is essential to reduce carbon, LSBU has invested in a leading carbon management platform with the ability to collect all scopes of GHG emissions at regular intervals to report and interrogate. This includes the collection of value chain data.

Engagement

LSBU will be adopting a dual approach to engagement. Engagement across the universities students and staff will be crucial to sharing the vision for decarbonisation and finding quick wins. And to target the most material emissions categories, engagement will be carried out into the supply chain to improve procurement processes, collect more accurate data and to encourage suppliers to adopt science-based targets.

Performance

Due to the disruption caused by the COVID-19 pandemic there has been little in the way of capex projects implemented since the baseline year. However, operational changes have been made to scheduling and runtimes within the buildings, the carbon impact of these will be quantified during annual reporting.

In the future LSBU are looking to implement further measures to decarbonise its scope 1 and 2 emissions:

- BMS optimisation within largest multiuse buildings and spaces on campus
- Capital replacement of old lighting systems with LEDs

Reporting

LSBU will be looking to produce an annual report to highlight actions, progress over the year, key messages and strategic pivots and reduction against plan.



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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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) Standard³.

This Carbon Reduction Plan has been reviewed and signed off by the **Group Executive**.

Signed on behalf of the Supplier:

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Date:

¹<https://ghgprotocol.org/corporate-standard>

²<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

³<https://ghgprotocol.org/standards/scope-3-standard>



APPENDIX: GUIDANCE NOTE

Where an In-Scope Organisation has determined that the measure applies to the procurement, suppliers wishing to bid for that contract are required at the selection stage to submit a Carbon Reduction Plan which details their organisational carbon footprint and confirms their commitment to achieving Net Zero by 2050.

Carbon Reduction Plans are to be completed by the bidding supplier⁴ and must meet the reporting requirements set out in supporting guidance, and include the supplier's current carbon footprint and its commitment to reducing emissions to achieve Net Zero emissions by 2050.

The CRP should be specific to the bidding entity, or, provided certain criteria are met, may cover the bidding entity and its parent organisation. In order to ensure the CRP remains relevant, a Carbon Reduction Plan covering the bidding entity and its parent organisation is only permissible where the detailed requirements of the CRP are met in full, as set out in the Technical Standard⁵ and Guidance⁶, and all of the following criteria are met:

- The bidding entity is wholly owned by the parent;
- The commitment to achieving net zero by 2050 for UK operations is set out in the CRP for the parent and is supported and adopted by the bidding entity, demonstrated by the inclusion in the CRP of a statement that this will apply to the bidding entity;
- The environmental measures set out are stated to be able to be applied by the bidding entity when performing the relevant contract; and
- The CRP is published on the bidding entity's website.

Bidding entities must take steps to ensure they have their own CRP as soon as reasonably practicable and should note that the ability to rely on a parent organisation's Carbon Reduction Plan may only be a temporary measure under this selection criterion.

The Carbon Reduction Plan should be updated regularly (at least annually) and published and clearly signposted on the supplier's UK website. It should be approved by a director (or equivalent senior leadership) within the supplier's organisation to demonstrate a clear commitment to emissions reduction at the highest level. Suppliers may wish to adopt the key objectives of the Carbon Reduction Plan within their strategic plans.⁷

⁴Bidding supplier or 'bidding entity' means the organisation with whom the contracting authority will enter into a contract if it is successful.

⁵Technical Standard can be found at:

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/991625/PPN_06_21_Technical_standard_for_the_Completion_of_Carbon_Reduction_Plans__2_.pdf

⁶Guidance can be found at:

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/991623/Guidance_on_adopting_and_applying_PPN_06_21__Selection_Criteria__3_.pdf

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