

# Carbon Reduction Plan

Supplier name: Arup (Ove Arup & Partners International Ltd, Ove Arup & Partners Ltd)

Publication date: 30 January 2025

## Commitment to achieving Net Zero

Arup is committed to achieving Net Zero emissions by 2040.

## Baseline Emissions Footprint

<b>Baseline Year: 2019</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
<p>The emissions presented are for Arup Group Ltd, accounting for all global emissions, including the emissions of Ove Arup &amp; Partners International Ltd, and Ove Arup &amp; Partners Ltd.</p> <p>Category 4: Upstream transportation and distribution emissions are captured within Category 1: Purchased goods and services. The Category 1 methodology includes allowance for all upstream emissions including transportation. It is not possible for Arup to report these emissions separately at this time but we are working towards disaggregation.</p> <p>Arup does not have any Category 9. Downstream transportation and distribution impacts.</p>	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	<b>1,107</b>
<b>Scope 2</b>	<b>9,948*</b>
<b>Scope 3 Total (Included Sources)</b>	<b>161,445</b> Made up of the following categories**: Purchased goods and services Capital goods Waste generated in operations Business travel Employee commuting
<b>Total Emissions</b>	<b>172,500</b>

\* Market-based emissions. Location-based emissions are 9,948 tCO<sub>2</sub>e

\*\* As defined by The Greenhouse Gas Protocol, A Corporate Accounting and Reporting Standard Protocol

## Current Emissions Reporting

Reporting Year: 2024	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	970
Scope 2	613*
Scope 3 (Included Sources)	113,755 Made up of the following categories**: Purchased goods and services Capital goods Waste generated in operations Business travel Employee commuting
<b>Total Emissions</b>	<b>115,338</b>

\* Market-based emissions. Location-based emissions are 7,264 tCO<sub>2</sub>e

\*\* As defined by The Greenhouse Gas Protocol, A Corporate Accounting and Reporting Standard Protocol

## Emissions reduction targets

Arup is committed to achieving net zero emissions. We will achieve this by pursuing an ambitious 1.5°C aligned science-based target for our full value chain emissions and compensating residual hard-to-decarbonise emissions with certified greenhouse gas removal.

We have set the following targets, validated by the Science Based Targets initiative (SBTi).

**Overall Net-Zero Target:** Arup Group Ltd. commits to reach net-zero greenhouse gas emissions across the value chain by FY2040.

**Near-Term Targets:** Arup Group Ltd. commits to reduce absolute scope 1 and 2 GHG emissions 90% by FY2030 from a FY2019 base year. Arup Group Ltd. also commits to reduce absolute scope 3 GHG emissions 35% within the same timeframe.

**Long-Term Targets:** Arup Group Ltd. commits to maintain at least 90% absolute scope 1 and 2 GHG emissions reductions from FY2030 through FY2040 from a FY2019 base year. Arup Group Ltd. also commits to reduce absolute scope 3 GHG emissions 90% by FY2040 from a FY2019 base year.

We project that our scope 1 and 2 carbon emissions will decrease over the next five years to 1,105 tCO<sub>2</sub>e by 2030. This is a reduction of 4% from the latest reporting year and a reduction of 90% from the baseline year.

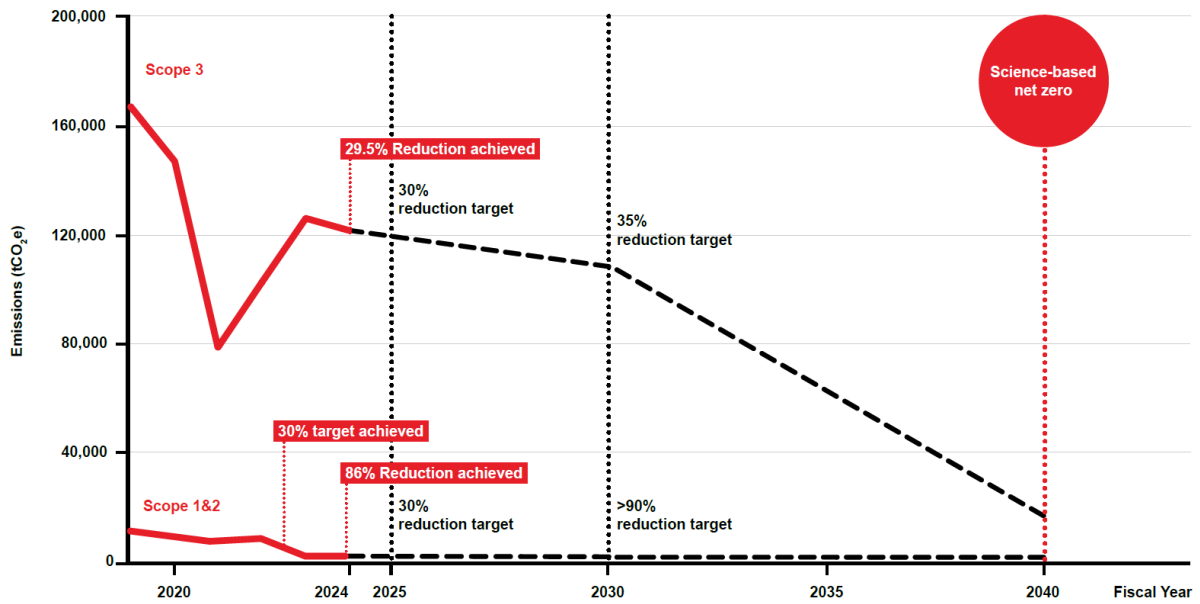
We project that our scope 3 carbon emissions will decrease over the next five years to 104,939 tCO<sub>2</sub>e by 2030. This is a reduction of 5% from the latest reporting year, and a reduction of 35% from the baseline year.

We project that our total emissions will decrease over the next five years to 106,045 tCO<sub>2</sub>e by 2030. This is a reduction of 8% from the latest reporting year, and a reduction of 39% from the baseline year.

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

Scope 1 & 2 and Scope 3 Emissions: Actual and Projected

Key: — Actual — Projected



## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

We recognise the threat to the planet posed by human-caused climate change and are committed to reducing our operational carbon emissions.

The following environmental management measures and projects have been completed or implemented since the 2019 baseline:

- We have purchased 100% renewable electricity to power our properties since 2023 and continue to invest in improving the energy efficiency of our portfolio.
- We have achieved an 83% reduction in scope 1 & 2 emissions in 2023, achieving our near-term scope 1 and 2 science-based target two years ahead of schedule.
- We have transitioned several offices out of gas- heated buildings. We are exploring the feasibility of retrofitting or exiting all gas-heated buildings by 2030.
- We have reduced our business travel emissions by 34% through the implementation of our global travel protocol and adoption of improved technology for virtual meetings.
- We have reduced commuting emissions by 50% through implementing hybrid working and relocating a number of our offices to city centre locations with improved connectivity.
- We have implemented a global supplier engagement programme to better understand and influence emissions from our wider value chain and explore collaboration opportunities for emissions reduction.
- We have enhanced accounting methodologies, and integrated Whole Life Cycle Assessment (WLCA) into our office design approach and emissions accounting process
- We have invested the funds collected through our carbon levy of £113/tCO<sub>2</sub>e to support projects such as installing solar panels and air source heat pumps to reduce emissions
- We have received third-party assurance for our 2023 and 2024 emissions data.

The carbon emission reduction achieved by these schemes equate to 57,162 tCO<sub>2</sub>e, a 33% reduction against the 2019 baseline and the measures will be in effect when performing the contract.

In future we will implement further measures, such as:

- Increasing energy efficiency across our offices, particularly at point of refurbishment or when selecting new premises.
- Use of the travel hierarchy to reduce travel emissions across all modes, and choose lower emission modes of travel where possible.
- Ensuring our suppliers equally commit to reduced carbon emissions, and have plans to achieve this, improved data collection to inform spending decisions.
- Continued application of measures to minimise waste; reduce procurement of not needed items and improving circularity within our offices.

## Declaration and Sign Off

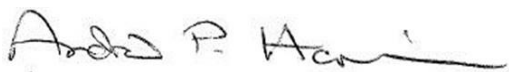
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>.

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<sup>3</sup>.

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:



Andrew Harrison  
Group Commercial Director  
Arup Group Limited  
Date: 30.01.2025

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

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

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