

Carbon Reduction Plan

Supplier Name: Arc Group London Ltd

Publication Date: March 2026

Commitment to Achieving Net Zero

Arc Group London Ltd is committed to achieving **Net Zero greenhouse gas emissions by 2030**.

As a construction and property services provider, we recognise that the built environment plays a critical role in addressing climate change. We therefore aim to embed carbon reduction and sustainable practices into all aspects of our operations, from procurement and fleet management to project delivery and supply chain engagement.

Our commitment aligns with the UK Government's Net Zero Strategy and our own organisational sustainability objectives as outlined within the Arc Group Net Zero Carbon Strategy.

This Carbon Reduction Plan has been developed in accordance with **PPN 06/21 and the associated Technical Standard for Carbon Reduction Plans** and will be reviewed and updated annually.

Baseline Emissions Footprint

Baseline Year: 2020

Baseline emissions represent the first year in which a full assessment of Scope 1, 2 and relevant Scope 3 emissions was undertaken for Arc Group.

Emissions Category	tCO ₂ e
Scope 1	145.7
Scope 2	37
Scope 3 (Included Sources)	91.9
Total Emissions	274.6

Scope 3 Baseline Breakdown

Scope 3 Source	tCO ₂ e
Staff commuting	58.2
Business travel	24.6
Operational waste	9.1
Total Scope 3	91.9

These emissions were calculated using the **GHG Protocol Corporate Accounting Standard** and the **UK Government greenhouse gas conversion factors** applicable at the time of reporting.

Current Emissions Reporting

Reporting Year: 2025

Emissions Category	tCO₂e
Scope 1	118.3
Scope 2	5.6
Scope 3 (Included Sources)	104.9
Total Emissions	228.8

Scope 3 Current Year Breakdown

Scope 3 Source	tCO₂e
Staff commuting	63.1
Business travel	31.7
Operational waste	10.2
Total Scope 3	104.9

Scope 3 reporting currently includes:

- Staff commuting
- Business travel
- Operational waste

Arc Group recognises that Scope 3 emissions represent a significant proportion of the construction sector's total footprint. As part of our Net Zero Carbon Strategy, the Scope 3 boundary will continue to expand to include additional categories such as:

- Purchased goods and services
- Upstream transport and distribution
- Construction materials and subcontractor activities
- Capital goods and equipment

Emissions Reduction Achieved

Since our baseline year of 2020, Arc Group has achieved a **reduction in total emissions of approximately 16.7%**, decreasing from **274.6 tCO₂e to 228.8 tCO₂e**.

The most significant reductions have occurred within **Scope 2 emissions**, largely as a result of:

- Transitioning to renewable electricity sources
- Installation of **Solar PV and Air Source Heat Pumps** at our head office
- Improved building energy efficiency and lighting controls

Scope 1 emissions have also reduced through improved fleet efficiency and operational practices.

Scope 3 emissions have increased slightly due to growth in operational activity and staff travel; however, targeted initiatives are being implemented to reduce these emissions in future reporting periods.

Carbon Reduction Projects

Arc Group has implemented a range of carbon reduction initiatives aligned with our Net Zero Carbon Strategy.

Energy & Buildings

- Installation of **solar photovoltaic panels** at head office
- Installation of **Air Source Heat Pumps**
- Transition to **100% renewable electricity supply**
- Deployment of energy-efficient lighting with occupancy sensors

Fleet & Transport

- Progressive transition of company vehicles to **electric and hybrid models**
- Introduction of **HVO fuel as a lower-carbon alternative**
- Incentives for staff to purchase electric vehicles
- Promotion of **car sharing and public transport commuting**

Operations & Digital Transformation

- Increased use of **video conferencing to reduce business travel**
- Reduction of paper usage through digital documentation
- Adoption of electronic reporting systems and digital project management platforms

Procurement & Supply Chain

- Engagement with suppliers on their carbon reduction commitments
- Preference for **low-carbon materials and responsible sourcing**

- Encouragement of suppliers to develop their own Carbon Reduction Plans

Waste & Circular Economy

- Improved waste segregation and recycling procedures
- Reduction in construction waste sent to landfill
- Exploration of reuse and recycling opportunities across projects

Future Carbon Reduction Initiatives

To achieve our Net Zero commitment by 2030, Arc Group will continue implementing measures including:

- Full electrification of the company fleet where operationally viable
- Expansion of renewable energy generation across our facilities
- Improved carbon data collection across projects
- Integration of carbon performance within procurement decisions
- Collaboration with clients and suppliers to reduce embodied carbon
- Expansion of Scope 3 reporting categories
- Staff engagement programmes to support behavioural change

These initiatives will be supported by ongoing monitoring, annual reporting, and continuous improvement processes.

Declaration and Sign Off

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

Emissions have been calculated in accordance with the **Greenhouse Gas Protocol Corporate Accounting and Reporting Standard** and the appropriate **UK Government emission conversion factors**.

Scope 3 emissions currently include staff commuting, business travel and operational waste. These boundaries will be expanded progressively as part of Arc Group's Net Zero Carbon Strategy.

This Carbon Reduction Plan has been reviewed and approved by the senior leadership team.

Signed on behalf of Arc Group London Ltd



Chris Langbridge
Group COO Date: March 2026