



Electrical and Mechanical Services (UK) Ltd.

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Thamesmead
LONDON
SE28 0GW

Sustainability Action Plan

January 2023- January 2024, Carbon Footprint, 7324.70 Tonnes

January 2024- January 2025, Carbon Footprint, 5903.00 Tonnes

January 2025- January 2026, Carbon Footprint, 6554.46 Tonnes



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Foreword

This Electrical and Mechanical Services (UK) Ltd sustainability action plan is intended to meet the growing call from society and government for UK businesses to operate more sustainably; and there are benefits for companies in the construction industry which do so.

This fact sheet introduces sustainable construction for companies across the industry, whether or not they have made progress on sustainability to date.

Sustainability underpins future profits.

A sustainable approach takes account of the need for your company to prosper in business, without seeking profitability at the expense of the environment or society. It recognises that decisions made now will have long term as well as short term impacts. Sustainability is sometimes termed the 'triple

bottom line', because it involves a commitment to economic, environmental, and social objectives:

- **economic sustainability:** increasing profitability by making more efficient use of resources including labour, materials, energy and water.
- **environmental sustainability:** protecting the environment from the impact of emissions, effluent, and waste and where possible, enhancing it and using natural resources, carefully.
- **social sustainability:** recognising the needs of everyone impacted by construction, from inception of a project to demolition the list will include construction site workers, local communities, the supply chain, and people that will use the finished product.



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1. Environmental Management

Electrical & Mechanical Services (UK) Ltd outline an environmental project specific to give a clear indication of our responsibilities.

Electrical & Mechanical Services (UK) Ltd have been accredited the UKAS ISO14001 Certificate, which is clear indication that we conduct the correct manner in how our business is run while undertaking our responsibilities towards the environment and our sustainability.

All our staff have an induction, and toolbox talks from their managers/supervisors on a weekly basis, our in-house health and safety manager visits our sites on a regular basis to look after our employees and to attend meetings with our clients to ensure everyone's health & safety, wellbeing is considered.

Our pollution policies consider various problems or nuisances in areas in the construction industry. Our control measures, monitoring and measurements are detailed in our environmental plan.

2. Carbon Footprint

CO₂ Emissions

- Excessive CO₂ emissions from deliveries (deliveries can be block delivered where the client can allow a material & plant laydown area), we will also use local suppliers and deliver to other projects within the same area on the same deliveries where possible using our delivery software
- Excessive CO₂ emissions from site operations have been lowered through LED striplight options throughout our range and switching of the non essential standard power and lighting circuits.
- Our energy efficiency measures are detailed in our environmental plan in which Electrical & Mechanical Services (UK) Ltd endeavour to deliver innovated ideas and realistic targets to our clients on a regular basis as we move forward to a 50% reduction by the year 2030

3. Efficiency Targets

Electrical & Mechanical Services (UK) Ltd efficiency targets are project specific as our company provide the temporary site services to the construction industry.

This means our electrical and water packages are implemented towards the utility's services within the footprint of the construction site we are working on.

All services are in conjunction with the local authorities to ensure all the correct water and electrical certificates are continuously issued, while offering sustainable and environmentally



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friendly installation packages.

4. Packaging, Waste and Deliveries

Electrical & Mechanical Services (UK) Ltd are aware of the requirement to Target Net Zero Carbon Emissions by 2050 and to half our greenhouse gas emissions by 2030 and to comply with the requirements of the project. This will support this by actively carrying out waste minimisation actions as per the Trade Contractor.

We provide a packageless delivery service direct from our headoffices to the construction site.

The following are the key waste streams and waste minimisation actions

- Materials delivered void of packaging
- SWA cabling re-used or recycled
- Artic flex re-used or recycled
- All Mdu and Transformer plant returned for testing and re-use
- All UVPC pipework returned and re-used
- All light fittings are recyclable and are re-used
- All cable drums returned to Cleveland cables for re-use
- Energy usage
- Water usage

5. Document Control

Please see below the policies, accreditations and other documents issued with Electrical & Mechanical Services (UK) Ltd sustainability action plan

Issue Date	Quality Control Number	Document
January 2026	1903	BS EN ISO 9001:2015
January 2026	1904	BS EN ISO 14001:2015
January 2026	QC0045	Environmental Policy Statement
January 2026	QC0076	Pollution Nuisance Avoidance
January 2026	QC0046	Environmental, Sustainability & Quality Risk Assessment
January 2026	QC0099	Sustainability Action Plan
January 2026	CBDL97325	Waste Licence



6. Key Waste Streams

Issue Date	key waste streams	Actions Item
January 2026	General Materials packaging	1
January 2026	SWA cabling	2
January 2026	Artic flex cables	3
January 2026	Plant/Equipment	4
January 2026	UVPC Pipework	5
January 2026	Light fittings	6
January 2026	Cable drums	7
January 2026	Electricity usage	8
January 2026	Water usage	9
January 2026	Vehicle usage	10
January 2026	Purchased services	11
January 2026	Purchase goods standard office	12
January 2026	Purchase goods additional construction	13
January 2026	Carbon footprint data base	14
January 2026	Staff Engagement & Training	15
January 2026	Hold Sustainability Week	16

7. Action Items

Action 1	General Materials packaging
Timings	January 2025 – January 2026
Costs	No costs
Owner	Depot co-ordinator Manager
Emissions Reduction/Increase	2025-2026reading



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Action 2	SWA cabling
Timings	January 2025 – January 2026
Costs	1,022.40 tCO ₂ e
Owner	Depot co-ordinator Manager
Emissions Reduction/Increase	2024-2025 reading

Action 3	Artic flex cables
Timings	January 2025 – January 2026
Costs	55.38 tCO ₂ e
Owner	Depot co-ordinator Manager
Emissions Reduction/Increase	2025-2026 reading

Action 4	Plant/Equipment
Timings	January 2025 – January 2026
Costs	142.00 tCO ₂ e
Owner	Depot co-ordinator Manager
Emissions Reduction/Increase	2025-2026 reading

Action 5	UVPC Pipework
Timings	January 2025 – January 2026
Costs	82.36 tCO ₂ e
Owner	Depot co-ordinator Manager
Emissions Reduction/Increase	2025-2026 reading

Action 6	Light fittings
Timings	January 2025 – January 2026
Costs	177.50 tCO ₂ e
Owner	Depot co-ordinator Manager
Emissions Reduction/Increase	2025-2026 reading

Action 7	Cable drums
Timings	January 2025 – January 2026
Costs	No Costs
Owner	Depot co-ordinator Manager
Emissions Reduction/Increase	All wooden cable drums to be returned to cable suppliers for re-use. 2025-2026



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Action 8	Electricity usage
Timings	January 2025 – January 2026
Costs	18.5316 tCO ₂ e
Owner	Environmental Manager
Emissions Reduction/Increase	80426 KWH, 2024-2025 reading

Action 9	Water usage
Timings	January 2025 – January 2026
Costs	0.2137 tCO ₂ e
Owner	Environmental Manager
Emissions Reduction/Increase	565250 Litres, 2024-2025 reading

Action 10	Vehicle usage
Timings	January 2025- January 2026
Costs	205.2572 tCO ₂ e
Owner	Environmental Manager
Emissions Reduction/Increase	11,953 Lt petrol 33.4127 tCO ₂ e 52,331 diesel 2025-2026 reading 171.8445 tCO ₂ e

Action 11	Purchased services
Timings	January 2025 – January 2026
Costs	686.1260 tCO ₂ e
Owner	Environmental Manager
Emissions Reduction/Increase	2025-2026 reading

Action 12	Purchase goods standard office
Timings	January 2025 – January 2026
Costs	131.5994 tCO ₂ e
Owner	Environmental Manager
Emissions Reduction/Increase	2025-2026 reading

Action 13	Purchase goods additional construction
Timings	January 2025 – January 2026
Costs	4,033.0960 tCO ₂ e
Owner	Environmental Manager
Emissions Reduction/Increase	2025-2026 reading



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Action 14	Carbon footprint data base
Timings	January 2025 – January 2026
Costs	
Owner	Environmental Manager
Emissions	5260 Tonnes, 2025-2026 reading
Reduction/Increase	Increase of 943 Tonnes (Increased Turnover)

Other Areas & Actions

Action 15	Staff Engagement & Training
Timings	January 2025 – January 2026
Costs	£ 1,500
Owner	HR Manager
Area covered	Sustainability inductions for existing and new hires

Action 16	Hold Sustainability Week
Timings	January 2025 – January 2026
Costs	£ 2,500
Owner	Marketing & HR
Area covered	Embed sustainability into the company culture