



Sustainability Action Plan



Electrical & Mechanical Services (UK) Ltd
Temporary Installations, Permanent Commitment

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 CO 2 emissions from site operations also client has LED striplight options and switching on the non essential standard power and lighting circuits available.
- 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.

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 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 are a pakageless upon deliver direct from our headquarters 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 | QCO045 | Environmental Policy Statement |
| January 2026 | QCO076 | Pollution Nuisance Avoidance |
| January 2026 | Q00099 | 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 | 2025-2026 reading |

| Action 2 | SWA cabling |
|------------------------------|----------------------------------|
| Timings | January 2025 – January 2026 |
| Costs | 1,022.40 tCO₂e |
| Owner | Depot co-ordinator Manager |
| Emissions Reduction/Increase | 2024-2025 reading |

| | |
|------------------------------|-----------------------------|
| Action 3 | Artic flex cables |
| Timings | January 2025 – January 2026 |
| Costs | 55.38 tCO2e |
| Owner | Depot co-ordinator Manager |
| Emissions Reduction/Increase | 2025-2026 reading |

| | |
|------------------------------|-----------------------------|
| Action 4 | Plant/Equipment |
| Timings | January 2025 – January 2026 |
| Costs | 142.00 tCO2e |
| Owner | Depot co-ordinator Manager |
| Emissions Reduction/Increase | 2025-2026 reading |

| | |
|------------------------------|-----------------------------|
| Action 5 | UVPC Pipework |
| Timings | January 2025 – January 2026 |
| Costs | 82.36 tCO2e |
| Owner | Depot co-ordinator Manager |
| Emissions Reduction/Increase | 2025-2026 reading |

| | |
|------------------------------|-----------------------------|
| Action 6 | Light fittings |
| Timings | January 2022 – January 2023 |
| Costs | 177.50 tCO2e |
| Owner | Depot co-ordinator Manager |
| Emissions Reduction/Increase | 2025-2026 reading |

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

| | |
|------------------------------|------------------------------|
| Action 8 | Energy supplier |
| Timings | January 2025 – January 2026 |
| Costs | 18.5316 tCO2e |
| Owner | Environmental Manager |
| Emissions Reduction/Increase | 80426 KWH, 2024-2025 reading |

| Action 9 | Water supplier |
|------------------------------|-----------------------------------|
| Timings | January 2025 – January 2026 |
| Costs | 0.2137 tCO2e |
| Owner | Environmental Manager |
| Emissions Reduction/Increase | 565250 Liters, 2024-2025 readings |

| Action 10 | Vehicle usage |
|------------------------------|--|
| Timings | January 2025 – January 2026 |
| Costs | 205.2572 tCO2e |
| Owner | Environmental Manager |
| Emissions Reduction/Increase | 1,953 Lt petrol 33.4127 tCO2e 52,331 diesel 2025-2026 reading 171.8445tCO2e |

| Action 11 | Purchased services |
|------------------------------|-----------------------------|
| Timings | January 2025 – January 2026 |
| Costs | 686.1260 tCO2e |
| Owner | Environmental Manager |
| Emissions Reduction/Increase | 2025-2026 reading |

| Action 12 | Purchase goods standard office |
|------------------------------|---------------------------------------|
| Timings | January 2025 – January 2026 |
| Costs | 131.5994 tCO2e |
| Owner | Environmental Manager |
| Emissions Reduction/Increase | 2025-2026 reading |

| Action 13 | Purchase goods additional construction |
|------------------------------|---|
| Timings | January 2025 – January 2026 |
| Costs | 4,033.0960 tCO2e |
| Owner | Environmental Manager |
| Emissions Reduction/Increase | 2025-2026 reading |

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

Other Areas & Actions

| Action 14 | 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 |