Electrical & Mechanical Services (UK) Ltd

Temporary Installations, Permanent Commitment

QC0099

JANUARY 2025 - JANUARY 2026

Sustainability Action Plan

Electrical and Mechanical Services (UK) Ltd.

Unit 65.1 Sienna,
White Hart Triangle,
Thamesmead
LONDON
SE28 0GW

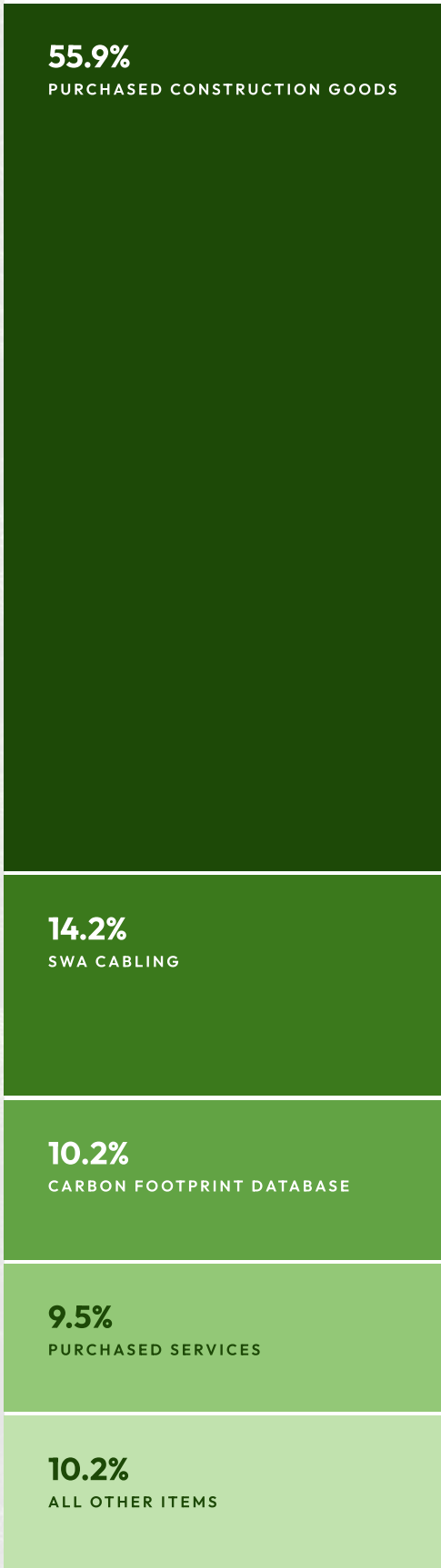
TOTAL CARBON FOOTPRINT

7213.02

Tonnes CO2e

16 action items · 16 key waste streams

SHARE OF REPORTED TONNES CO2e



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What this plan covers

OUR STATED TARGETS

2030

Halve greenhouse gas emissions; a 50% reduction.

2050

Target Net Zero Carbon Emissions.

DATA

Emissions at a glance

Twelve of the sixteen action items carry a tCO2e figure. Together they account for the full 7213.02 tonnes reported for January 2025 – January 2026.

ACTION ITEM	TONNES CO2e	VALUE	SHARE
Purchase goods additional construction		4,033.0960	55.9%
SWA cabling		1,022.40	14.2%
Carbon footprint data base		739	10.2%
Purchased services		686.1260	9.5%
Light fittings		177.50	2.5%
Plant/Equipment		142.00	2.0%
Purchase goods standard office		131.5994	1.8%
Vehicle usage		127.92	1.8%
UVPC Pipework		82.36	1.1%
Artic flex cables		55.38	0.8%
Electricity usage		15.54	0.2%
Water usage		0.09790	0.0%

Bars are drawn to a single linear scale.

TOTAL 7213.02 tCO2e

55.9%

of the footprint comes from purchased goods for construction

0.098 t

the smallest reported line — water usage

12 of 16

action items carry a tCO2e figure

FOREWORD

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.

CONTEXT

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	**economic sustainability:** increasing profitability by making more efficient use of resources including labour, materials, energy and water.
ENVIRONMENTAL	**environmental sustainability:** protecting the environment from the impact of emissions, effluent, and waste and where possible, enhancing it and using natural resources, carefully.
SOCIAL	**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.

01

ENVIRONMENTAL MANAGEMENT

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.

ACCREDITED TO

UKAS ISO14001

Certificate held by Electrical & Mechanical Services (UK) Ltd.

HOW IT IS MANAGED

Controls in place

01	Staff inductions	02	Weekly toolbox talks from managers and supervisors
03	In-house health & safety manager site visits	04	Environmental plan: control measures, monitoring and measurements

02

CARBON FOOTPRINT

Carbon Footprint

CO2 EMISSIONS

01 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

02 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.

03 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

03

EFFICIENCY TARGETS

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.

RESOURCE USE

Measured consumption for the period

ELECTRICITY

87812.80

KWH · 15.54 tCO2e

WATER

511,740

Litres · 0.09790 tCO2e

VEHICLE FUEL

51,749.09

Lt fuel · 127.92 tCO2e

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PACKAGING, WASTE AND DELIVERIES

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 pakageless delivery service direct from our headoffices to the construction site.

KEY WASTE STREAMS

The following are the key waste streams and waste minimisation actions

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

BY 2030

50%

reduction in greenhouse gas emissions

BY 2050

Net zero

carbon emissions target

ACTIONS

9

waste minimisation actions

05

DOCUMENT CONTROL

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

ACCREDITATIONS

Certified standards and licences held

QUALITY CONTROL NUMBER
1903
BS EN ISO 9001:2015
2024 - 2027

QUALITY CONTROL NUMBER
1904
BS EN ISO 14001:2015
2024 - 2027

QUALITY CONTROL NUMBER
2594
BS EN ISO 45001:2018
2025 - 2028

QUALITY CONTROL NUMBER
CBDL97325
Waste Licence
2026

POLICY DOCUMENTS

QC0045	Environmental Policy Statement
QC0076	Pollution Nuisance Avoidance
QC0046	Environmental, Sustainability & Quality Risk Assessment
QC0099	Sustainability Action Plan

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KEY WASTE STREAMS

Key Waste Streams

Each stream maps to a numbered action item. Reported emissions for each are set out on page 3.

ISSUE DATE	KEY WASTE STREAMS	ACTION ITEM
January 2026	General Materials packaging	01
January 2026	SWA cabling	02
January 2026	Artic flex cables	03
January 2026	Plant/Equipment	04
January 2026	UVPC Pipework	05
January 2026	Light fittings	06
January 2026	Cable drums	07
January 2026	Electricity usage	08
January 2026	Water usage	09
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

07

ACTION ITEMS

Action Items

Sixteen actions covering the period January 2025 – January 2026. Bars show each item's share of the largest reported source.

01 General Materials packaging

COSTS
No costs

TIMINGS	OWNER	EMISSIONS REDUCTION/INCREASE
January 2025 – January 2026	Depot co-ordinator Manager	2025-2026 reading

02 SWA cabling

COSTS
1,022.40 tCO2e

TIMINGS	OWNER	EMISSIONS REDUCTION/INCREASE
January 2025 – January 2026	Depot co-ordinator Manager	2025-2026 reading

03 Artic flex cables

COSTS
55.38 tCO2e

TIMINGS	OWNER	EMISSIONS REDUCTION/INCREASE
January 2025 – January 2026	Depot co-ordinator Manager	2025-2026 reading

04 Plant/Equipment

COSTS
142.00 tCO2e

TIMINGS	OWNER	EMISSIONS REDUCTION/INCREASE
January 2025 – January 2026	Depot co-ordinator Manager	2025-2026 reading

05 UVPC Pipework

COSTS
82.36 tCO2e

TIMINGS	OWNER	EMISSIONS REDUCTION/INCREASE
January 2025 – January 2026	Depot co-ordinator Manager	2025-2026 reading

06 Light fittings

COSTS
177.50 tCO2e

TIMINGS	OWNER	EMISSIONS REDUCTION/INCREASE
January 2025 – January 2026	Depot co-ordinator Manager	2025-2026 reading

07 · CONTINUED

Action Items

07 Cable drums

COSTS
No Costs

TIMINGS	OWNER	EMISSIONS REDUCTION/INCREASE
January 2025 – January 2026	Depot co-ordinator Manager	All wooden cable drums to be returned to cable suppliers for re-use. 2025-2026

08 Electricity usage

COSTS
15.54 tCO2e

TIMINGS	OWNER	EMISSIONS REDUCTION/INCREASE
January 2025 – January 2026	Environmental Manager	87812.80 KWH, 2025-2026 reading

09 Water usage

COSTS
0.09790 tCO2e

TIMINGS	OWNER	EMISSIONS REDUCTION/INCREASE
January 2025 – January 2026	Environmental Manager	511,740 Litres, 2025-2026 reading

10 Vehicle usage

COSTS
127.92 tCO2e

TIMINGS	OWNER	EMISSIONS REDUCTION/INCREASE
January 2025 – January 2026	Environmental Manager	15318.40 Lt petrol 35.39 tCO2e 36430.69 diesel 2025-2026 reading 92.53 tCO2e

11 Purchased services

COSTS
686.1260 tCO2e

TIMINGS	OWNER	EMISSIONS REDUCTION/INCREASE
January 2025 – January 2026	Environmental Manager	2025-2026 reading

12 Purchase goods standard office

COSTS
131.5994 tCO2e

TIMINGS	OWNER	EMISSIONS REDUCTION/INCREASE
January 2025 – January 2026	Environmental Manager	2025-2026 reading

07 · CONTINUED

Action Items

13 Purchase goods additional construction

COSTS
4,033.0960 tCO2e

TIMINGS	OWNER	EMISSIONS REDUCTION/INCREASE
January 2025 – January 2026	Environmental Manager	2025-2026 reading

14 Carbon footprint data base

COSTS
739 tCO2e

TIMINGS	OWNER	EMISSIONS REDUCTION/INCREASE
January 2025 – January 2026	Environmental Manager	£7,385,703 2025-2026 (Turnover for the period) decreased of 139 Tonnes (decreased turnover)

OTHER AREAS

Other Areas & Actions

15 Staff Engagement & Training

COSTS
£ 15,000

TIMINGS	OWNER	AREA COVERED
January 2025 – January 2026	HR Manager	Sustainability inductions for existing and new hires

16 Hold Sustainability Week

COSTS
£ 2,500

TIMINGS	OWNER	AREA COVERED
January 2025 – January 2026	Marketing & HR	Embed sustainability into the company culture

JANUARY 2025 — JANUARY 2026

7213.02
Total tonnes CO2e reported

16 ACTION ITEMS

50% reduction by 2030
Net zero by 2050