



Our commitment to sustainability

Advanced is a UK-based manufacturer of world-leading fire safety systems that protect lives and property across the globe. We are part of Halma plc, a FTSE 100 company with a shared purpose to ‘grow a safer, cleaner, healthier future for everyone, every day’.

We are aligned with Halma’s environmental policy and objectives and committed to our purpose of ‘creating a safer future’ – a safer future for people and property protected from fire, and a safer future for our planet too.

We continue to find ways of reducing our environmental impact – both as a business and as individuals. We choose environmentally-friendly methods of manufacture wherever possible and actively seek out more sustainable ways of operating.

Our sustainability policy and progress

We are currently working towards improved sustainability both in collaboration with other companies within the Halma group and also independently with our suppliers. Our policy focuses on these key areas and objectives:

Climate Change

NET ZERO by 2040	100% RENEWABLE ELECTRICITY* by 2030	>90% REDUCTION IN EMISSIONS FY20-25	4% ANNUAL ENERGY IMPROVEMENT TARGET
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¹Scope 1 and 2

*On our UK sites

¹Scope 1 and 2

Circular Economy

100% COMMITMENT TO PUBLISH GOALS	ONGOING IMPROVEMENT IN USE OF RECYCLABLE MATERIALS	INITIATIVES TO INCREASE THE RE-USE OF INCOMING PACKAGING	REDUCE POWER CONSUMPTION OF MXPRO 5 / AXIS EN
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¹Scope 1 Covers direct emissions from owned and controlled sources (e.g. burning fuel in fleet vehicles if not electrically powered).

Scope 2 Covers indirect emissions from the generation of purchased electricity, steam, heating and cooling consumed by the reporting company.

Short-Term Goals and Targets 2024 to 2026

Over the next two years we’ll be focusing on these key areas:

Climate Change

Vehicles Scope 1	Install an additional 4 EV chargers	Replace our pool cars with electric vehicles	
Heating/Lighting Scope 1	Review current heating system and identify alternative options	Optimise and further automate our heating/lighting scheduling to reduce energy consumption	Monitor and measure our heating scope 1 and 2 emissions
Energy efficiency	Complete energy audit	Update and confirm energy productivity improvements	
Understand our Scope 3 baseline	25% annual reduction in non-renewable energy business mileage	Identify opportunities to reduce emissions associated with incoming/outgoing transport routes	Include sustainability criteria in supplier audits
Responsibility	Evaluate and understand home working and off-site environmental impact	Embed CSR policy with staff taking part in regular CSR activities off site	

Circular Economy

Operational waste	Increase re-use of incoming packaging	Review and continue to reduce manufacturing waste	Encourage on site employee waste separation
Packaging	Eliminate polystyrene from all primary packaging	Ongoing improvements in use of recyclable packaging materials	Consolidate packaging variants
Product design	Incorporate sustainable design principles into the design process	Use third party platform to identify Scope 3 supply chain improvement	Use recyclable material in our metalwork enclosures
Other considerations	Review products and operations for hazardous materials and investigate safer options for environmental and human health	Review manufacturing processes to reduce waste, improve energy efficiency and increase product life	
Responsibility	Investigate options to support/donate products (used or obsolete)	Investigate opportunities to engage in clean up/ local environment improvements	

Completed Projects

Climate Change

Lighting/Heating

- ✓ Installation of low-energy lighting at head office
- ✓ Implementation of auto cut-off lighting to reduce wasted energy
- ✓ Implementation of better heating/cooling system control across sites

Transport

- ✓ Introduction of cycle to work and electric car schemes
- ✓ Installation of 6 electric vehicle chargers across both UK sites to support electric car scheme and our future initiative of electric pool cars

Energy productivity

- ✓ Improvement of 8.7% recorded for FY23

Scope 3

- ✓ 3 key suppliers on-boarded onto third party platform

Accreditation

- ✓ EN ISO14001 and EN ISO9001 accreditation from BSI

Circular Economy

Packaging

- ✓ Standardisation of box sizes
- ✓ Peripheral manuals now accessible via QR code, saving 340,000 printed sheets of paper per year
- ✓ Plastic removed from all primary packaging

Deliveries

- ✓ Consolidation of monthly air freight deliveries to quarterly sea freight from our PCB supplier, resulting in 94.5% reduction in emissions

Responsibility

- ✓ Shop floor hours condensed into four days with reduction of commuting

If you’d like to find out more about our sustainability policy and initiatives, please refer to our **frequently asked questions** or email enquiries@advancedco.com