



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 2030	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	5% IMPROVEMENT ON RECYCLING MATERIALS	5% INCREASE IN RE-USE OF INCOMING PACKAGING*	ELIMINATE POLYSTYRENE PACKAGING by 2024
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*Per year

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 2023 to 2024

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	Replace our forklifts and other powered vehicles with electric models
Heating/Lighting Scope 1	Review current heating system and identify alternative options	Optimise and further automate our heating/lighting scheduling to reduce energy consumption	Explore opportunity for solar panel installation
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	Conduct supplier sustainability audits and identify opportunities for sustainability improvements
Responsibility	Evaluate and understand home working and off-site environmental impact	Supplier and sustainability audits and evaluations	

Circular Economy

Operational waste	Increase re-use of incoming packaging by 5% per annum	Review manufacturing waste and reduce by 5% per annum	
Packaging	Eliminate polystyrene packaging by end of FY24	Eliminate non-recyclable packaging by end of FY24	Review lifecycle impact of packaging on main product lines by FY24
Product design	Understand key life cycle impacts for top product(s) by end of FY25 and how these products could be made more ‘circular’	Incorporate sustainable design principles into approvals by end of FY23	Use EcoVadis (or equivalent platform) to identify Scope 3 supply chain improvement FY23-24
Other considerations	Review products and operations and investigate safer options for environmental and human health	Review manufacturing processes to reduce waste, improve energy efficiency and increase product life	Review re-use/recycle/partner policies to understand if product life-cycle can be increased
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 EcoVadis

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

Deliveries

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

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