Environmental Management Policy
February 2025

Prefect

Cleverly simple
control of energy.

1. Introduction & Purpose

At Prefect Controls Ltd, we recognise our responsibility to minimise environmental impact throughout the lifecycle of our electronic building control devices. From prototyping and design in our on-site facilities to off-site manufacturing by supply chain partners and installation through our project management function.

While we are not seeking formal ISO 14001 certification, this policy is structured in alignment with ISO 14001 principles, ensuring a systematic approach to sustainability, pollution prevention, and compliance with all applicable UK environmental regulations.

2. Scope

This Environmental Management Policy applies to:

- **All product prototyping and design activities** conducted in our UK-based research and development facilities.
- **Our project management and partner installation services**, ensuring sustainable practices during deployment.
- **Our supply chain partners** responsible for the majority of manufacturing activities.
- **Employees, contractors, and stakeholders** involved in business operations in our central office and warehousing functions.

3. Environmental Commitment Statement

Prefect Controls Ltd. is committed to:

- Designing and prototyping **energy-efficient, low-impact electronic control devices** for the built environment.
- Working with **supply chain partners** to implement responsible and sustainable manufacturing practices.
- Implementing **sustainable installation and project management practices** that reduce environmental harm.
- **Minimising waste and pollution** across our research, supply chain, production, and installation processes.
- **Complying with all relevant UK environmental laws, regulations, and industry standards**.
- **Continuously improving** our environmental performance through innovation and efficiency.

4. Compliance with Legal & Other Requirements

We are committed to complying with all applicable UK environmental laws and regulations, including:

- ***Environmental Protection Act 1990*** –
  Covers waste management, pollution control, and environmental liabilities.
- ***The Waste Electrical and Electronic Equipment (WEEE) Regulations 2013*** –
  Governs responsible e-waste disposal.
- ***Restriction of Hazardous Substances (RoHS) Regulations 2012*** –
  Controls hazardous substances in electronic equipment.
- ***UK Climate Change Act 2008*** –
  Supports carbon reduction and energy efficiency measures.
- ***The Environment Act 2021*** –
  Introduces legally binding environmental targets for air quality, biodiversity, water, and waste.

Regular assessments will be conducted to ensure compliance with these regulations and to adapt to any legislative changes.

5. Key Environmental Aspects & Impacts

We have identified the following key environmental aspects and their potential impacts:

Environmental Aspect	Potential Impact	Mitigation Measures in Place
Energy use in prototyping, research labs office function and warehousing.	High electricity consumption contributes to carbon footprint.	Implement energy-efficient equipment and practices in our facilities, optimise lab schedules, install PV on our facilities and procure 100% renewable energy for the remainder.
Material sourcing for manufacturing.	Environmental degradation from raw material extraction.	Work with suppliers committed to sustainable sourcing and use recycled material where possible and review their performance annually.
Electronic waste (E-waste).	Improper disposal can lead to hazardous pollution.	Implement an end-of-life recycling program in compliance with WEEE. Encourage product refurbishment and reuse - We offer a repair service for our obsolete equipment and a reuse scheme for our clients, to repurpose equipment taken from one building into another.
Packaging waste.	Excess plastic and non-recyclable materials add to landfill.	We have transitioned to 100% recyclable/biodegradable packaging and are working with suppliers to reduce packaging volume further. For some of our products we have also developed and designed bespoke reusable packaging.

Environmental Aspect	Potential Impact	Mitigation Measures in Place
On-site installations.	Vehicle emissions and material wastage during deployment as well as obsolete equipment being removed from properties.	Optimise route planning for engineers, we are transitioning our fleet to 100% EV/PHEV low emission vehicles and minimise material waste through precise planning.
Use of hazardous substances in prototyping.	Potential risk of environmental contamination.	Implement strict chemical handling protocols. Substitute hazardous materials with safer alternatives where possible. All hazardous chemicals are stored in secure outdoor cabin isolated from our other premises, to further mitigate risk. Keys and management fall under our technical director only for signing in and out chemicals when required.
Manufacturing by supply chain partners.	Environmental impact of third-party production processes.	Partner with environmentally responsible manufacturers. Conduct audits to ensure compliance with sustainability standards.

To mitigate these impacts, we prioritize energy efficiency, sustainable sourcing, responsible waste disposal, and pollution prevention.

6. Objectives & Targets

We have set the following environmental objectives and targets:

- Annual review of prototyping and lab energy consumption, aiming for year-on-year incremental improvements through process optimisation, reduction in material use and renewable energy integration.
- Collaborate with supply chain partners to improve environmental performance, reduce energy consumption and embodied carbon in the manufacture of our products and ensure compliance with sustainable manufacturing standards.
- Implement a system to record volume of waste generated from our projects. This should be in terms of waste electronic devices captured by the UK WEEE regulations, recyclable waste removed from properties (such as heaters), and other general waste that gets sent to landfill.
- Work with supply chain partners to identify further opportunities to reduce packaging waste.
- Ensure all Prefect Controls vehicles used during installations are low-emission or EVs and implement efficient logistics to minimise fuel consumption.
- Increase employee environmental awareness, ensuring all management-level staff complete sustainability training annually.
- Implement reusable packaging innovation for equipment moving between supply chain partners.
- 100% renewable energy in operations and warehousing.
- On-site renewables at all our facilities.

7. Responsibilities & Accountability

- **Senior Management** is responsible for integrating environmental considerations into strategic decision-making.
- **The Research & Development Team** ensures environmentally responsible prototyping, minimising waste and energy use in labs.
- **Supply Chain Managers** work with manufacturing partners to uphold environmental standards.
- **Project Managers & Installation Teams** incorporate sustainable practices in project execution, reducing emissions and material waste.
- **The Head of Energy & Sustainability** oversees policy implementation, assessments, and compliance with UK regulations.
- **All Employees & Contractors** are expected to follow environmental procedures and contribute to sustainability initiatives.

8. Communication & Awareness

To embed environmental responsibility in our culture, we will:

- Conduct **regular training** for employees on best environmental practices and supply this policy along with the company to all existing employees and new employees at their induction.
- **Engage suppliers and manufacturing partners** to encourage responsible sourcing and production.
- Communicate our **commitment to sustainability** to customers and stakeholders.
- Display this policy **at all operational sites** and on our website.

9. Operational Controls & Procedures

To reduce our environmental footprint, we implement the following:

Sustainable Prototyping & Manufacturing

- Use energy-efficient equipment and optimise power consumption in research labs.
- Reduce hazardous materials in compliance with **RoHS** ***(Restriction of Hazardous Substances Directive)***.
- **Work with supply chain partners** to ensure sustainable manufacturing and packaging practices.

Waste & Resource Management

- Recycle and recover electronic waste in line with **UK WEEE Regulations 2013**.
- Optimise material usage in prototyping, production, and installation to minimise waste.
- Installation & Project Management Sustainability
- Utilise eco-friendly transportation and optimise delivery routes.
- Implement best practices to minimise material wastage during installations.
- Reduce energy use during on-site testing and commissioning.

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10. Monitoring, Measurement & Continual Improvement

We recognise that much of our progress in this area comes from realising opportunities to improve our environmental performance when they arise. To have a more structured approach that demonstrates accountability, transparency, and a commitment to progress, we will develop a set of **Key Performance Indicators (KPIs)**. This will help ensure that environmental performance is tracked, evaluated, and improved over time that will be collated in an annual report.

Throughout 2025 we will complete the following activities to implement our KPIs from 2026 onwards:

- Develop structure for reporting on Prefect Controls' Scope 1, 2, and 3 emissions, understanding the barriers to reporting these accurately (particularly for Scope 3) and implement reduction targets for 2026 onwards.
- Report on energy and water consumption from Prefect Controls' premises.
- Implement robust process for recording the volume of all waste generated by our retrofit projects and how much is recycled or reused.
- Record the amount of packaging waste generated per installation for our retrofit projects.
- Work with our supply chain to understand actions required to increase percentage of recycled and recyclable packaging used in our products.
- Develop process for reporting carbon emissions per pound of turnover from the organisation's fleet.
- Record the percentage of employees receiving annual sustainability/environmental training.
- Track and record volume hazardous materials used in our prototyping process.

Regular **internal assessments and annual reviews** will ensure that we identify areas for improvement and adapt our environmental strategies accordingly.

11. Review & Policy Updates

This policy will be reviewed **annually**, considering:

- Changes in **UK environmental legislation**.
- New **technological advancements** in sustainable manufacturing.
- Feedback from **employees, stakeholders, and internal reviews**.

12. Endorsement & Approval

This policy is written by:

Gareth Chaplin
Head of Energy & Sustainability

This policy is endorsed by:

Will Mills
Managing Director

Date: **25 July 2025**