



Environmental Policy

InTandem Systems Ltd (ITS) is committed to providing products and services of superior quality and value that minimise environmental impact throughout their life cycle whilst satisfying customer's requirements.

The company aims to ensure that it minimises the harmful effects and maximises the beneficial effects, which its activities have on the environment and which the behaviour of its employees has while on company business.

Environmental Charter

ITS is committed to an Environmental Policy which ensures a continuous improvement in environmental performance and ITS will utilise best practices to minimise the overall environmental effects of its operations. This philosophy will be re-enforced through staff training and education.

In addition, ITS was one of the early signatories to 'Construction Declares' (see *appendix 1*) which pledges that everyone working in the construction industry, to meet the needs of our society without breaching the earth's ecological boundaries. Together with our clients, ITS will need to commission, design and maintain buildings, cities and infrastructures as indivisible components of a larger, constantly regenerating and self-sustaining system in balance with the natural world. ITS's Environmental Practices & Procedures will reflect this.

Environmental Objectives and Strategies

ITS will pay particular attention to:

1. Reducing waste through:

- Minimising wasted raw material – buy unit consumables in bulk size containers and decant into multiple use containers (ie cleaning fluid, hand sanitiser)
- Minimising unnecessary use of power and labour
- Maximising the recycling of waste material and use of recycled materials
- Improving energy efficiency in our business premises via consideration of lighting type & layout/ BEMS/ internal layout
- Reduce single use plastic
- Buy liquids in 5 litre containers and top up



2. Making efficient use of transport and distribution through:

- Ensuring regular servicing of business vehicles
- Optimising use of alternative communication methods (eg Teams/Zoom meeting) to reduce the need to travel long distances for pre-contract meetings etc
- Encouraging use of transport of sustainable means and transport with reduced emissions and economic fuel consumption
- Provide free Bike Doctor session for all bikes belonging to staff and their families
- Provide company push bikes so that at lunchtime staff can borrow them to exercise
- Participation in the Cycle to Work Scheme

3. Making use of efficient business processes through:

- Sourcing of energy-efficient products and equipment
- Greater use of electronic processes e.g. webinars/ telephone conferencing/Teams meetings etc.
- Provision of BMS Remote Monitoring for maintenance/servicing contracts + during the post-occupancy period (after building practical completion) for projects so that any reported issues can initially be diagnosed remotely (where possible) so that engineers only have to physically attend sites for mechanical issues and physical fault finding.

4. Encouraging customers to maximise energy efficiency and minimise energy costs through:

- a) Providing advice on the most cost-effective and sustainable BEMS (Building Energy Management System) solutions within the parameters of each specific operational environment and provided it is spec compliant
- b) Introducing a range of Post-Occupancy Review services to manage the performance curve
- c) Assist and advise customers to help them deliver their sustainability targets through engineering activities as follows:
 - Consideration of refurbishment versus replacement in relation to BEMS controls systems taking into account whole life cost and performance. E.g. on recent refurbishment projects we have decommissioned control panels/field equipment and re-used as many components as possible
 - Promotion of the installation and integration of more sustainable engineering solutions into the BeMS like biomass boilers, natural ventilation systems, variable speed drives and rainwater harvesting to minimize energy consumption (especially carbon-based energy) and natural resources.
 - Through post-occupancy care and advise to ensure the energy performance curve is maintained at an efficient level.

5. Sourcing Materials/Products

ITS aims to:

- a) Utilise raw materials and processes which make minimum demands on the environment, and which produce minimum waste;
- b) Source products for recommendation to customers which help to minimise energy consumption for relevant aspects of building services operations (namely heating, ventilation and air-conditioning);
- c) Take positive steps to conserve resources with particular attention to scarce or non-renewable resources;
- d) Include environmental impact as a factor when evaluating suppliers and supplies. For example:

The modular design of a Trend BEMS (InTandem are a Trend TTC) enables it to be readily adapted if there are changes in building usage, user requirements or other unforeseen developments like new legislation - one reason why a Trend BEMS is a genuinely future-proof investment. Another reason is Trend's long-standing policy of backward compatibility. This allows new control equipment to be integrated into existing systems, avoiding the need for complex 'gateways' or, even worse, replacement of the entire BEMS (containing embedded carbon). That way, end-users can be confident that system expansion won't end up being difficult and costly. The future-proof nature of Trend building controls can be found in multiple sites and estates around the world – many education and healthcare facilities incorporate every generation of Trend IQ controller, all working together. Many systems are expanded over time as budgets permit, allowing customers to maintain on-going and highly successful energy saving programs as well as providing an invaluable maintenance aid. The progressive and easy expansion of the BEMS has been facilitated by its flexible architecture and by Trend's long-standing policy of backward compatibility. So new generations of controls – such as the IQ4 series – can be fully integrated into the existing system, avoiding the need for complex gateways or the total replacement of older controls.



6. Production

ITS aims to:

- a) Make products, where possible, from environmentally friendly materials which last, may be recycled and/or reconditioned, are energy efficient and produce minimal harmful waste when disposed of;
- b) Research environmentally friendly improvements to industry production and assembly technology.

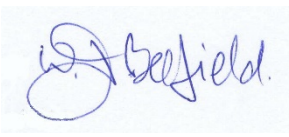
7. Monitoring, Review and Continuous Improvement

The Company is committed to the ongoing monitoring, review and continuous improvement of its environmental management performance. Environmental procedures, objectives and controls are monitored on a continual basis by management to ensure they remain effective and compliant with relevant legislation and business requirements.

Environmental performance is formally reviewed at least annually, and following any significant changes to our operations, environmental incidents, client requirements or legislative updates. Where opportunities for improvement are identified, corrective actions and updated environmental objectives will be implemented and communicated to relevant personnel.

To support the measurement and reduction of our environmental impact, the Company has enrolled with the **Supply Chain Sustainability School Carbon Calculator** and will use this system to monitor carbon emissions, establish environmental performance benchmarks, identify reduction opportunities and track progress against environmental improvement targets over time.

Records of environmental reviews, performance monitoring and improvement actions are maintained as evidence of our commitment to continual environmental improvement.

Signed: 

Name: Wendy Belfield
Position: Commercial Director

Date: 26/01/2026



UK Building Services Engineers Declare Climate & Biodiversity Emergency

The crises of climate breakdown and biodiversity loss are two of the most serious issues of our time. Buildings and construction play a major part, accounting for nearly 40% of energy-related carbon dioxide (CO₂) emissions whilst also having a significant impact on our natural habitats.

For everyone working in the construction industry, meeting the needs of our society without breaching the earth's ecological boundaries will demand a paradigm shift in our behaviour. Together with our clients, we will need to commission, design and maintain buildings, cities and infrastructures as indivisible components of a larger, constantly regenerating and self-sustaining system in balance with the natural world.

The research, expertise and design solutions exist for us to begin that transformation now, but what has been lacking is collective will. Recognising this, we are committing to strengthen our working practices to create building services engineering outcomes that have more positive impact on the world around us.

We will seek to:

- Raise awareness of the climate and biodiversity emergencies and the urgent need for action amongst our clients, collaborators and supply chains.
- Advocate for faster change in our industry towards regenerative design practices and a higher Governmental funding priority to support this.
- Establish climate and biodiversity mitigation principles as a key measure of our industry's success: demonstrated through awards, prizes and listings.
- Share knowledge and research to that end on an open source basis.
- Evaluate all new projects against the aspiration to contribute positively to mitigating climate breakdown and encourage our clients to adopt this approach.
- Upgrade existing buildings for extended use as a more carbon efficient alternative to demolition and new build whenever there is a viable choice.
- Include life cycle costing, whole life carbon modelling and post occupancy evaluation as part of the basic scope of work, to reduce both embodied and operational resource use.
- Adopt more regenerative design principles in practice, with the aim of providing building services engineering design that achieves the standard of net zero carbon.
- Collaborate with clients, architects, engineers and contractors to further reduce construction waste.
- Accelerate the shift to low energy and nearly net zero energy in all our work.





- Minimise wasteful use of resources in our building services engineering design, both in quantum and in detail.

We hope that every building services engineering practice operating in the UK will join us in making this commitment.

To sign, practices must provide the email address for their CEO, Chairperson or appropriate Board Member. Approval will be sought via this email before the company name is added to the declaration.

Note – this is a member-led declaration independent from CIBSE. For information related to CIBSE activities and opportunities for member engagement on climate change, see the CIBSE web site www.cibse.org.

In addition, there are two related UK engineering declarations online. Please visit www.structuralengineersdeclare.com and www.civilengineersdeclare.com.

You can also visit www.constructiondeclares.com to learn how to set up a declaration in another country or sector

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