

# ENVIRONMENTAL MANAGEMENT PLAN 2024/2025



## **1. Executive Summary: Trueform - Committed to the Environment**

At Trueform Engineering Ltd, our commitment is resolute—we aim to achieve Net Zero emissions by 2035. We set the bar high for environmental excellence, actively seeking like-minded suppliers and encouraging our clients to embrace similar goals.

As the UK's leading provider of premium quality, intelligent, on-street infrastructure for public transportation, we collaborate closely with environmental groups and experts to minimize greenhouse gas emissions. Our products are designed to encourage sustainable and eco-friendly transport, playing a pivotal role in transforming mobility, health, and air quality across our cities.

Trueform operates an ISO 14001:2004 'Environmental Management System'. This covers waste management, recycling, procurement, and sustainable design in accordance with our environmental policy. As a company we strive for the highest of environmental goals.

Trueform Engineering has achieved the Planet Mark certification. In this Decade of Action, Trueform engineering want to ensure that we are a force for good: positively transforming society and the planet by reducing any negative impact on the environment.

## **2. Company Profile:**

Trueform, a pioneering technology and manufacturing company, provide leading products, manufacturing, and specialist engineering solutions for all modes of passenger transport. We develop and harness leading technology and advanced manufacturing techniques to create innovative, market leading products for public spaces.

Operating internationally, Trueform hold contracts with major cities for the design, manufacture, installation and maintenance of premium quality, intelligent, on-street infrastructure for public transportation.

Our product and hardware solutions are supported by comprehensive field support services, including installation, logistics, commissioning, project management, maintenance, and remote monitoring.

Trueform has provided many of the world's largest and most progressive cities and has extensive knowledge and international experience within the bus, rail, pedestrian wayfinding, and air passenger transport sectors.

Mobility is the central basis of economic growth and prosperity in the globalised world. An effective, safe, reliable, and progressive public transportation system provides accessibility and mobility to all, whilst reducing congestion, greenhouse gas emissions and our carbon footprint. Trueform provide intelligent public transport solutions to meet this requirement.

## ***Overview of Trueform manufacturing process.***

Trueform's manufacturing is a dynamic process encompassing design, fabrication, and installation to create structures that offer protection and accessibility for public transportation users. In the design phase, Trueform prioritise functionality, aesthetics, and end of life considerations. Sustainability is always integrated into the design, with the use of durable, weather-resistant, and eco-friendly materials.

The fabrication process involves precision engineering, welding, and assembly of components, utilising advanced technologies like CNC Moulding, press brake folding, precision welding, 3D printing and press moulding. Finishing touches, including powder coating and protective coatings, enhance both visual appeal and durability. The completed products are then transported to designated locations for installation, requiring coordination with local authorities and transportation agencies.

Our modern designs frequently incorporate technological features such as digital displays, solar panels, and smart lighting systems, enhancing functionality and user experience. Environmental considerations are paramount, with Trueform adopting sustainable practices, including the use of eco-friendly materials and energy-efficient designs and manufacture.

The customisation and branding of bus shelters contribute to their role as urban design elements. Trueform offer possibilities for incorporating branding, public art, or community-specific aesthetics to enhance visual appeal and cultural significance.

Trueform's manufacturing blends design, engineering, and technology to create structures that not only provide essential services for public transportation users but also contribute to the urban landscape. With an increasing focus on sustainability, these products aim to minimise environmental impact, offering a balance between functionality, aesthetics, and eco-consciousness.



## ***Current environmental practices.***

At Trueform, we are committed to the preservation of the environment and reducing our carbon footprint by monitoring and minimising the impact of our activities. By developing our understanding of our impacts and by the setting of objectives, we will strive to continuously improve our environmental performance with the aim of minimising consumption and waste. Trueform operate in compliance with all relevant existing and future environmental laws, regulations, and associated codes of practice which are identified in our H&S and Environmental Legislation & Compliance Register.

We are committed to maintain effective communication systems on environmental matters, and we will respond positively to enquiries and suggestions from both inside and outside the company.

We recognise our responsibility to employees and the local community to maintain a safe environment and to operate in a sustainable manner, and as such we will respect our legal and ethical responsibilities using appropriate training and learning.

- Preventing pollution by every means possible.
- Protect the environment as much as we can possibly can for all aspects of our work activities.
- Monitor and reduce environmentally significant aspects and impacts.
- Setting & monitoring environmental objectives through the company's annual improvements plan.
- Limit the environmental impact of our activities by waste and material handling, and reduction methods.
- Record, monitor and publish statistics related to environmental improvement targets.
- Continual improvement our environmental performance through the company's annual improvements plan (Environmental Objectives).

## **3. Environmental Policy:**

Trueform Engineering Ltd is the manufacturing, distribution, and installation arm of the Trueform Group, which provides industry leading solutions for the Design, Manufacture, Installation & Maintenance of Steelworks, Fabrication and Architectural Metalwork's to the Architectural, Construction and Transportation industries. Trueform strives to achieve the highest standards of environmental care throughout all its activities.

Trueform is committed to:

- Complying with all applicable legal and other requirements, which relate to our environmental aspects, and following best practice and other environmental commitments such as voluntary agreements with customers.
- In accordance with corporate policy, implementing, and maintaining an environmental management system consistent with the requirements of ISO 14001:2015 standard and subsequent revisions, to achieve continuous improvement.
- Managing its significant environmental aspects, (i.e. noise, energy consumption, resource use, water quality and waste management) to promote conservation of resources and prevention of pollution.

- Setting of objectives and targets to mitigate the potential impacts of these significant aspects.
- Providing the resources to achieve these objectives.
- Wherever practical, employing the principles of reduction, recovery, re-use and recycling.
- Ensuring that environmental management becomes part of business practice and is considered in the financial planning of the organisation.
- Monitoring and auditing the environmental management system of its operations to evaluate the organisation’s environmental performance against its annual objectives and targets and reporting the outcomes to the Trueform Board of Directors.
- Conducting business with environmentally responsible contractors and suppliers.

4. Environmental Aspects and Impacts:

Our Environmental Aspects and Impacts Register serves as a comprehensive tool for identifying, evaluating, and managing the environmental aspects associated with our manufacturing processes. This document systematically records the various elements of our operations that interact with the environment, assessing the potential impacts. By maintaining this register, we can proactively address environmental concerns, implement targeted mitigation measures, and continually improve our environmental performance. This register is an integral part of our commitment to environmental responsibility, ensuring that we minimise our environmental risks and contribute positively to the communities in which we operate.



Our comprehensive register evaluates our potential impacts on resource consumption, air, water, and soil quality.

5. Key environmental objectives and goals.

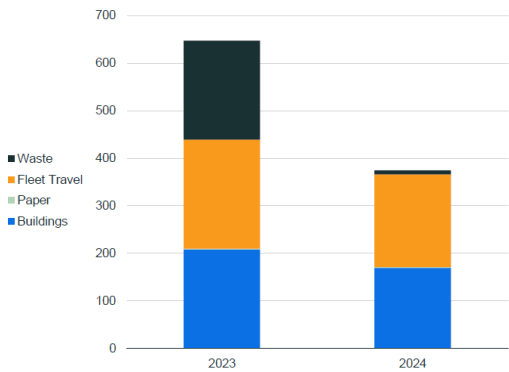
To maintain our momentum towards achieving Net Zero, we have embraced carbon reduction goals. Our primary objective is to attain Net Zero by 2035, with interim targets established to track our progress effectively. To establish a strong foundation for these reduction targets, we are actively collecting data on all appropriate scope1, 2 and 3 emissions.



Measured carbon footprint.  
Yearly COMPARISON

Source Category	2023	2024
Buildings	208.2	169.3
Paper	1.6	2.1
Fleet Travel	229.2	194.6
Waste	208.3	8.2
Total	647.2	374.2

Carbon footprint by emission source for year ending 2023 and 2024, tCO<sub>2</sub>e

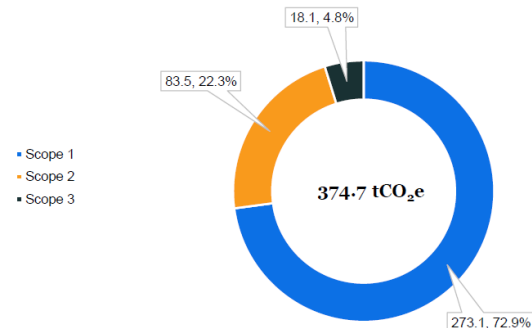




## Measured carbon footprint. BY SCOPE

Scope	tCO <sub>2</sub> e	%
Scope 1	273.1	72.9
Scope 2	83.5	22.3
Scope 3	18.1	4.8
<b>Total</b>	<b>374.7</b>	<b>100.0</b>

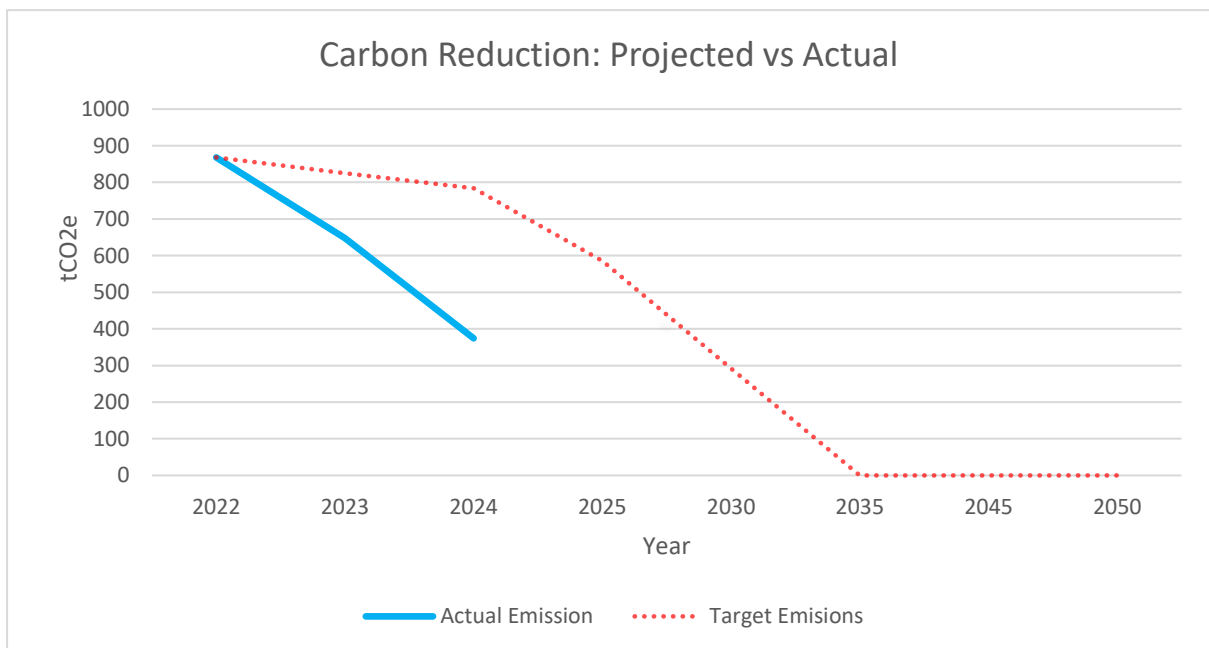
Measured carbon emissions by scope for year ending 2024, tCO<sub>2</sub>e



We project that carbon emissions will decrease over the next five years to 292.3 tCO<sub>2</sub>e by 2029. This is a reduction of 25.0%.



As a certified Planet Mark business, we are aligning with Planet Mark's Net Zero services to the recently announced Science Based Targets initiative's (SBTi) Net-Zero Corporate Standard.



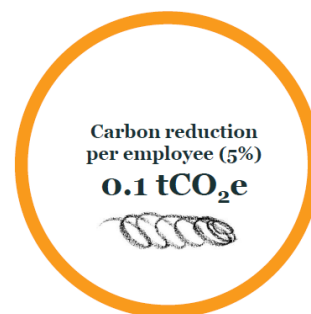
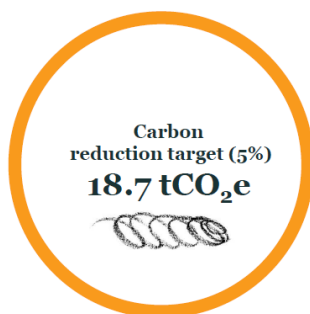
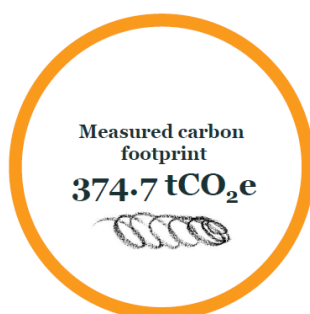
### Trueform: 2024/2025 Environmental projects.

- PAS2060 Carbon Neutrality certification
- ISO50001 Accreditation
- Planet mark re-certification – Achieving a minimum of 5.0% carbon reduction.
- Offer our customers product options that are environmentally friendly. This will include providing low carbon material choices that have manufactured using low carbon production

techniques. Materials that can also be recycled, reused, or repurposed within the supply chain.

- Managing waste streams to achieve Zero % Landfill.
- Working closely with our procurement team to enable our supply chain to better understand its impact on our carbon footprint and capture carbon savings, as well as working to influence and support suppliers on their own journey to net zero.
- Increase reporting against our Scope 3 emissions in line with the GHG Protocol and reporting annually on both impacts we have as a business and the services and products we deliver.
- Switching to renewable electricity across all our manufacturing facility operation.
- Decarbonising our fleet, including switching from diesel to electric, hybrid or hydrogen powered solutions where possible.
- Actively research carbon offsetting projects that align with our company values and objectives.

## Looking ahead. Targets for next year.



### 6. Roles and Responsibilities:

The Director (D) or HSQE Managers are responsible for defining and publishing or issuing the company's Quality, H&S & Environmental Policy Statement, and separate H&S policy statement together with its Business Continuity and Carbon Footprint / Neutrality policies, plus other relevant legislative or related policies of the company to all employees, sub-contractors, or other interested parties.



## **7. Resource Management:**

### **Aluminium**

Our products use aluminium from a high majority recycled scrap material. Customers can return their unwanted goods to us for recycling. Producing recycled aluminium uses around 5% of the energy to make new aluminium, reducing CO2 emissions. It is recycled repeatedly without loss of quality.

### **Steel**

We use steel from a high majority recycled scrap material to manufacture new products, using 25% of the energy required for new metal, leading to substantial reductions in the use of raw materials, water, airborne pollution, and waste to landfill.

### **Packaging, Storage, Paper, Wood & Cardboard**

Products are re-usable or recyclable and made from recycled material. We can recycle 200m3 of paper/cardboard annually to reduce landfill. All paper is PEFC sourced to ensure our printed literature is from sustainably sourced materials that can be traced back to its source. We make certain that the wood we source holds certification from the Forest Stewardship Council (FSC) in line with our Timber Sourcing Policy.

### **Renewable Energy**



As part of our action plan for 2023/2024, we committed to transitioning our manufacturing facility to rely solely on 100% renewable energy sources. This has taken place in December 2023. This strategic move is a pivotal step towards achieving our carbon reduction target of a minimum 5% year-on-year reduction.

## **8. Pollution Prevention and Control:**

At Trueform Engineering Ltd, we recognise the potential impact of our industrial activities on the environment, we employ a proactive approach to identify, minimise, and mitigate pollution risks throughout our manufacturing processes.

Trueform maintain comprehensive spill response plans to address potential accidents promptly. Regular training and drills ensure that our team is well-prepared to respond to any unexpected releases and prevent pollutants from reaching the environment.



## 9. Waste Management:



At Trueform Engineering Ltd, we are committed to managing our waste stream with the utmost responsibility and sustainability, striving for a goal of zero percent landfill. This initiative aligns with our broader commitment to reducing our overall environmental impact.

### **Key Strategies:**

**Waste Segregation:** Implementing a robust waste segregation system across all operational areas to ensure that recyclable, reusable, and non-recyclable materials are properly sorted.

**Recycling Partnerships:** For materials that are recyclable, establishing partnerships with reputable recycling facilities to ensure that our waste materials are processed responsibly. This includes metals, plastics, paper, wood, and other recyclable components.

**Reducing Single-Use Materials:** Actively seeking alternatives to single-use materials and encouraging the use of reusable and sustainable alternatives wherever possible.

**Circular Economy Practices:** Embracing principles of the circular economy by designing products with end-of-life considerations.

By managing our waste stream sustainably and responsibly, we aim not only to reduce our environmental footprint but also to inspire positive change within our industry. Our journey towards 0% landfill is a testimony to our dedication to creating a more sustainable and eco-friendly future.

## 10. Communication and Reporting:



**PlanetMark**

As part of our commitment to long-term protection of the natural environment, we point toward Net Zero by 2035 for all Scope 1 and 2 emissions and for those Scope 3 emissions that are under our direct control in line with UK Government strategy.

Progress towards our target will be externally verified through our Planet Mark certification, to ensure credibility and transparency. Trueform is working with Planet Mark to reduce carbon emissions and share our journey with our community to inspire others. By being more strategic about our environmental responsibility, we will be able to increase our positive impact and encourage continual improvements within our community. We gained our retained our Planet Mark certification in 2024 with a 42% carbon reduction.



Our Efforts are Targeted towards 9 of the UN Sustainable development Goals.

Trueform is proud to commit to nine key UN Sustainable Development Goals (SDGs) through our sustainability efforts. **SDG 6** (Clean Water and Sanitation), we treat 100% of the water used in our operations to conserve this valuable resource. Our initiatives for **SDG 7** (Affordable and Clean Energy) and **SDG 9** (Industry, Innovation, and Infrastructure) focus on our reduction in energy consumption and improving energy efficiency.

In alignment with **SDG 8** (Decent Work and Economic Growth), we're reducing absolute carbon emissions while promoting workforce diversity and inclusion. For **SDG 11** (Sustainable Cities and Communities), we design and manufacture carbon-neutral products and innovative public transport infrastructure, while actively reducing travel emissions and recycling waste. Partnerships with

environmental organisations like the Eden Project, Woodlands Trust and the Bumble bee conservation trust to further our dedication to sustainable urban development.

Our commitment to **SDG 12** (Responsible Consumption and Production) includes measuring and reducing carbon emissions, along with our focus on recycling. **SDG 13** (Climate Action), we've achieved a 42% reduction in carbon emissions within one year while supporting projects that mitigate climate change. Finally, for **SDG 14** (Life Below Water) and **SDG 15** (Life on Land), we reduce emissions and ensure the use of FSC/PEFC-certified paper to protect natural ecosystems.



## **11. Continuous Improvement:**

Trueform is committed to operating efficiently and effectively to meet the needs of our clients and stakeholders. Continuous improvement in all our activities is vital for the organisation's continued success. Trueform undertake ongoing Health and Safety, Quality and Environmental evaluation of all its operations to ensure maintenance of standards appropriate to the expectations of the community, stakeholders, government, and funding bodies. The implementation of this continuous improvement also provides a framework for the organisation's integrated management system.

## **12. Stakeholder Engagement:**

### **Employee Engagement:**

Educating and involving our employees in environmental practices is crucial. Training programs are in place to raise awareness about waste reduction, proper segregation, and the importance of our collective effort in achieving our zero percent landfill target and carbon reduction goals. Copies of our Environmental and Sustainability policies are made available to all our employees; We publish our Environmental, Sustainability and Environmental management plan online and encourage suppliers and clients to adopt the principals within their organisations.

### **Community Engagement**

Trueform explore partnerships with local businesses, charities, and organisations that might be interested in contributing to the maintenance or improvement of bus shelters in exchange for advertising or branding opportunities. Trueform are also members of COMO UK which is a national charity dedicated to the social, economic, and environmental benefits of shared transport. We also support the Bumblebee Conservation Trust, working to increase the distribution of bumblebees. We support Crisis UK, working together to end homelessness.