

Annual Sustainability Report 2022-2023.

Ultrasteel Products Limited.

The following figures show the environmental and social performance data for Hadley Group - Ultrasteel Products Ltd for the period **1st April 2022 – 31st March 2023**.

Greenhouse Gas Emissions

Total: **2,640 kg CO₂e/tonne**.

Greenhouse gas emissions for Ultrasteel Products Ltd for this reporting period are:

- Scope 1 (Direct): **1.7 kg CO₂e/tonne**
- Scope 2 (Energy indirect): **3.6 kg CO₂e/tonne**
- Scope 3 (Other indirect): **2,635 kg CO₂e/tonne**

99.8% of our greenhouse gas emissions are those that occur upstream in the supply chain. The vast majority of this is due to the carbon emitted during the blast furnace process route used to produce the steel we use in our products.

Resource Use

Products processed using the UltraSTEEL® process are:



Ultrasteel Products Ltd monitors waste generated as a proportion of total material used within the production of their assessed product. We recognise the life cycle impacts of our products, and our annual carbon footprint studies have consistently shown the most significant impact across the whole life cycle is the volume of steel used in our manufacturing process. As such, 100% of any scrap metal generated through our production process is sent for recycling, and monthly reports are provided by our waste contractor to detail the total collected. In addition, our efficient process reduces the use of raw materials by enhancing the performance of lighter gauges of metal.

The 'Stronger by Design', 'Lighter by Design' and 'Greener by Design' processes are the foundation to our Life Cycle Thinking approach, which drives continual improvement in our products. There is a high demand for scrap metal in the UK and as such products that reach the end of their life are 100% recyclable.

Waste Management

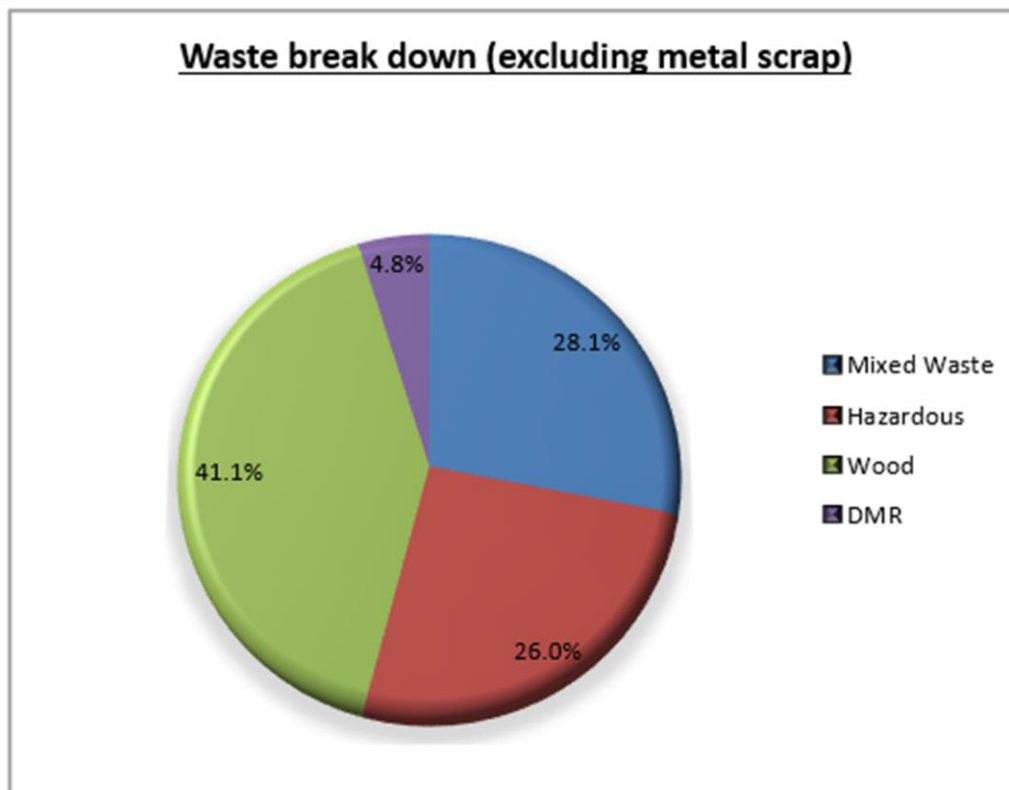
Total Waste Produced: **14.8 kg/tonne of product**

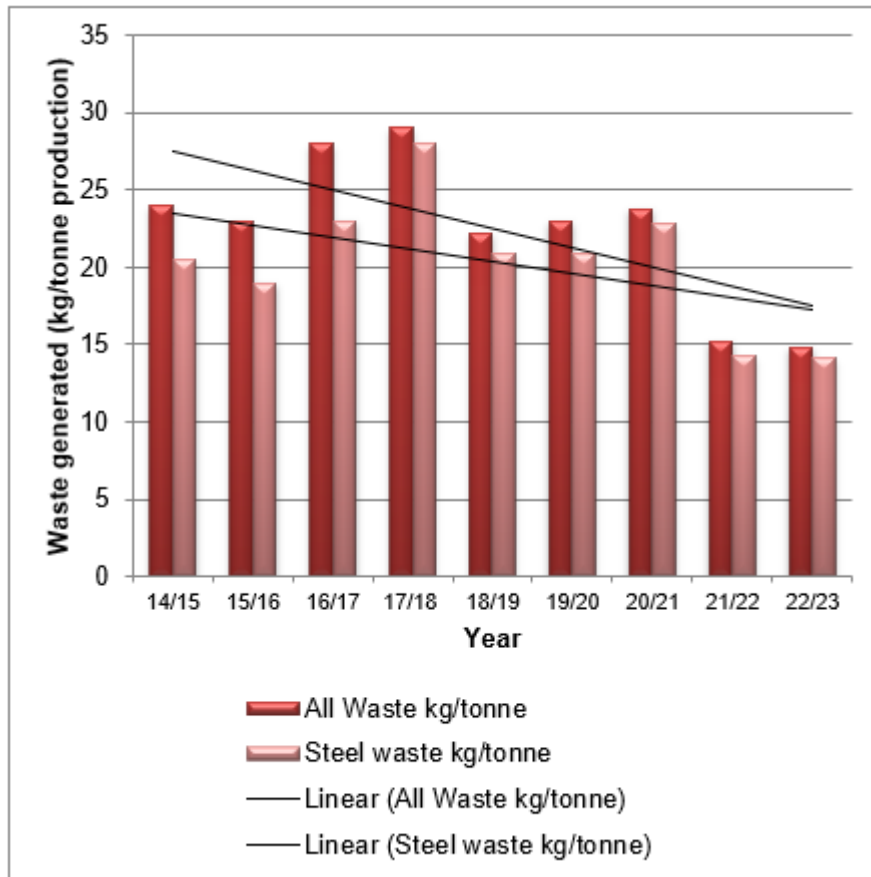
Target 1: **To maintain sending zero waste to landfill**

Target 2: **Reduce scrap yields**

The graph below shows the amount of waste generated by Ultrasteel Products Ltd during the reporting period. The total figure includes scrap steel recycled off site, which for 2022-23 totalled **14.1kg** for every one tonne of steel processed. Ultrasteel Products Ltd continues to meet its targets of sending zero waste to landfill.

Waste Analysis





Steel scrap makes up 95.1% of our waste, with the majority of the remainder consisting of hazardous (mostly oil contaminated gloves and spill products), general waste and Dry Mixed Recycling (DMR). The proportions of these other wastes that we generated during the reporting period are shown in the previous pie chart.

Waste Best Practice

We have a commitment to apply the waste hierarchy and eliminate all waste from landfill. Effective management of waste streams is achieved by segregating waste on site, and ensuring we are compliant with applicable waste legislation. We maintain a register of licences for waste carriers as part of our ISO 14001:2015 certified environmental management system. Performance metrics are also set around minimising waste as far as practicable and all waste produced is diverted from landfill. As part of its wider waste management strategy, Ultrasteel Products Ltd monitors and measures the amount of waste that it produces as an organisation in kilograms generated per tonne production output.

We work with our contractors who are able to verify end-of-life treatment for our waste.

Water Usage

0.010588m³ per tonne of product / 10.59 litres per tonne of product

We have a commitment to use water as efficiently as possible. Ultrasteel Products Ltd commits to monitor water usage and minimise demand on potable supplies of water as far as practicable. Separate water meters have been installed allowing the measurement of both domestic water consumption and water consumed during the production process. Regular inspections of all water using areas are conducted to ensure, where required, corrective action is quickly carried out.

As part of our ongoing commitment to responsible sourcing our water data is externally verified.

Transport Impacts

Outbound delivery load average: **21.25 tonnes per delivery**

Inbound steel delivery load average: **24.67 tonnes per delivery**

All Hadley Group delivery vehicles are tracked and speed restricted in accordance with Euro class V & VI. - Ultrasteel Products Ltd maximises inbound and outbound loads where possible in order to minimise carbon emissions.

Diesel consumption has been identified as the most significant impact of the transport aspect of our business through our ISO 14001 environmental aspects register. These impacts are controlled through the use of newer vehicles and regular driver training and monitoring on efficient driving techniques.

Employment & Skills

Ultrasteel Products Ltd recognises the importance of effective training for all employees. Employees are provided with a company induction that includes environmental, health & safety and responsible sourcing topics. Regular appraisals are provided to identify opportunities for further training.

In the 2022-23 reporting period, Ultrasteel Products Ltd employees received **496.7** hours of training. Incorporated in this total is mandatory training provided through multiple external service providers and also participation in e-Learning training courses which have been introduced through iHASCO service provision. This has resulted in an average of **13.1** hours of training per employee for the period.

Local Communities

Ultrasteel Products Ltd has received zero complaints related to environmental and local community matters over this reporting period.

Hadley Group has actively engaged with several local and national charities. Engagement has taken the form of direct financial donations, secretarial support, leadership support, mentoring time and employee collections and donations that have been doubled in value through supplementary contributions by the business.

Local sourcing and local business are a key part of the Hadley Group. Ultrasteel Products Ltd is supplied with over 98%, by mass, of constituent materials by suppliers located within a 12-mile radius of our site.

Environmental Stewardship:

Our patented UltraSTEEL® process enables us to develop highly efficient product designs that perform better, whilst using less metal. Products that weigh less reduce transportation related emissions.

Our state-of-the-art manufacturing plant ensures high accuracy with low waste.

We also recognise that supply chains are global and whilst our immediate steel suppliers are local, we retain records of mill certificates to maintain traceability back to source.

Hadley Group strives to contribute to manufacturing in a low carbon world. From an environmental perspective, each of our products has been rigorously researched and developed to ensure it delivers optimum performance and considerable savings in raw material usage.

At present, and in particular within UltraSteel, Hadley Group are working in partnership alongside a global steel manufacturer and the company's biggest volume customer, to introduce low carbon steel products into the market place. Successful trials have already taken place and FY23/24 should witness a larger percentage of 'Green' steel consumption through this high volume manufacturing business.