

Annual Sustainability Report 2023 -2024

Building Products Division

The following figures show the environmental and social performance data for Hadley Group - Building Products Division for the period **1st April 2023 – 31st March 2024**

Greenhouse gas Emissions

Total: **2,764 kg CO₂e/tonne**

Greenhouse gas emissions for Building Products Division for this reporting period are:

- Scope 1 (Direct): **30.7 kg CO₂e/tonne**
- Scope 2 (Energy indirect): **11.8 kg CO₂e/tonne**
- Scope 3 (Other indirect): **2,721 kg CO₂e/tonne**

The improvement in **Total CO₂e/tonne emissions** compared with the previous year is mainly due to the conversion to electric forklift trucks throughout the Group. The improvement witnessed with Scope 3 emissions should continue as LPG trucks are gradually removed from our operation.

Approximately 98% of our greenhouse gas emissions are those that occur upstream in the supply chain. The vast majority of this is due to the content of carbon that is embodied within the steel we use in our production process. The availability of 'Greener', low carbon steels that have been processed through Electric Arc Furnaces as opposed to the traditional Blast Furnace route, is where we expect to see significant upstream CO₂ emission improvements during the coming years.

Resource Use

Building Products Division uses a process which is:



Hadley Group (Building Products Division) provides full design support with our multi-skilled technical team, collaborating with architects helping them to optimise the specification of our cold rolled, high strength, lightweight UltraZed™ purlins, UltraBeam side rails and floor beams. Maximising the use of these products results in the reduction of material usage and subsequently lowering the weight of the finished product. This weight reduction further drives a reduced consumption of product transportation fuel use and can allow the final structure to include further material saving features.

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 recycled.

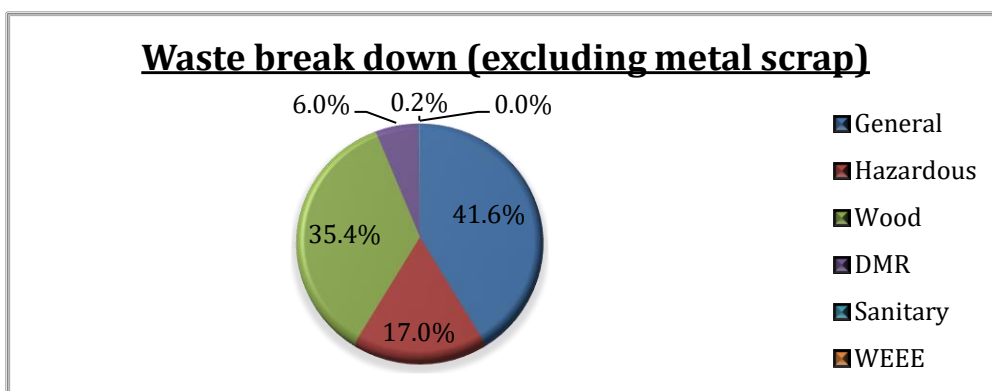
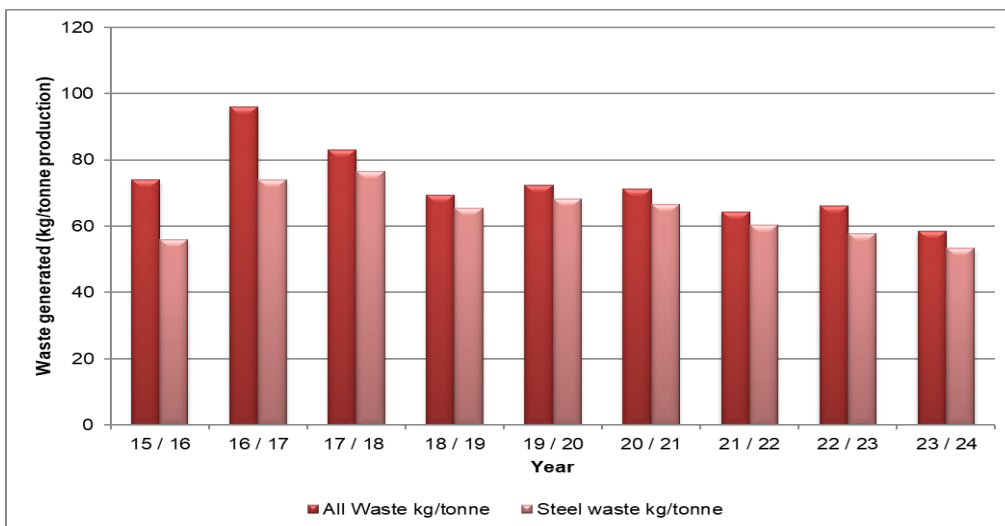
Waste Management

Total waste produced: 53.5 kg/tonne of product.

Target 1: To maintain sending zero waste to landfill.

Target 2: Reduce scrap yields.

This graph below shows the amount of waste generated by the Building Products Division) during this and previous reporting periods. The ‘All Waste’ figure includes scrap steel recycled off site, which for 2023-24 totalled **53.5kg** for every one tonne of steel produced. Hadley Group (Building Products Division) continues to meet its target of sending zero waste to landfill.



Steel scrap makes up the majority of our waste, with much of the remainder consisting of hazardous waste (mostly oil contaminated gloves and spill products), general waste, wood, and cardboard. The proportions of these other wastes that we generated during the reporting period are shown in the pie chart above.

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 certified environmental management system. Performance metrics are also set around minimising waste as far as is practicable and all waste produced is diverted away from landfill. As part of its wider waste management strategy, Building Products Division monitors and measures the amount of waste that it produces as an organisation in kilograms generated per tonne production output.

We collaborate with our waste disposal partners which allows us to verify 'end-of-life' treatment for all our waste.

Water Usage

0.082m³ per tonne of product produced = 82.1 litres per tonne of product produced.

Collection of water usage data has improved in recent years. The monthly readings taken enable closer monitoring of water use across the sites, and to act on any anomalies as and when they occur.

Water Best Practice

We have a commitment to use water as efficiently as possible. Building Products Division commits to monitor water usage and minimise demand on potable supplies of water as far as practicable. Separate water meters are installed allowing the measurement of both domestic water consumption and water consumed during the production process.

Transport Impacts

Inbound steel delivery load average: **18.9 tonnes per delivery**

All Hadley delivery vehicles are tracked and speed restricted in accordance with Euro class 5 and 6. - Building Products Division maximises inbound and outbound loads where possible 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. The use of newer, more fuel-efficient vehicles helped reduce the impact caused by diesel consumption and with a total conversion to running the fleet on HVO (Hydrotreated Vegetable Oil) fuel, these reductions will become more evident over the coming 12 months. Ongoing driver training and real time vehicle monitoring that ensures efficient driving techniques, supplements this greener, more efficient approach to our haulage activities.

Employment & Skills

Building Products Division recognises the importance of effective training for all employees. Employees are provided with an induction process that covers environmental, health and safety, and responsible sourcing information.

The induction training is further supplemented by periodic appraisals that help to identify opportunities for further training.

In the **2023-24** reporting period, Building Products Division employees received **608** hours of training, giving an average of **11.3** hours per employee. The data includes both externally delivered, mandatory training and, in-house training through our e-Learning system. Refresher training on Quality, the Environment and Responsible Sourcing is delivered as required. Our average training hours do fluctuate year on year, this based on the number of employees and also anniversary dates of mandatory training.

Local Communities

Building Products Division received one complaint related to noise during this reporting period. The subsequent corrective actions that were implemented following this complaint have been successful in helping us maintain an amicable relationship with our neighbours.

Hadley Group has supported several local and national charities. Support has taken the form of fundraising, direct financial donations, secretarial support, leadership support / mentoring time and also supplementing the value of any employee fundraising with a £ for £ donation against the total raised.

Local sourcing and local business are a key part of the Hadley Group - Building Products Division supply chain. Although the majority of steel converted on our production lines is a mixture of European and Far Eastern origin, **96.02%** is processed by suppliers located within a 10-mile radius of our sites.

Environmental Stewardship:

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.

Our patented UltraSTEEL® process enables us to develop highly efficient product designs that perform better, while using less metal. State-of-the-art manufacturing plant ensures high accuracy with low waste.

Products that weigh less, in turn, reduce customers' transportation costs and as a global manufacturer, we can ensure more localised supply internationally. This helps to reduce both our customer's carbon footprint and the environmental impact of their construction projects.

We also recognise that supply chains are global and, whilst our immediate steel suppliers are local, we can access the originating mill's test certificates to ensure full traceability back to source.

Our building products division has attained the 'Sustainability in Steel Construction' award. And a selection of our products has met the necessary credentials to be included in what aspires to be 'the future' of sustainable urban development. Involved in the design and construction of energy efficient modular buildings using Advanced Methods of Construction (AMC) Hadley Group aim to deliver net zero carbon emissions across all these homes by 2030.