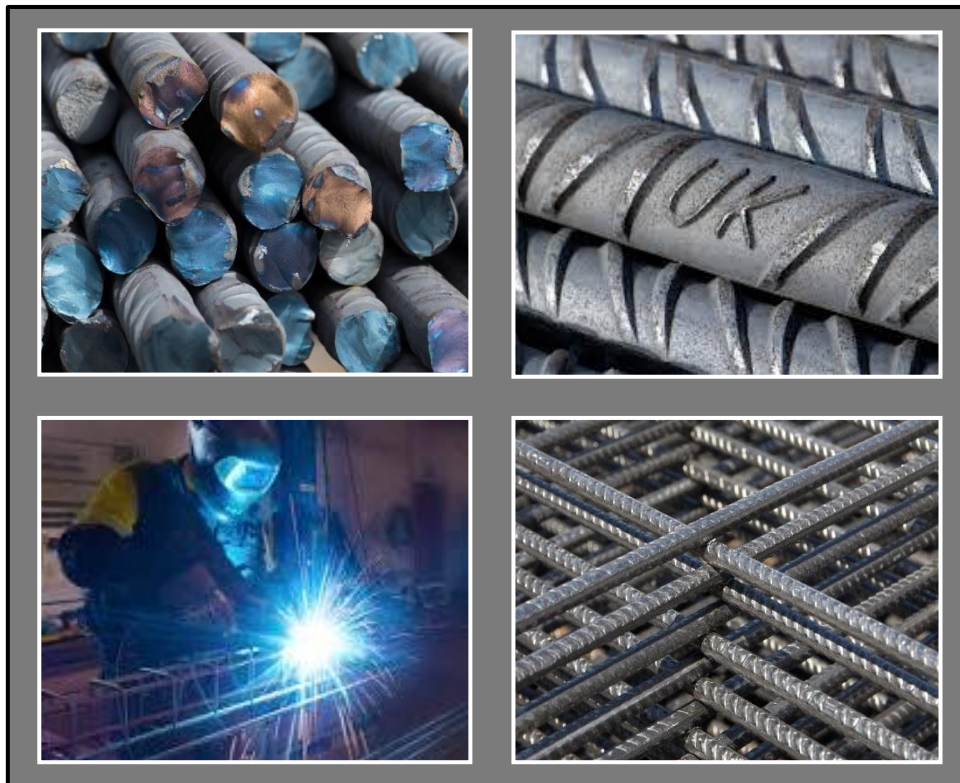




# Express Reinforcements Sustainability Statement 2024



## Contents

1.0	Company Information .....	3
1.1	Map of Sites .....	3
1.2	Policies .....	4
2.0	Health and Safety Information.....	4
3.0	Environmental Initiatives, Accreditations and Compliance .....	6
4.0	Product Sustainability .....	7
5.0	Energy Consumption.....	7
6.0	Greenhouse Gas Emissions .....	8
7.0	Water Usage.....	10
8.0	Resource Use, Waste and Recycling .....	10
9.0	Transport.....	12
10.0	Employee Skills and Training.....	15
11.0	Local Community .....	16
12.0	Biodiversity .....	17

## 1.0 Company Information

Express Reinforcements Ltd (Express) are a leading force in the design, development and supply of steel reinforcement to the UK Construction Industry. With a network of strategically placed manufacturing locations, as a group we are able to meet a vast range of requirements for projects of all sizes and demands throughout the UK and Ireland. Wholly owned by 7 Steel UK, Express has an enviable supply chain, being able to offer consistency of product and full traceability, with all steel traceable from 7 Steel UK steel works and rolling mill in Cardiff, through our manufacturing facilities and delivery to site.

Express is a leading supplier of steel reinforcement products and services to the construction industry. All the steel reinforcement supplied by Express is sourced from within the UK and has a recycled content of at least 98% (see section 4.0). All steel reinforcement manufactured by Express complies with the highest quality and sustainability standards and can be found in iconic projects such as Pen-Y-Cymoedd Wind Farm, Crossrail, Heathrow Terminal 2 and Hinkley Point C.

Express are committed to sustainable activities wherever possible, a significant part of which is transparency with respect to all actions which may impact people or the surrounding environment. This statement has been compiled to report to stakeholders on such actions, informing them of our sustainability performance and efforts to continually improve in areas such as health and safety, production and manufacturing activities, raw materials usage, energy consumption, greenhouse gas emissions, waste and recycling performance, transport activities, employment skills and local community impacts. Data is reported in units per tonne of finished steel product on a site by site basis in addition to a company total when necessary, with yearly comparisons displayed wherever possible.

It should be noted that the Brownhills plant was closed in August 2024 when the lease expired on the site.

### 1.1 Map of Sites



## 1.2 Policies

In order to operate in the most sustainable fashion possible, Express has a suite of policies which are regularly updated to reflect the ongoing activities of the company. We ensure these policies are achievable by issuing accompanying procedures, outlining operational changes and actions which are aimed at achieving any goals, targets and objectives set. The following topics are addressed within the company's Responsible Sourcing Manual, available from the company website or by request:

- Responsible sourcing
- Legal compliance
- Quality assurance
- Supply chain and purchasing
- Environmental management
- Greenhouse Gas Emissions
- Health and safety
- Resource usage
- Waste and recycling
- Transport
- Employment and skills
- Local communities

## 2.0 Health and Safety Information

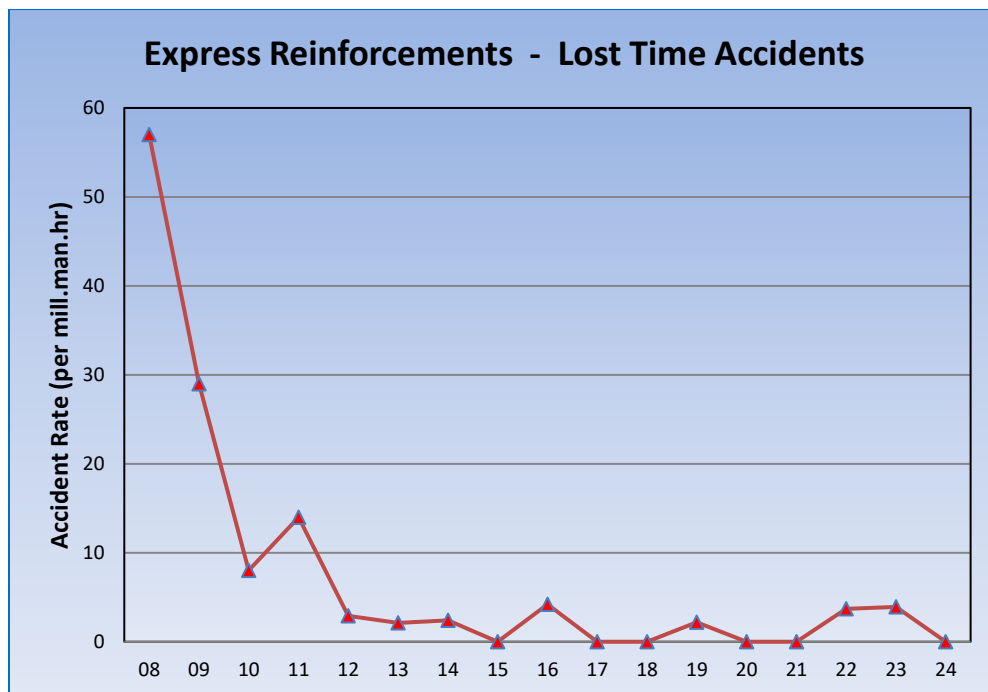
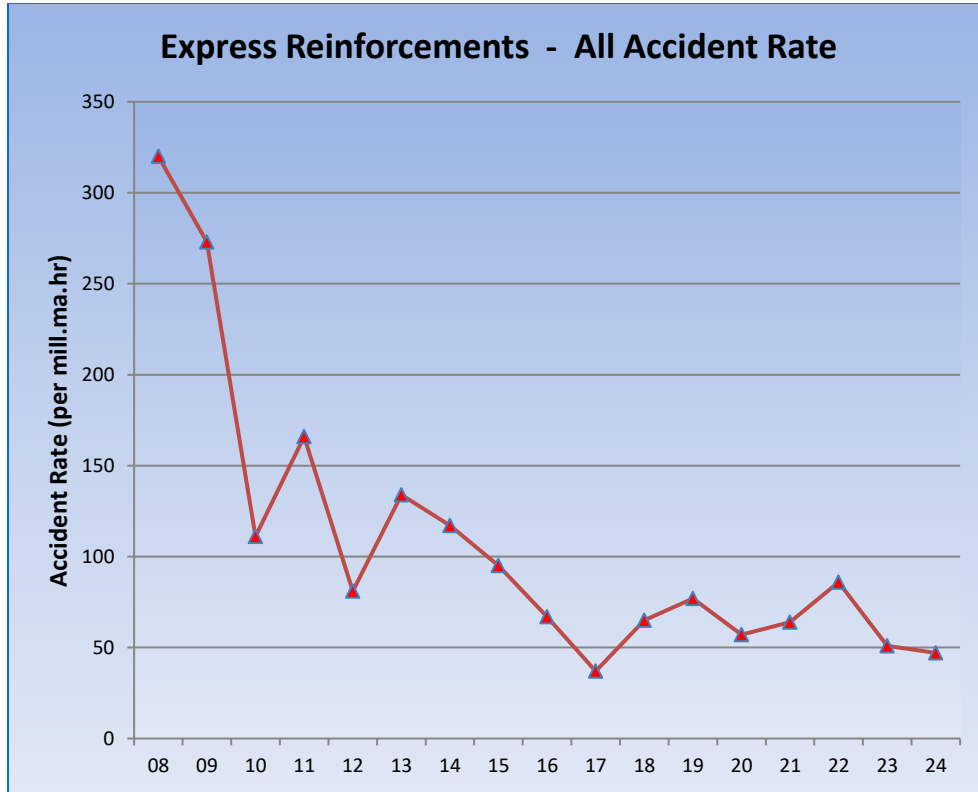
All Express manufacturing sites operate a safety management system that complies with the requirements of ISO 45001. All sites are third-party approved to this standard, with copies of certificates available on request.

In addition to the third-party audits required for ISO 45001 accreditation, all Express sites are subject to regular internal audits to ensure we are doing the most we can at all times to protect the wellbeing of all individuals.

Express actively engages with other bodies such as BAR (British Association for Reinforcement) and MPA (Mineral Products Association) with the goal of improving health and safety standards. Further actions taken include benchmarking visits to other companies, both inside and outside the reinforcement steel industry, which allows us to continue to strive towards our goal: reducing accidents to zero.

Express was instrumental in helping to win the MPA Health and Safety Award for the outstanding achievement in the area of worker involvement through its contribution to an online discussion forum aimed at engaging directly with employees on the subject of health and safety.

The graphs below show that recent efforts in improving health and safety practices at Express have resulted in a significant reduction in all accidents, including lost time accidents, over the last ten years. This lost time accident rate is lower than other organisations in similar industries, but we continue to work tirelessly towards our target of zero accidents.



### 3.0 Environmental Initiatives, Accreditations and Compliance

Environmental data and performance is closely monitored, both internally by the environmental team and externally through the auditing and data submission procedures for the various environmental accreditations Express hold. Some of these widely recognised accreditations include:

- ISO 14001, an international standard aimed at helping organizations minimize how their operations negatively affect the environment. Bureau Veritas ensures compliance for ISO 14001 through periodic audits, with all Express sites now having achieved compliance with the new ISO 14001:2015 standard (certificates available from the Express website or [www.greenbooklive.com](http://www.greenbooklive.com))
- Carbon Reduction Commitment (CRC) Energy Efficiency Scheme, a UK Government-led scheme aimed at incentivising energy efficiency and reducing carbon emissions. Energy usage statistics are supplied to the Environment Agency by 7 Steel UK (Celsa Manufacturing UK) on behalf of Express.
- Building Research Establishment (BRE) BES 6001 framework, a standard which focuses on ensuring the constituent materials of construction products are responsibly sourced. Express have received the rating 'Very Good' in our most recent audit.

Express also complies with several industry-specific standards and schemes, such as:

- Eco Reinforcement, which assesses and recognises responsible sourcing in reinforcing steel products utilising the BES 6001 framework. Having been an integral part of the development of Version 3.0 of the standard alongside the other scheme council members, Express Reinforcements became one of the first to be awarded the highest possible rating of 'Excellent' in our most recent audit.
- British Association of Reinforcement (BAR), which collects environmental data annually from companies across the sector in order to monitor and benchmark the environmental performance of the reinforcement steel industry as a whole. The data is used by ERL to set targets and to understand how our environmental performance compares with the industry as a whole.

A further initiative recently completed by Express is the creation of Environmental Product Declarations (EPDs) for our entire product range. This independently verified Type III Environmental Declaration comprehensively documents all environmental impacts associated with the sourcing, processing, transportation and manufacturing of materials for our products across several different sustainability indicators. This has allowed us to understand more about the life cycle analysis of the products we manufacture.



## 4.0 Product Sustainability

The primary purpose of this sustainability statement is to focus on the activities of Express. However, there are also significant impacts incurred during the production of our steel, which this section will highlight.

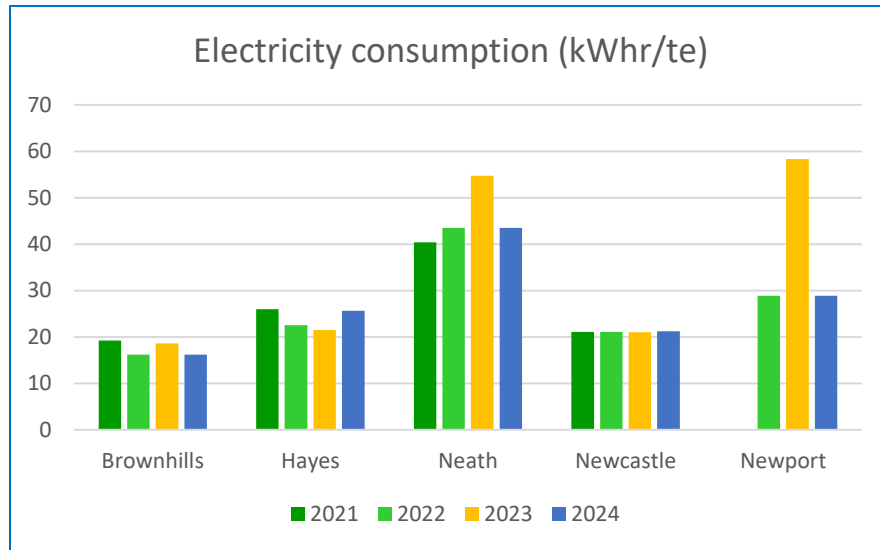
All of the steel used to manufacture Express products is supplied by the 7 Steel Steel Melt Shop in Cardiff. This steel is produced from recycled scrap via the electric arc furnace (EAF) process. Steel production using the EAF method consumes only a third of the embodied energy, emits one sixth of the CO<sub>2</sub> and produces approximately half the amount of co-products (waste) compared with the traditional blast furnace steelmaking process. Despite this steel production method being the most sustainable available, significant emissions of CO<sub>2</sub> are inevitable due to high energy consumption, the combustion of natural gas, coke and carbon, whilst natural gas consumption also results in the release of SO<sub>x</sub>, NO<sub>x</sub> and CO. Further details on the production process of our steel can be found within 7 Steel Manufacturing UK's annual environmental reports (available at [www.celsauk.com/Downloads.mvc/Sustainability](http://www.celsauk.com/Downloads.mvc/Sustainability)).

The steel provided to Express by Celsa consists of 98% locally sourced scrap metal, making 7 Steel UK the biggest recycler in the UK. The final 2% of ferro-alloys and minerals added to the production process to remove impurities from the steel and to ensure the finished product has the correct properties. During the production process impurities are removed through the furnace slag, a steel by-product that is recycled as an aggregate for the construction industry. All other by-products of production are recycled, ranging from mill-scale – used as an iron-bearing source in the cement industry – to flue dust, from which zinc and other metals are recovered.

While the majority of the environmental impacts associated with Express products stem from steel production, there are further impacts sustained during the product manufacturing process, which are summarised in the following sections. Environmental data presented here cannot be attributed to any particular Express product – the EPD reports (please see section 3.0) do present environmental impacts on a product-by-product basis, however.

## 5.0 Energy Consumption

Express are committed to continually reducing energy consumption associated with its processes to a level as low as is practically possible. The only energy used within the production process of our product is electricity (impacts associated with secondary energy consumption such as diesel and natural gas are covered within section 6.0), with recent data for electricity consumption displayed in the graph below. This consumption is reported in KWhrs/Tn of steel product, in addition to a 'performance vs baseline' figure which can be understood as the performance versus the expected electricity consumption given current production output. This is calculated using a regression analysis, taking into account production levels and historical electricity consumption. Data for Newcastle has only been available from early 2020 due to difficulties obtaining this, whilst Hayes is a newly opened site. Energy consumption at all Express sites is comfortably below average industry consumption according to BAR Data 2020.



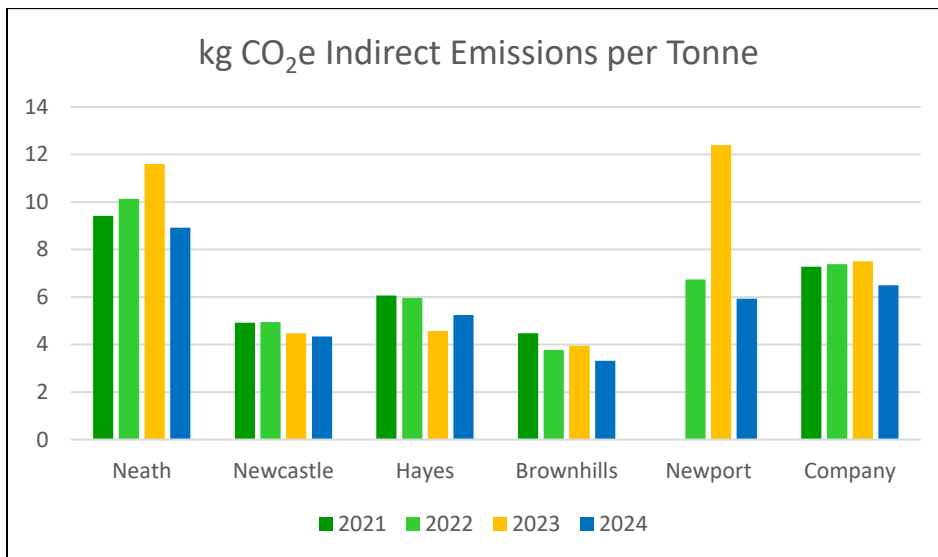
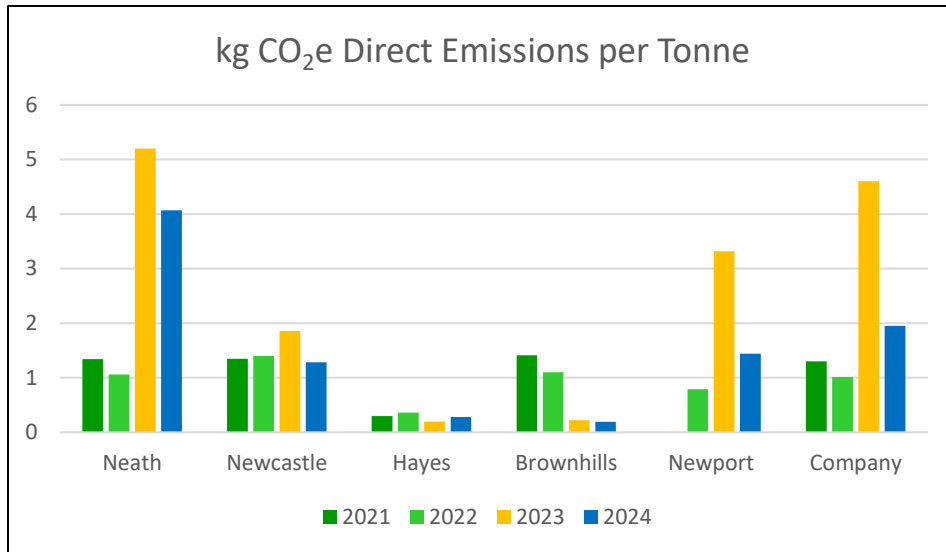
The increased energy consumption at the Neath site due to the Hinkley Point C nuclear contract has been reversed in 2024, and the effect at the Newport prefabrication site has reduced back to normal levels as a result in changes in work content.

## 6.0 Greenhouse Gas Emissions

Express are committed to reducing greenhouse gas emissions associated with its processes to a level as low as is practically possible. The first step in reducing greenhouse gas emissions is recording these emissions as accurately as possible. Direct (scope 1) greenhouse gas emissions consist of diesel fuel used for on-site transportation and natural gas used for heating. Indirect (scope 2) emissions from our activities consist of electricity consumed on site. All greenhouse gas emissions are calculated based on Government emission conversion factors for greenhouse gas company reporting.

Recent levels of both direct and indirect greenhouse gas emissions are shown in the graphs below. Express has reduced both its direct and indirect CO<sub>2e</sub> emissions per tonne of finished steel product compared with the previous year. It is the company’s target to reduce total CO<sub>2e</sub> emissions by 5% by the end of 2024 based on 2023 levels, these results place Express in a strong position to achieve this. These greenhouse gas emissions levels are well below average industry emissions according to BAR Data 2020.

Express prepared an EPD in 2024 which indicated a total GWP of 689 kg of CO<sub>2e</sub> per tonne of cut and bent reinforcement produced. The company has recently updated this EPD yielding a much lower figure of 483 kg CO<sub>2e</sub> per tonne. The vast majority of this improvement being through improvements the GWP of the raw material.



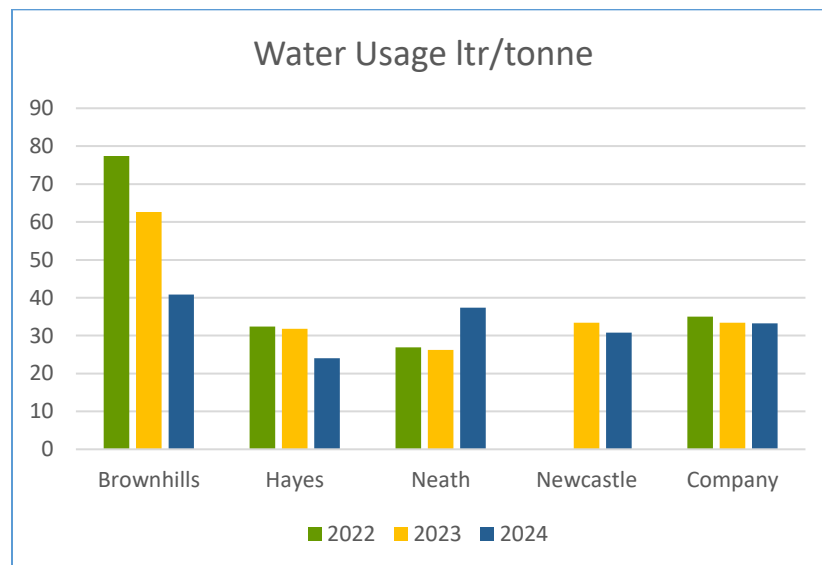
At the time of writing, Express are currently unable to report full scope 3 and non-CO<sub>2</sub> greenhouse gas emissions which arise from company operations. It is our target to publish such data in this report in future years.

The reduction in direct CO<sub>2</sub>e emissions is mainly due to the reduction in the use of the diesel generator at the Neath site and the change in output at the Newport sites.

There has been a general reduction in indirect emissions due to changes in operations throughout the year.

## 7.0 Water Usage

Despite there being no water abstraction within the production process of our products, Express pursues efficiency in the management of water by monitoring water consumption, influencing its usage as well as ensuring all staff are aware of the issues surrounding water management. Regular checks are performed to ensure any leaks are repaired as quickly as possible to minimise the amount of water used. The graph below shows Express water consumption has reduced significantly in recent years which may in part be due to the opening and closure of sites, this level is above average industry levels according to BAR Data 2020. Large annual fluctuations may be explained in part by long periods between meter readings. Hayes is a relatively new site, and the Brownhills site was closed in August. The company maintains a procedure for the control of water usage which details responsibilities, monitoring, water usage reduction methods and requirements for employee education. Water is not used in any of the operational processes, just for employees personal use. The water consumption is more related to head count, and there has been a small reduction in 2024 hence the slight reduction in overall consumption.



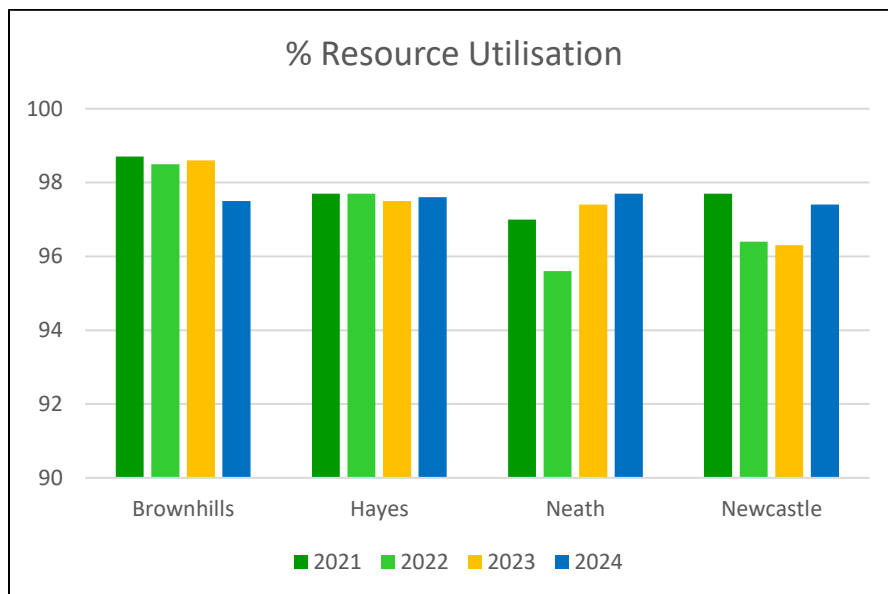
## 8.0 Resource Use, Waste and Recycling

A further significant environmental impact of Express operations is the level of waste produced at our sites and how this waste is dealt with. The Express waste management strategy sets out guidelines to ensure waste is dealt with according to the principles of the waste hierarchy, including initiatives aimed at reducing waste creation and ensuring waste is segregated appropriately.

The majority of waste produced at Express sites is scrap metal which is recycled locally. It is our aim to minimise the level of metal scrap produced by ensuring our resource utilisation rates are as high as possible (shown in the graph below). We aim to achieve a resource utilisation rate of at least 97.5% which

unfortunately we have failed to meet in the last two years, performing slightly below average industry levels according to BAR 2018 Data. All of our products are 100% recyclable at end of life.

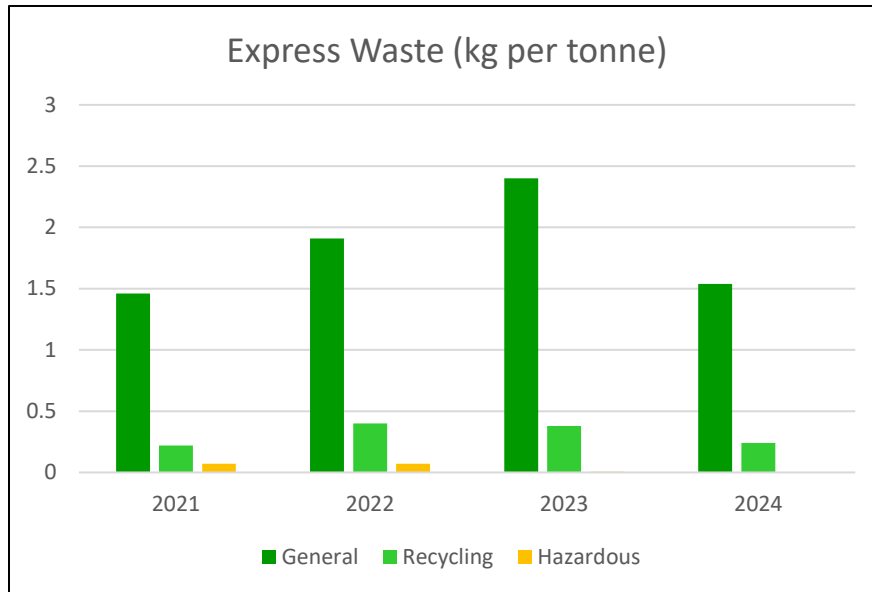
A recent circular-economy inspired South Wales scrap utilisation project has seen the company able to supply the Celsa Steel Mill with 1,068 tonnes of scrap metal which would have otherwise entered the open scrap market, in addition to the re-use of wooden pallet packaging materials, allowing us to ‘close the loop’ and save valuable energy in transport, manufacturing and processing. We are also running an integrated supply chain pilot study alongside a major Tier 1 construction contractor aiming to further push the boundaries of our circular economy capabilities, with the data gathering and analysis still ongoing.



The changes in resource utilisation is mainly related to the supply of the nuclear contracts and the individual work content that it generates.

The remainder of Express’ waste is segregated on-site and, where re-use is not practicable, removed from site by a waste management contractor. All waste streams are closely monitored using data supplied by our waste management contractor to keep track of our waste management performance. Currently, any non-hazardous waste which cannot be recycled is used for producing refuse-derived fuel, therefore none of this waste goes to landfill which means the company performs well below the industry average according to BAR 2018 Data. The graphs below show levels of waste produced in recent years for general waste, recycling (including plastics, glass, paper, cardboard and wood) and hazardous waste.

The company has been working in conjunction with its waste management provider, Biffa, to provide more accurate monitoring and reporting. In 2024 there was a focus on the classification of hazardous waste and its recycling.

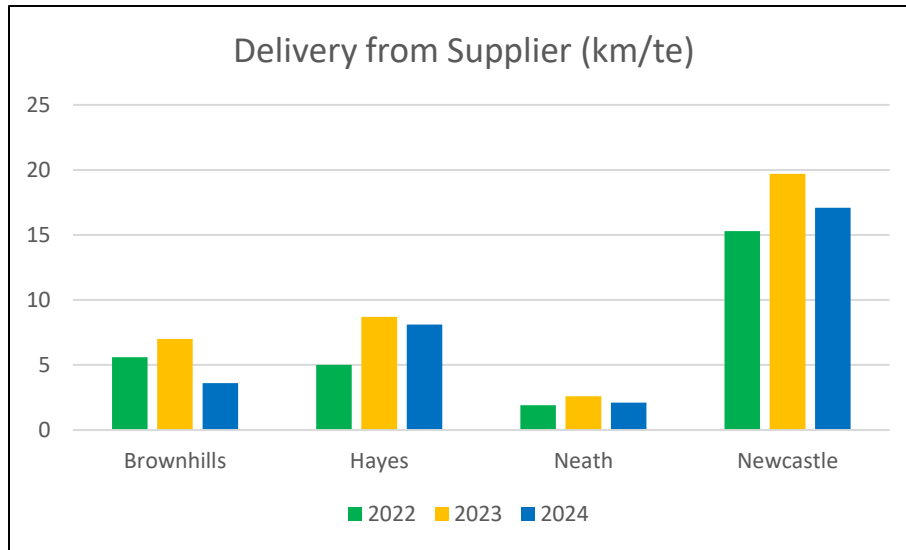


Express complies with the various legislation regarding waste, for such items as electrical and electronic equipment, batteries, etc. Our commitment to ensuring our packaging waste is also dealt with sustainably is fulfilled through our membership of the Valpak compliance scheme. Improvements in retrieval and recycling of packaging materials, in addition to reducing the amount we use. The principle focus has been to reduce the amount of hazardous waste which has been largely successful.

## 9.0 Transport

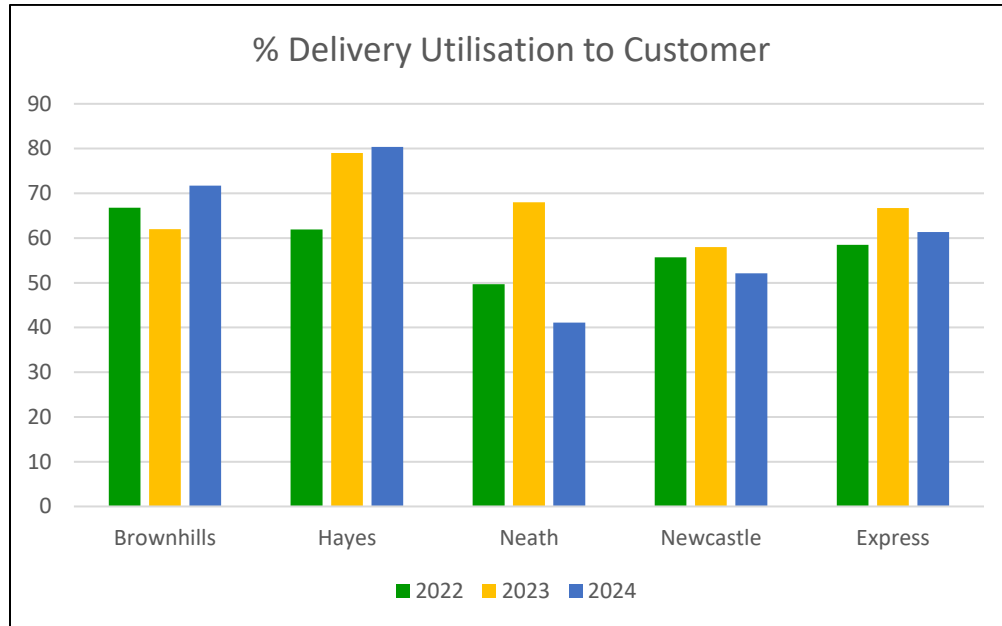
Steel is transported from the 7 Steel Steel Melt Shop in Cardiff to Express depots via road, with the average distance travelled shown in the graph below. A new system for automatically tracking deliveries from our supplier is now in place, utilising an app to provide more data than ever. With this data we can further analyse our performance and continue to make improvements. We endeavour for each delivery to contain the maximum amount of steel as is practicable and safe in order to maximise sustainability.

There has been a general improvement in delivery efficiency, returning to more normal levels.

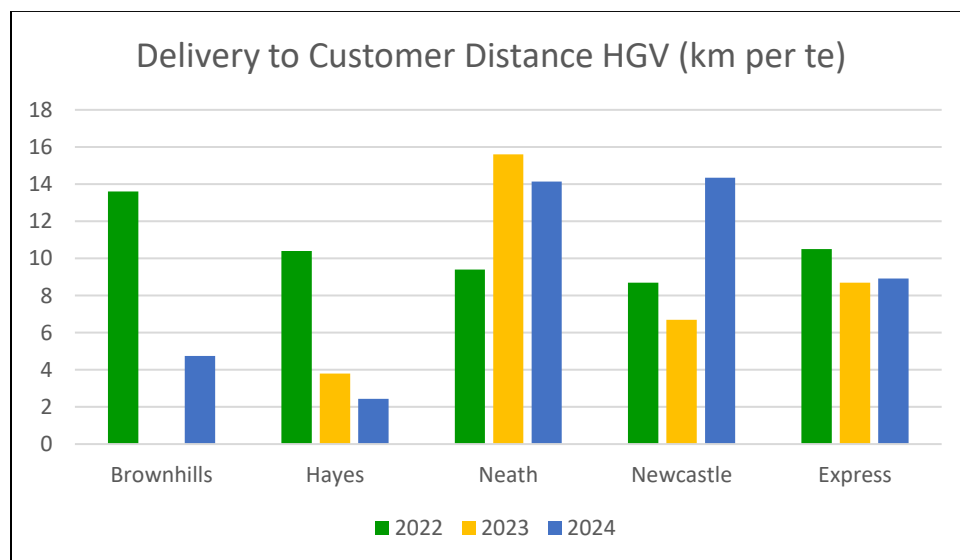


In partnership with its hauliers, Express are committed to reducing the adverse environmental impacts of transport associated with the delivery of reinforcing steel to customers wherever possible. We operate on a national basis and where practicable deliver to customers from the nearest manufacturing site, also endeavouring to make use of returning vehicles from depots wherever possible through communication with our haulage partners. Our Transport Procedure sets out a methodology for identifying all significant environmental impacts associated with company transport activities, taking into account the likelihood of occurrence, detection, consequence and stakeholder impacts.

We aim to reduce environmental impacts associated with transport such as noise and disruption to the local community and wildlife by ensuring all customers' delivery requirements are met where possible. Where necessary, mitigation strategies to overcome identified impacts include collaboration with haulage partners and suppliers, seeking new haulage partners and suppliers where necessary, process improvement of on-site transportation through analysis, communication with customers to identify delivery sensitivities, support of the Cycle to Work Scheme and a hybrid-only company car list. The graph below shows that the distance travelled per tonne of finished steel product delivered to customers.

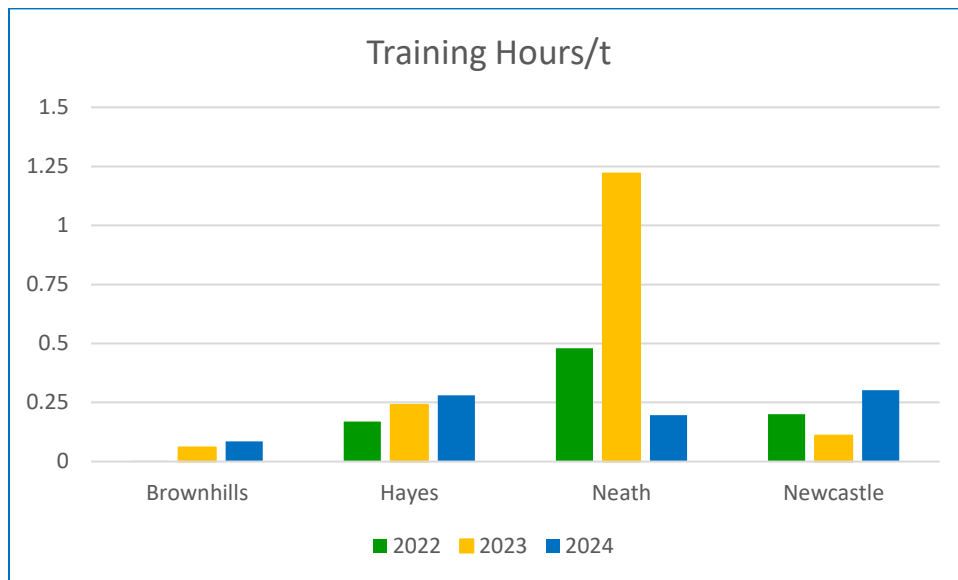


In recent years the company has focused on reducing the impact of transport mileage to the customer. This has in part been achieved by maximising delivery utilisation and by reorganising the work to be supplied from the nearest location to the project where possible, rather than from the site that won the order. This initiative was continued in 2024.



## 10.0 Employee Skills and Training

Express acknowledge that training at all levels can lead to better performance by individuals which will benefit both the Company and the employee. The employees benefit from greater exposure to new skills and experiences leading to better performance allowing advancement to more senior positions; and the company benefits through increased efficiency and better levels of performance. Training courses undertaken recently include safety, first aid, quality assurance, environmental awareness, project management, energy management, circular economy initiatives, sales techniques and recruitment. Express has also offered support and guidance to its employees in attaining professional certifications in areas such as project management, health and safety, environmental management, quality assurance and human resources.



All staff undergo a formal induction into the company that includes an overview of the responsible sourcing principles detailed within ECO Reinforcement and BES 6001 (see section 3.0). Managerial and supervisory staff receive an annual professional development review with intermediate reviews throughout the year. In an improvement on previous years, 100% of operational staff now have an annual assessment (in line with average industry levels according to BAR Data 2020) giving an opportunity to discuss their specific duties, opportunities for future learning and continuing professional development.

The company has heavily invested in e-learning for its employees creating the Celsa Academy with access to internally created learning package along with access to external organisations such as the Steel University and iHasco.

## 11.0 Local Community

We are living in a world that is becoming ever increasingly aware of its impact on all aspects of the environment, and Express is no exception to this. The need to address sustainability issues at a community level is vital not only for our own interests, but also for customers and for other stakeholders who are demanding that we manage our impacts on the environment and society as a whole. In recent years Express is proud to have received no complaints from the local community.

Express aims to interact with all stakeholders to ensure our positive impact on the local community and environment are enhanced wherever possible, whilst our negative impacts are eliminated or reduced as much as possible. The first step is to define whom the stakeholders are when we consider our interaction with the local community, the diagram below aims to answer this question. Once we have identified the relevant stakeholders there must be a defined set of actions designed to improve the impact we have on the local community.

Our Local Communities and Considerate Neighbour Procedure sets out a plan to engage more with all stakeholders, carrying out regular reviews of engagement and local community relationships activities within our strategic reflection and management review process to ensure we are performing as well as possible. We aim to interact and give back to the local community wherever possible through supporting



the charitable efforts of our employees, examples include; offering sponsorship for charity walks and runs; involvement with local children's groups such as Beavers and Scouts; and taking part in national events such as Comic relief and Save the Children Christmas Jumper Day.

Local sourcing represents an opportunity for organisations to ensure a sustainable supply of goods and services while building a more locally based, self-sustaining economy and strengthening the social health of communities. Local sourcing is a key principle of our procurement strategy and we endeavour to use local suppliers and trade wherever practicable, as set out in the company Local Sourcing Policy, with examples of this including use of local catering and cleaning services. We see caring for our employees as a further method of benefitting our local community through offering access to the Cycle to Work Scheme, improving on-site welfare facilities by renovating communal areas, allowing flexible working where practicable and ensuring working conditions are as comfortable as possible.

Express have also launched a project to communicate local community and sustainability matters through social media.

## **12.0 Biodiversity**

Biodiversity is being seen as an increasingly important factor for businesses to consider as part of their overall sustainability impact. Although seemingly having little direct impact upon biodiversity due to the industrial positioning of manufacturing sites and ultimate customer locations for reinforcing steel, there are numerous secondary and tertiary impacts associated with the industry. Express has sought to evaluate biodiversity impact of our locations by undertaking biodiversity impact assessments at all of our sites which highlight current impacts and potential improvement strategies such as increasing green spaces, planting of native plant species, the addition of bird boxes and bee hives alongside local partners and supporting the work of local environmental charities. It is our aim to utilise these impact assessments to form biodiversity action plans which identify the most suitable improvement strategies for each Express location. We also aim to extend the scope of the biodiversity impact assessments undertaken beyond our company locations to areas such as purchasing and transportation, and look forward to reporting on these activities in due course.