

Challenges:



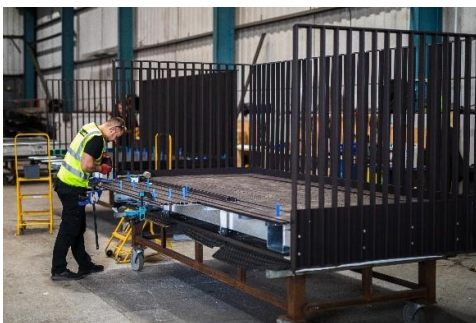
The most pressing sustainability challenge faced by the Brooksby team is how to reduce their energy usage factor and help their stakeholders reduce their current and future impact on the planet.

Brooksby's products for the built environment, such as their balcony products, require energy to be produced. By investigating the resources used throughout the design, production and delivery phases, efficiencies have been identified. Engineering the design of the balcony support structure away from a

standard stock C-section to a lighter bespoke channel has reduced the amount of steel required to achieve the same result.

Looking closely at how their stair balustrade product was installed also meant that innovation around the design and process could reduce the time spent on site by operatives reducing the overall burden on the environment produced by increasing the efficiency of offsite construction. By providing the stair manufacturer with a cast-in bracket, there was no need to spend time onsite drilling connection points.

Impact:



There have been a few quick wins, but the main benefit of learning with the Supply Chain Sustainability School is that it has raised the level of awareness across the company for the need to strengthen its position as a more sustainable fabrication

company. By learning from other case studies on the School's website, Brooksby can digitally collaborate and learn from sustainability best practices across other players in the construction and manufacturing industry.

Identifying areas for improvement: Brooksby discovered that the School's assessments provided them with valuable insights into their learning progress. By accessing the assessments on demand, they were able to track their progress and identify areas where they needed to improve.

Practical learning: The e-learning modules have also been a valuable resource for Brooksby, as they allow the company to gain a deeper understanding of sustainability. These modules have been

Fact box



Company

Brooksby Projects Ltd

No of employees

40

HQ

Grafton Place, London

Website

www.brooksby.co

Main contact

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Services

Steel fabrication and balcony manufacturing

About

Brooksby provides a complete design, supply and installation service for architectural metalwork, balcony, and structural steelwork requirements. Over recent years the company's desire for innovation has led to the successful launch of the Flight Deck balcony system, which enables them to maximise the advantage of offsite balcony assembly and eliminate some of the risks associated with balcony installation.

particularly useful because they can be accessed at any time, making it easy for Brooksby to fit their learning into their busy schedules. Brooksby has found that the assessments and e-learning modules provided by the School are instrumental in helping them enhance their knowledge and skills in their areas of interest.

Value gained:

Increased awareness: The Supply Chain Sustainability School has aided the Brooksby team in raising awareness around the sustainability of the products they designed and produce, as a company that has already been using MMC at the core.

Increased knowledge: The School has improved Brooksby's understanding of sustainable energy use. The company now has work from home schemes to help their staff's wellbeing and reduce living costs. Using energy-efficient lighting in their fabrication facility not only reduces their energy consumption but also improves the overall lighting within the facility. Since joining the School, the company has also gained new practices in assessing the sustainability of their supply chain.

Better placed to meet client requirements: Achieving Gold status with the School will further help Brooksby to attract and retain clients who share their sustainability goals and values, and encourage open conversations about sustainable practices in their industry.

Future proofing:

As part of their commitment to continuous improvement, the Brooksby team plans to roll out the School to all business departments, not only the most impactful ones (Sales and Operations). The company will remind all staff to routinely familiarise themselves with new content on the platform and report on improvements and ideas for further improvements in their company newsletter.

Most importantly, they will drive change in relation to their energy reduction and plant impact reduction goals. The School is their new catalyst to strengthen their company concerning sustainability and drive awareness not only company-wide but across affiliated companies.