

Challenges:

The biggest sustainability challenges faced by 3R Restoration relate to managing materials responsibly and minimising environmental impact during restoration projects. A significant issue is the generation of unusable waste, particularly when working on historic buildings where non standard or damaged materials cannot be reused, making circularity difficult to achieve. Balancing the preservation of original features with modern sustainability expectations often results in offcuts, broken stone and excess materials that cannot easily be recycled. Transporting and handling heavy materials such as natural stone and brickwork also contributes to emissions. Coordinating multiple suppliers and contractors while maintaining consistent sustainable practices across projects presents an ongoing challenge, alongside meeting client and regulatory expectations within an evolving sustainability landscape.

Impact:

Engagement with the Supply Chain Sustainability School has increased awareness within 3R Restoration of the environmental impact of its projects, particularly in relation to carbon. Prior to using the School's resources, measuring and managing carbon impacts was unclear. Through e learning and supporting materials, the organisation has developed a clearer understanding of how materials, transport and site operations contribute to emissions and waste. The impact of unusable materials and offcuts, which are common within restoration work, has also become more visible. Overall, the Supply Chain Sustainability School has supported more informed thinking around waste, carbon and wider sustainability challenges across projects.

Value gained:

Membership of the Supply Chain Sustainability School has brought clear value to 3R Restoration. It has supported the team in developing a stronger understanding of sustainability challenges, particularly around carbon, waste and material impact, while increasing confidence when discussing these issues. Membership also supports the organisation's reputation, demonstrating to clients a serious commitment to environmental responsibility and providing a competitive advantage when bidding for projects. Resources and guidance from the School have helped identify opportunities to reduce waste and consider environmental impacts within the supply chain, which

Fact box



3R RESTORATION

Company

3R Restoration

No of employees

20

HQ

Unit No 9, Bermondsey Trading Estate,
Rotherhithe New Road, London, SE16 3LL,
United Kingdom

Website

<https://www.3r-restorationltd.co.uk/>

Main contact

James Nicholas james@3restorationltd.co.uk

Services

Repair, refurbishment and restoration services for historic, residential and commercial buildings

About

3R Restoration is a specialist contractor offering a wide range of services associated with repair, refurbishment and restoration work. Whether working on a historic building, monument, residential building or commercial space, 3R Restoration strives to resolve complex issues around elements such as fixing systems, design and interfaces. The organisation provides knowledgeable advice on materials from procurement through to installation and maintenance, as well as technical and testing data, planning and programming, with a focus on key milestones and deliverables. A strong network of trusted suppliers provides access to a wide variety of materials to suit a range of projects, from natural stone to brickwork and more.

Case Study: 3R Restoration

may lead to cost efficiencies over time. Looking ahead, continued membership is expected to support awareness of sustainability trends, strengthen supplier relationships and help meet evolving client requirements while maintaining a positive environmental reputation across projects.

Future proofing:

Future plans include continuing to engage with the Supply Chain Sustainability School to stay informed on emerging sustainability developments and guidance. Keeping up to date with trends, regulations and best practice will support ongoing improvements in environmental performance, more informed decision making around materials and processes, and effective responses to client and industry expectations within restoration projects.