

BRE Science Park

Showcasing Furniture Re-Use

Project Outline

The project involved clearing two floors of furniture in BRE’s building 16, working closely with BRE Group to establish which items could be kept and re-worked into the new floorplans for 120 users.

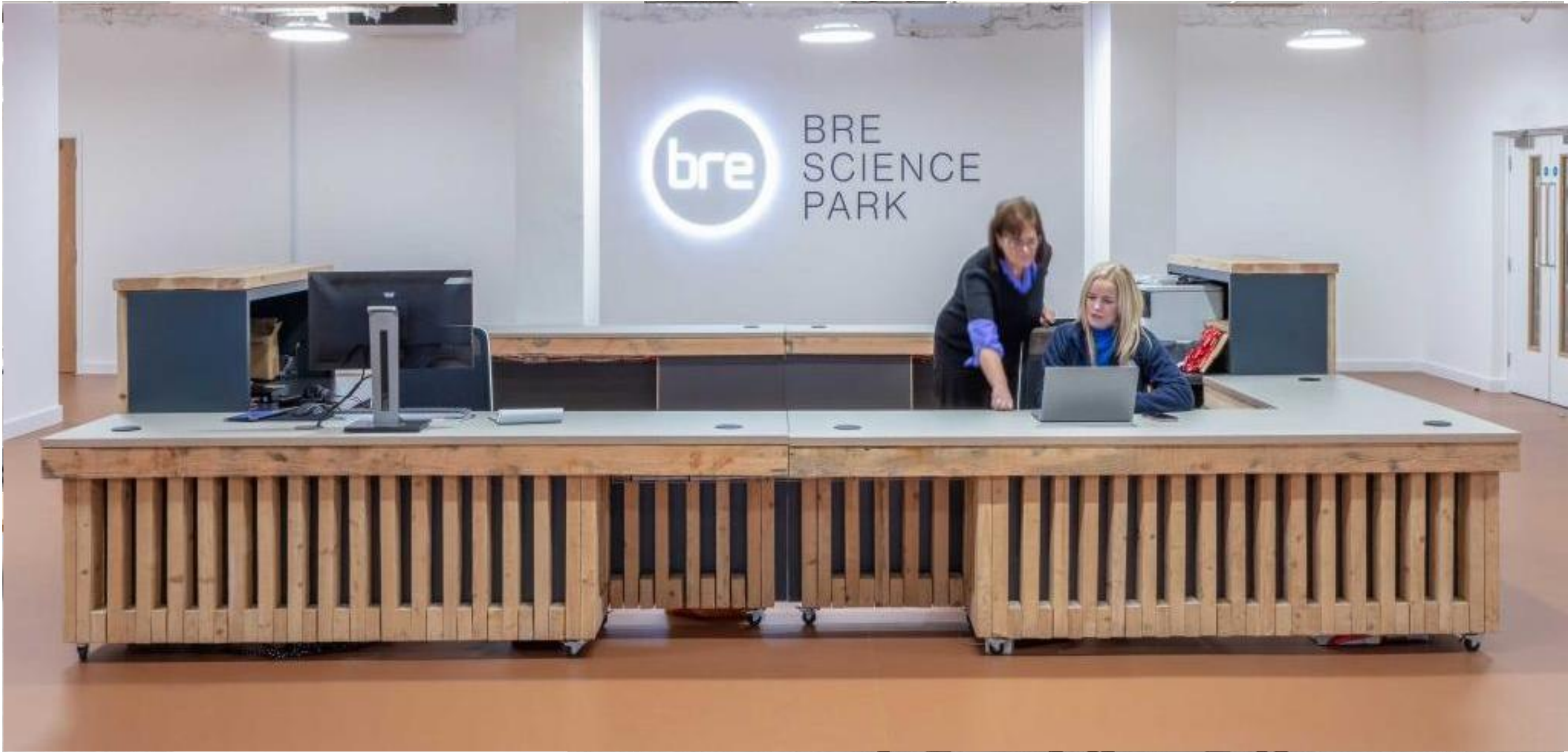
JPA worked with the BRE Project Team and Feilden Clegg Bradley to finalise layouts and establish the requirements for new products to work alongside existing furniture items identified as suitable for re use and then, integrate the two together seamlessly.

The JPA team audited all existing furniture items in advance of project commencement to enable re-use feasibility, estimates and predicted carbon and cost savings. Items which could not be re-used within the project were recycled with zero to landfill.

Client Feedback

“We’ve been working with JPA on the refurbishment and re furnishing of BRE’s offices at their Watford campus. JPA’s approach is innovative and pertinent of the times, prioritising the re-use, re-purposing and refurbishment of furniture where possible along with new furniture provision and manufacture to provide solutions that are not only sustainable but reduce costs and add value.”

Ron Nkomba, Associate
Feilden Clegg Bradley



Kings Award for Enterprise 2023
Sustainable Development



Ecovadis Sustainability
Rating Platinum Top 1%



IWFM Awards
SME of the year 2023



Case Study

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Statistics

- **100% Carbon Neutral** Installation by JPA Teams
- **240 Items** of existing furniture stock re-worked back into scheme
- **7.44 tCO2e** Saved through re-use = 37 return economy flights between London and Edinburgh
- **£29,930** Saved by re-using existing furniture items
- **22.68 tCO2e** Landfill eliminated
- **Zero waste** to landfill through re-use and materials recycling
- **Zero packaging** to landfill through re-use and materials recycling

Key Outcomes

- Awarded BREEAM excellent
- Awarded highly commended at the Bedfordshire and Hertfordshire
- Construction Excellence Awards
- Completion of site audits and inventory by JPA prior to building clearance to identify products and materials suitable for re use in the new scheme. Redundant stud wall timber was used to manufacture a new statement reception counter.
- By recycling redundant furniture items BRE Group significantly improved their environmental performance by contributing to SDG15, Life on Land

