

BRE Trust Case Studies

Research and Funding

Research is a core part of Trust activities. This research is carried out in various ways, but through utilising partnerships with universities the initial benefits of funding can extend beyond specific research or project outputs. Research is beneficial in many ways as the results feed into industry through the direct outputs but it also benefits teachers, professors and new students coming through the system over the years as the material produced during research is fed back into the educational system.

It is not just about the direct output and the impact and benefits this has, but it is also about skill development. Feeding what is gained from this research back into teaching creates benefits over the short, medium, and long term. By growing the research capability in Universities and other areas, then the level of skill within an industry can be influenced through the generation of educational content from previous research. The outputs from research are not just the published results. The teaching elements that are created off the back of this research are also outputs that are generated from this funding.

The Trust's role as a funding charity allows it to reach across many areas, depending on the research topic being investigated. However, this funding case study focusses on the particular goals, targets and indicators linked to development assistance and capacity building with regards to education and skills, access to research and information and learning materials.

BRE Trust has partnerships with several different universities, all focusing on a different particular area for their research. Each partnership will have a different degree of impact on different SDGs, however, all will have benefitted from and generated more outputs from Trust funding. These partnerships are a key part to the Trust's role in the wider industry. While the Trust has provided a lot of funding for research within BRE Group itself, the partnerships with universities allow for external influence and enhancement of industry related research, generation of more and more opportunities for students and increased innovation across the sector, through the generation of research outputs and feeding this back in to teaching materials over time.

University partnerships and the broad areas of focus within each included:

- [University of Bath](#) – Sustainable and responsible construction
- [University of Strathclyde](#) – Energy Systems
- [University of Cardiff](#) – City level systems – Engineering and design
- [University of Edinburgh](#) – Fire safety
- [University of Loughborough](#) – High performing buildings, sustainable construction, and resilience
- Tsinghua University, Beijing - Community resilience

Total Trust Funding (since 2001)

£32m

Number research projects funded within BRE (since 2010)

250



Total Trust Funding on the Universities programme (Since 2001)

£8.1m

Number of BRE publications funded/produced (since 2010)

190

Number of PhD studentships funded/part-funded

120

Number of Strategic partnerships

8

Number of new or enhanced Training modules/courses created

60

Number of students benefitted (since 2015)

5000+

Number of peer-reviewed publications, conference proceedings/technical articles produced

1100



Other studentships supported via strategic partnership sponsorship

300+

Number of academic teaching courses created or enhanced (since 2015)

55



Number of professorships and lectureships funded/part funded

12

