

6. Construction

Like space, our built environment is key to delivering our teaching and research aspirations and like space it is resource hungry. Sustainable construction not only reduces running costs and long-term sustainability impacts but can also reduce capital cost.

Aim

To create sustainable buildings and places through the construction process. This will include aspects like, energy use and carbon emissions, circular economy principles, transport, biodiversity, waste as well as health and well-being of users, engagement with local communities and adaptation to climate change.

Objectives

1. Apply the University agreed 'BREEAM plus standard' to all applicable projects.
2. Monitor each applicable project against the standard and report on compliance with the standard.
3. Annually review the standard to refine its use and ensure it is relevant, up to date and keeping University design of buildings at the forefront of sustainable design.
4. Develop a standard to be used for smaller refurbishments and projects.

Actions

1. Review Library and TQEC projects against the BREEAM plus standard.
2. Review sector approaches to sustainable construction within smaller projects to see if there are approaches that can be applied at the University of Bristol.

Benefits

1. Reducing carbon emissions
2. Lower in-use running costs for the University
3. Improved user experience and well-being.

Sustainable Development Themes

1. 9 – Industry, innovation and infrastructure
2. 11 – sustainable cities and communities
3. 12 – responsible consumption and production
4. 13 - Climate action