

Calderdale's *Energy Future*



University Of Bradford: a sustainable campus

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At the University of Bradford we recognise that to continue delivering excellence in our learning and teaching, research and knowledge transfer we need to ensure that our activities are conducted in an environmentally responsible manner. We are committed to sustainability, and have won recognition for our sustainable campus, and we are one of the world's leading Ecoiversities.



OUR PROJECTS

Ecoiversity - Embedding sustainable principles and practices across the entire institution and delivering a wide range of positive environmental impacts.

SUCCESSSES AND SAVINGS

- 29% carbon reduction against a 2005/06 baseline
- £6m saving over business as usual
- £500,000 per year lower utility costs

DIFFICULTIES

The University of Bradford is largely a City centre campus and 125,000 sqm in size consisting of mainly 1960s and 1970s buildings. Such a large portfolio of building of this nature presents a challenge to energy management.

LINKS

<http://www.brad.ac.uk/ecoversity/>

FULL STORY

The University of Bradford is largely a City centre campus and 125,000 sqm in size consisting of mainly 1960s and 1970s buildings. The University has approximately 12,000 students and 2000 members of staff. The current utility spend is £2.2m this is down from £2.6m in 2005.

The University has undergone significant and sustainable regeneration since 2005 and has had a transformational effect of the estate and built environment and the look and feel of the University. At the heart of the regeneration was Ecoversity which was an all-encompassing root and branch embedding of sustainability into the institution.

The University has reduced its scope 1 and 2 emissions (those from mainly from the built environment). We are ambitious and have set challenging but achievable targets over and above HEFCE (our main funding body) targets.

1: Absolute scope 1&2 reduction of 40% by 2015/16 against a 2005 baseline.

2: Absolute scope 1&2 reduction of 50% by 2019/20 against a 2005 baseline.

3: Full scope 3 data recorded annually by 2012/13 and absolute reduction of 20% from 2015/16 on a 2012/13 base line.

We are already ahead of these targets with our scope 1&2 reduction and anticipating a review of these targets in 12/13 and moving the 50% target and setting a more ambitious 2020 target.

The above has also had significant business benefit with an aggregated saving of over £6m and a lower utility in 12/13 over 2005.