

Energy Management Policy

1. AIMS

The aim of this policy is to effectively manage the energy across the University estate by continually identifying and minimising wasted energy. By reducing wasted energy consumption, we can minimise utility costs and carbon emissions whilst reducing operational reliance on fossil fuels.

2. RESPONSIBILITY

The University is committed to the protection of the environment through our Sustainability Policy. This includes the implementation of an effective energy management programme that meets, or exceeds, all legislative and regulatory requirements.

The term 'energy' includes electricity, oil, gas and district heating.

The Vice-Chancellor and the Director of Estates and Facilities are designated with overall responsibility for the achievement of the University's aim to be energy efficient as part of the wider sustainability aims.

The Director of Estates and Facilities is responsible for the development, initial implementation and, subsequently, the monitoring of the application of the energy management policy ensuring sufficient resources are available.

University Faculties and Directorates will work within the policy as appropriate to achieve the aims. The policy shall be communicated to all staff and students as every person is responsible for ensuring that energy is not wasted because of an individual's actions.

The Higher Education sector has an overall target to reduce carbon emissions by 43% by 2020 based on a 2005 baseline.

The carbon management plan contains overarching targets for carbon emission reduction and a process to review these annually. Energy use in the estate accounts for the majority of our operational carbon footprint, as such, we will work to reduce energy consumption year on year.

The energy management policy, plans and performance will be continually developed and reviewed annually as part of the energy management system to ensure it remains fit for purpose and is aligned to the objectives of the University. This will be governed by the carbon management steering group.

3. ENERGY MANAGEMENT

Through the implementation of this policy, we will:

- make our buildings more energy efficient
- use energy more smartly in the way we operate
- embrace renewable energy sources
- ensure everyone is aware of their own impact on energy use

Performance of the estate will be monitored regularly and reports created for energy, costs and carbon emissions. In addition, consumption reduction targets will be developed for each building and monitored against use. Operational targets will be set on kWh/m² basis and reviewed.

Trends of energy consumption will be monitored and variances will be investigated. This will be done by creating expected consumption profiles for our portfolio down to building level, where possible, and comparing the actual usage against it. Monitoring will also be put in place for areas of specific abnormal use such as laboratories, catering units or data centres.

Potential projects for reducing energy consumption will be identified and prioritised with estimated costs and payback savings. Investment appraisals will be carried out on a life-cycle basis at key stages of energy conservation projects and energy management initiatives. The effectiveness of projects on energy saving will be monitored.

All new build and major refurbishment projects will contain an appraisal of appropriate building materials and technologies to achieve minimal environmental impact throughout the lifetime of the building, where appropriate. New build, major refurbishments and fit-outs will be designed to achieve a BREEAM 'Excellent' rating or equivalent where possible, and where appropriate.

Energy performance targets will be established and monitored regularly to review design choices.

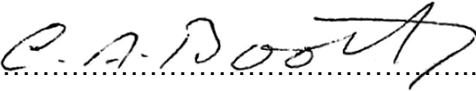
4. COMMUNICATIONS

Awareness raising activities will encourage staff and building users to recognise their potential contribution and reinforce the message of the importance of a sustainable University.

Along with energy management performance figures being published in the University's Annual Sustainability Report, relevant reports will be provided to areas and Directorates regularly to demonstrate on-going success and the effects of energy saving efforts.

Display Energy Certificates are displayed in key buildings accessed by students and members of the general public.

Approved by 

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May 2011
Reviewed within the Energy Management System annually.