



Owner:	Sustainability Committee
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ENERGY AND WATER POLICY

1. SCOPE AND PURPOSE

- 1.1 This policy is applicable to any member of BU staff, students, external contractors and other relevant stakeholders.
- 1.2 This Policy sets out BU's commitment to robust and sustained energy and water management practices and continual improvement in energy and water performance.
- 1.3 BU's goal is to manage its energy through an Energy Management System (EnMS) certified to ISO50001 and water through its ISO14001:2015/EcoCampus Platinum certified Environmental Management System (EMS).
- 1.4 The scope of this Policy is all grid electricity, natural gas, onsite renewables (Solar PV & biomass), low carbon technologies (GSHP & CHP), water (including rainwater harvesting) supplied to and used in buildings at Bournemouth University Talbot, Lansdowne and Yeovil campuses and Student Village hall of residence.
- 1.5 This Policy forms part of BU's commitment to implement a Carbon Management Plan (CMP) to cut its carbon emissions and contribute to achieving the UN Sustainable Development Goals.

2. KEY RESPONSIBILITIES

- 2.1 The Chief Operating Officer, on behalf of BU's leadership team, has responsibility for overseeing the implementation of this Policy and embedding sustainability in the organisation.
- 2.2 The Sustainability Committee, which reports to the University Leadership Team, has overall responsibility for implementation and monitoring of this policy. Day to day responsibility lies with the Sustainability Team.
- 2.3 All staff, students and visitors have a responsibility to adopt behaviours to minimise the use of energy and water.

3. LINKS TO OTHER BU DOCUMENTS

- 3.1 Bournemouth University Sustainability Policy
- 3.2 Bournemouth University Carbon Management Plan
- 3.3 Bournemouth University Sustainable Construction Policy
- 3.4 Bournemouth University Sustainable Procurement Policy
- 3.5 Bournemouth University Sustainable IT Policy

4. OVERVIEW

- 4.1 Bournemouth University is a large and complex organisation and is committed to maintaining and wherever possible, enhancing, the quality of this environment, both for people who live and work in the University and for the wider community.
- 4.2 Bournemouth University recognises that its activities have an impact upon the environment at local, regional, national and global levels and acknowledges a responsibility for the protection of the environment and the health of its members and the community.

5. AIMS

The University is committed to:

- 5.1 Complying with, and where appropriate, exceeding applicable energy and water compliance obligations relevant to its operations.
- 5.2 Implementing an EMS and EnMS to manage its energy and water consumption and drive continual environmental improvement.
- 5.3 Providing a high quality work and study environment to support the health and wellbeing of staff and students.

6. OBJECTIVES

This Policy provides the framework for setting and reviewing environment and sustainability objectives. The University is committed to achieving sustainability good practice throughout its activities by:

- 6.1 Including energy and water considerations in strategic decisions made by BU for its estate and infrastructure.
- 6.2 Aiming to maintain working time heated space temperatures of between 19°C and 21°C in all its buildings with the exception of areas not used as an office, accommodation or teaching space (i.e. plant rooms, circulation spaces, staircases etc.). The minimum maintained temperature for all work spaces will be no less than the statutory minimum (16°C).
- 6.3 Only providing temporary portable heating and cooling equipment where the space temperature conditions require such intervention and following investigation of options. Any non-Estates approved equipment will be removed.
- 6.4 Engaging staff and students to take personal responsibility for the efficient use of energy and water.
- 6.5 Promoting research related to energy and water management and contributing to BU's strategy.
- 6.6 Implementing a CMP to deliver a 40 per cent reduction in carbon emissions by 2020/21 based on a 2005/06 baseline.
- 6.7 Reusing water where practicable and installing rainwater harvesting technologies in building developments.

- 6.8 Maintaining equipment and services to be as efficient as possible and minimise energy and water use during their lifetime.
- 6.9 Optimising the operation of buildings to make them as efficient as possible and provide comfortable conditions for building users.
- 6.10 Only providing air cooling/conditioning where the use of the space fully justifies its use.
- 6.11 Maintaining and validating the Automatic Metering Reading (AMR) system to provide robust and accurate energy and water data.
- 6.12 Measuring, monitoring, analysing and reporting on energy and water consumption to identify issues, opportunities for savings and quantifying the savings made from projects.
- 6.13 Acquiring all electricity from renewable sources, either through the purchase of renewable energy, or through an increased use of on-site renewables to reduce dependence on fossil fuels and increase energy security.
- 6.14 Investigating the potential for reducing dependence on natural gas through the provision of low and zero carbon sources.
- 6.15 Incorporating the principles of Sustainable Laboratories (S-Lab), where appropriate, in the design and operation of wet laboratories to deliver energy and water savings.
- 6.16 Implementing a sustainable procurement policy and using a life cycle analysis to buy energy and water efficient products.
- 6.17 Continuing to invest in IT infrastructure to reduce energy consumption.
- 6.18 Implementing a sustainable construction policy to design, build and maintain an energy and water efficient estate and adopt the mean-lean-green philosophy to minimise the demand for energy and water resources.
- 6.19 Working with suppliers and contractors to ensure they comply with this policy and manage their activities to minimise energy and water use.
- 6.20 Working in partnerships with the local community, the High Education Sector and other key stakeholders to share good practice and implement and celebrate sustainable development.

Procedures

7. PROCEDURES

- 7.1 Energy and water operational control procedure.

General

8. REVIEW

- 8.1 The University will review and publish this Policy on an annual basis and ensure corrective actions have been taken to drive continual improvement.

9. APPENDICES

- 9.1 None

10. SIGNATURE

Jim Andrews
Chief Operating Officer
September 2018