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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 including SUBU, BUCB and tenants occupying BU buildings.
- 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 and the Environmental and Energy Management System (EEMS).
- 1.3** BU’s goal is to manage its energy and water through an EEMS certified to ISO14001:2015/EcoCampus Platinum and ISO50001:2018.
- 1.4** The scope of the Policy is the provision of a fused experience of education, research, professional practice and related support services at Bournemouth University Talbot and Lansdowne campuses, University Centre Yeovil, Chapel Gate sites, Student Village and Unit 5, Drewitt’s Industrial Estate. Not included in the Scope are satellite sites, Uni-lets and privately run halls, although BU will use its influence with the building owners to support continual environmental and energy improvement.
- 1.5** This Policy covers all forms of energy and water types used within BU’s EEMS scope and boundaries. The energy types are recorded in the annual ISO50001 Energy Review.
- 1.6** This Policy forms part of BU’s commitment to implementing the CECAP to help achieve net zero emissions by 2030/31 against the 2018-19 baseline 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 Executive Team, has overall responsibility for implementation and monitoring, of this policy. Day to day responsibility lies with the Energy Team (Energy Manager, Energy Officer and Sustainability and Energy Analyst).

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 EEMS

3.2 Bournemouth University Sustainability Policy

3.3 Bournemouth University Climate and Ecological Crisis Action Plan

3.4 Bournemouth University Sustainable Construction Policy

3.5 Bournemouth University Sustainable Procurement Policy

3.6 Bournemouth University Sustainable IT Policy

3.7 Bournemouth University Travel Plan

3.8 Bournemouth University Design Standards

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 EEMS to manage its energy and water consumption and drive continual improvement.

5.3 Ensuring the availability of information and necessary resources to achieve objectives and energy targets.

5.4 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 objectives and energy targets. 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 during opening hours 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 the CECAP to help achieve net zero emissions by 2030/31 against the 2018-19 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** Collecting, validating and recording meter reads, invoice information and other relevant energy and water data.
- 6.13** Measuring, monitoring, analysing and reporting on energy and water consumption to identify issues, opportunities for savings and quantifying the savings made from projects.
- 6.14** Acquiring all electricity from renewable sources, either through the purchase of renewable energy using Green or Zero Carbon Tariff's or Power Purchase Agreements (PPA's), or through an increased use of on-site renewables to reduce dependence on fossil fuels and increase energy security.
- 6.15** Reduce dependence on natural gas through the provision of low and zero carbon heat sources and development of BU's Heat Decarbonisation Plan (HDP).
- 6.16** Incorporating the principles of Sustainable Laboratories (S-Lab), where appropriate, in the design and operation of wet laboratories to deliver energy and water savings.
- 6.17** Implementing a sustainable procurement policy and using a life cycle analysis to buy energy and water efficient products.
- 6.18** Continuing to invest in IT infrastructure to reduce energy consumption.
- 6.19** Implementing a sustainable construction policy and BU Design Standards 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.

- 6.20 Working with suppliers and contractors to ensure they manage their activities to minimise energy and water use.
- 6.21 Working in partnerships with the local community, the Higher Education Sector and other key stakeholders to share good practice and implement and celebrate energy and water efficiencies.

Procedures

7. PROCEDURES

- 7.1 Energy and water Management procedure (BUEEMSOP003).
- 7.2 Utility Monitoring Measurement and Analysis procedure (BUEEMSOP016)

General

8. REVIEW

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

None

10. FEEDBACK

To provide feedback on this policy please email sustainability@bournemouth.ac.uk

11. SIGNED

Sustainability Committee. 22.10.2024.