

Committee Name	University Leadership Team
Meeting Date	
Paper Title	Sustainability Strategy Group Annual Report
Paper Number	<i>To be completed by ULT Secretary</i>
Paper Author/Contact	Dr Neil Smith, Sustainability Manager
Purpose & Summary	<p>For information.</p> <p>The annual report (See Appendix A) summarises the progress made by the Sustainability Team working with staff and students to embed sustainability across the University during 2016/17. The report covers the period 1st August 2016 to 31st December 2017. Data is reported for the 2016/17 academic year, as reported as part of the Estates Management Return (EMR).</p> <p>The format of the report has been changed to retrospectively report progress against the UN Sustainable Development (SD) Goals and to make it more digestible. The development of BU2025 and the sustainability plan has been heavily influenced by the UN SD Goals.</p> <p>Overall, there has been much to celebrate over this period, and in particular achieving 11th place in the People and Planet University League and certification to the new ISO14001:2015 standard. In addition carbon emissions continue to decline, despite a full year of the Fusion building opening. The key outcomes are shown in bold.</p> <p>ULT members are asked to circulate the report to their staff for information.</p>

	The SSG reviewed and approved the Annual Report on 30 th January 2018.
Decision Required of the Committee	To note the progress in the SSG Annual Report.
Strategic Links	E2B. Maintain BU's excellent credentials in all aspects of environmental management, including waste management, and water reduction. E2A. Reduce our carbon footprint. E2C. Be recognised as an organisation with strong corporate social responsibility. C5 Ensure our graduates are culturally aware and internationally mobile S2C Recognise the role of education in the development of society. C3C. Contribute to the economic, cultural and social development.
Implications, impacts or risks	<p>The SSG has adopted the UN SD Goals as a powerful tool to help embed sustainability across the institution. The SDGs have been promoted as part of the development of BU2025 and sustainability is one of the key impact areas for the new strategy. The SSG is using the SDGs to communicate and engage with staff and students to help them take positive actions in their personal and professional lives and so help achieve environmental and social goals.</p> <p>BU continues to make strong progress in reducing its environmental footprint whilst also enhancing its estate to support learning and research. Progress has also been made to ensure Education for Sustainable Development is embedded in the curriculum.</p> <p>BU continues to invest in low and zero carbon technologies and the benefits of this approach are seen in the static electricity consumption and reduced carbon emissions, despite the opening of the Fusion building. Further investment in the estate and influencing staff and student behaviours is necessary to continue to make progress towards the 40% carbon emissions reduction target by 2020/21, although there is some risk this target will not be met (as reported in the annual Carbon Management Plan report).</p>
Equality Analysis	An Equality Analysis has not been undertaken in the development of this paper.
Confidentiality	None

Appendix A SSG Annual Report

BOURNEMOUTH UNIVERSITY

UNIVERSITY LEADERSHIP TEAM

February 2018

For information.

Sustainability Strategy Group Annual Report

1. Introduction

This report summarises the progress made by the Sustainability Team working with staff and students to embed sustainability across the University during 2016/17. The report covers the period 1st August 2016 to 31st December 2017. Data is reported for the 2016/17 academic year, as reported as part of the Estates Management Return (EMR).

The format of the report has been changed to retrospectively report progress against the UN Sustainable Development (SD) Goals and to make it more digestible. The development of BU2025 and the sustainability plan has been heavily influenced by the UN SD Goals.

Overall, there has been much to celebrate over this period, and in particular achieving 11th place in the People and Planet University League and certification to the new ISO14001:2015 standard. In addition carbon emissions continue to decline, despite a full year of the Fusion building opening.

ULT members are asked to circulate the report to their staff for information.

2. Annual report

The report is detailed below.

3. Forward look

- Travel plan refresh
- Staff travel survey
- ESD focus through NUS Teach in initiative and work with CEL on course ESD assessment
- Install PV array on PH flat roof
- Deliver IT Comms rooms & data centre energy saving solutions
- Promote Green rewards with a target to achieve at least a 33% sign up
- Review Energy and Water management and investigate achieving the Energy Management Standard (ISO50001)
- Investigate opportunities to phase out single use plastic in catered areas
- Celebrate the achievements of the 13 Green Impact teams
- Support the students' Green Week
- Investigate options for increasing TC energy resilience
- Complete SC optimisation project and apply lessons to other buildings
- Ethical investment policy review and approval
- Continuing support for EDF1 & 2 programmes

Topic	UN SD Goal	KPI	Target	Progress
ESD				<ul style="list-style-type: none"> Three winners of ESD competition. This year academics were asked to show how their course met the UN SD Goals. Green Gown Finalist for lecturer Annie East (Media and Communication), ‘Greening the screen: facing the challenge of embedding education for sustainable development into higher education media production courses’. Working with CEL to develop approach to embedding sustainability in the curriculum.
Carbon Management		20% reduction in carbon emissions in 2016/17 compared to baseline (2005/06)	CMP target – 40% reduction by 2020/21 compared to 2005/06 baseline	<ul style="list-style-type: none"> Continuing reduction in carbon emissions through investment in the estate and increased decarbonisation of the UK’s electricity grid. Installation of PVs on waste compound & bus hub Continuing installation of LED lighting across the estate. In 2016/17 aiming to install 712 LEDs in EBC to deliver an estimated saving of 43,500 kWh per annum. Installation of new boilers in Christchurch and Dorset Houses. Installation of energy conservation measures, such as new pumps and a chiller unit, in Poole and Weymouth Houses. Working in partnership with SUBU, Accommodation team and NUS to deliver Student Switch Off project to engage students in saving energy in halls. In 2016/17, 510 students signed up to the project and helped reduce electricity use by 2.7% (12 tonnes of CO2e). Slippage with some carbon projects, such as IT comms and data centres and student centre optimisation, due to staff workload and conflicting work priorities.
Energy		In 2016/17, onsite renewable energy production was 4.2% of total energy	Approved targets for electricity produced from PVs:	<ul style="list-style-type: none"> No change in electricity consumption between 2015/16 and 2016/17 despite addition of Fusion building. Increase in gas use (21%) in 2016/17 compared to 2015/16 due to a colder year and inclusion of Fusion building for the full operational year. 89% increase in PV contribution In 2016/17, building Display Energy Certificates (DECs) average rating was a ‘C’.

		use; a slight decrease from 4.8% in 2015/16.	2020 – 500 kWh 2025 – 1000 kWh	
Water		In 2016/17, 3% reduction in water use compared to 2015/16		<ul style="list-style-type: none"> Action taken to reduce excessive water use in EBC. 'Stop the Drop' water saving campaign to encourage students to report faults, such as dripping taps.
Waste & recycling		In 2016/17, recycling rate of 56.5%	60% recycling by July 2018	<ul style="list-style-type: none"> Small decrease in recycling compared to 2015/16 (58.5%) due to the ongoing issue with the waste contract, as Suez do not recover any recyclable materials from the general waste compared to the previous contractor. 'The Big Give' project continued to be a bigger success, by encouraging students living in Winton and Charminster and University halls of residence, to recycle and donate items when they leave their accommodation for summer. In 2016/17 this initiative also generated over £40k for the British Heart Foundation.
Sustainable procurement				<ul style="list-style-type: none"> Introduction of LCA process to ensure any purchase above £25k takes account of environmental and social issues. Sustainable Communications and Print Plan approved to encourage staff to reduce the amount they print and, where they do print, to use recycled paper.
Biodiversity				<ul style="list-style-type: none"> Wildflower area seeded and successful (summer 2017) Landscape project completed including Christchurch House planting with link to SciTech education and research. Additional bee hive installed on TC to contribute to education/research Fusion partnership between SciTech, Wurzburg University and sponsorship by Organics. 'Conservation Rangers' (partner project with the RSPB), included a really successful student engagement project at the Kingfisher Barn in Muscliff. Green

				<p>Gown Finalist for SUBU project, 'Down by the River – BU students connecting the local community to wildlife'.</p> <ul style="list-style-type: none"> ▪ Slades Farm Community Garden Project - adjacent to Talbot Campus, bio-diverse gardening and wildlife maintenance.
Transport		<p>Student Travel Survey: 6% of students travelling to campus by car alone.</p>	<p>2018 target is 5% of students travelling by car alone.</p>	<ul style="list-style-type: none"> ▪ UNIBUS service provided over 1 million passenger journeys for the first time (8% passenger growth in 2016/17 compared with the previous year). ▪ New bus hub complete to provide high quality bus facility for UNIBUS passengers. ▪ BU Lift share scheme re-launched – 160 new members joined in 2017. ▪ New Forest Bike project recycled and 75 abandoned bikes. Bikes refurbished and sold on campus to students. ▪ BU won the Bournemouth Commuter challenge held by the local authority. ▪ Electric bike loan scheme launched – 15 members of staff borrowed the bike with 1/3 going on to purchase an electric bike. ▪ 30 active travel lockers purchased and installed with funding from a local authority grant. ▪ 19 additional motorised two wheel parking bays provided at Talbot Campus in response to increase in motor cycle users.