

Environmental Report *2018-2019*

Introduction



2018/19 has continued to provide welcome opportunity and increasing challenge for our sustainability journey at Sheffield Hallam University, with the ever increasing need to prioritise our actions, ensuring authenticity, positive impact and inclusivity. We have realised some notable achievements this year as we continue to embed environmental management and practices across the organisation.

We have continued to integrate and develop our environmental and energy management systems, consolidating our activity into a refreshed environmental policy and supporting three-year plan (2017 to 2020) to ensure we meet our 2020 targets. As an organisation we remain committed to actively working towards delivering on the United Nations Sustainable Development Goals (SDG's). This approach contributes to the provision of an outstanding sustainable environment in which to study, research and work; a key commitment in the University's strategy.

Our key successes this year are celebrated in the report and include maintaining our ISO14001 and ISO 50001 external accreditation and recognition for what has now amounted to eight consecutive years, with an evidenced focus on continued improvement towards the reduction of our key environmental impacts. This year also provided us with further opportunities to widen our influence and collaborate externally with Sheffield City Region, Climate Communications Hub initiatives and others, underpinning our focal position within the community and our commitment towards positive social impact.

Looking ahead, 2019/20 will see us reach the final year of our current environmental plan and we will commence the development of our new and ever more ambitious Environmental Plan 2020 to 2030; community-wide consultation and engagement will be key, ensuring that this pivotal moment for the University's environmental aspirations will provide the focus and drive for the future, setting stretching and long term targets, which will enable us to operate ever more sustainably and be Net Zero Carbon Ready. Now more than ever, we cannot become complacent and will always seek to improve our programme and minimise our environmental impacts. We will explore other opportunities linked to the University Strategy, to further embed sustainability within the curriculum and research projects, working towards addressing the critical challenges the future will bring and fundamentally working together to reduce the detrimental environmental impacts we all make.

Mark Swales
Chief Estates and Facilities Officer

How We Manage Our Environmental Performance

Sheffield Hallam University has been accredited to two internationally recognised standards for the past 8 years, ISO 14001 and ISO 50001 which underpin and ensure that the University manages its environmental and energy risks and impacts, driving continual improvement.

Spanning all areas and activities within the University – risks are identified by local managers and trends are collated university wide to maintain a cohesive approach. The Environmental Policy commitments are aligned to the most significant university wide risks and impacts and through the more detailed supporting Environmental Plan, these have timebound improvement targets which are reviewed year on year. This report includes progress against these key policy commitment targets for the 2018/19 year.

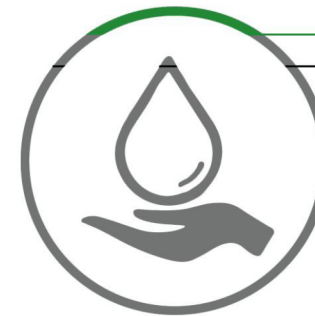
Performance against environmental targets 2018/19



100% Certifications Maintained
ISO 14001:2015
ISO 50001:2018

CONTINUOUS IMPROVEMENT

Sheffield Hallam University was recommended for certification against ISO 50001:2018 in January 2019 - a milestone in terms of embedding sustainable values across the organisation.



2018/19 Progress:
7.4% Reduction

2020 Target:
15% Reduction

WATER MANAGEMENT

This was the biggest reduction in water use since 2015/16 - further reductions will be set as challenges in the new Environmental Plan in 2020.

ENERGY MANAGEMENT

This year saw a reduction in energy use equivalent to the consumption of 47 average houses - contributing to a decrease in emissions of over 2,600 tCO2e.



2018/19 Progress:
28.7% Reduction

2020 Target:
30% Reduction

SUSTAINABLE BUILDINGS

The principles applied in the construction of the National Centre of Excellence for Food Engineering and the Advanced Wellbeing Research Centre demonstrate the University's utilisation of environmentally efficient procedures.



2 New BREEAM Excellent Buildings
Sustainability embedded in Campus Masterplan



2020 Target:
40% Reduction

2018/19 Progress:
46.3% Reduction

WASTE MANAGEMENT

Recycling increased to 28% this year. Other waste is incinerated to provide heat - Sheffield Hallam is a zero-to-landfill university.



SHU purchases all green energy for its buildings

SHU is working to embed sustainability into its procurement activities

SUSTAINABLE PROCUREMENT

Sheffield Hallam University's procurement program includes the use of locally sourced materials and sustainably sourced timber - along with fair payment for local employment.

TRANSPORT MANAGEMENT

Distances travelled in cars and vans decreasing by over 21% contributed to this reduction in emissions - behavioural change and investment in low-emission fleet vehicles have been key.



2018/19 Progress:
16.8% Reduction

2020 Target:
25% Reduction

GREEN INFRASTRUCTURE

Recommendations from the University's annual biodiversity survey are disseminated to assist in the management of University estates where flora and fauna can prosper.



2018/19 Progress:
24% Increase in Species

2017 Baseline:
220 Different Species on site

Successes in 2018/19

At Sheffield Hallam University, people are always looking for ways to improve our performance on sustainability, and we think it's important to highlight the milestones that illustrate the successes that our initiatives have achieved.

The new cycling hub was opened at City Campus in August 2019 and has received an enthusiastic response. Its introduction encourages sustainable travel to and from the University, and its use especially tackles the issues of emissions and congestion caused by single-occupant car journeys. The cycle hub provides a secure covered space for 60 bicycles, and complements the existing 600+ cycle spaces at and around the University's two main City and Collegiate campuses.

SHU has achieved in lessening the environmental impact of the University, with ongoing improvements being made in the management of energy, waste and transport.

SHU's Green Champions network consists of over 120 staff volunteers, who take the time to promote and share sustainable initiatives within and beyond their various teams and faculties. Each Green Champion pledges to make their workplace a



SHU was awarded Gold in the Sustainability Leadership Scorecard by the Association of University Directors of Estates (AUDE), a process commissioned to benchmark sustainability across the higher education sector in incorporating the Sustainable Development Goals provided by the Environmental Association for Universities and Colleges (EAUC) and AUDE. The University scored convincingly in 'Leadership and Governance' due to entrenching the ISO 14001 (Environmental) Management System throughout the University. Our peak individual grading was in the 'Food and Drink' category which is one of the fundamental matters of environmental management at SHU; last year's Green Gown Award, announced in November 2018, was also presented to us for work in this area.

The Green Gown Award and the effectiveness of the Environmental Auditing and Management Systems were also noted by the BSI auditors who in January 2019 visited to audit against ISOs 14001 (Environmental) and 50001 (Energy). The Management System had been successfully updated to address the new revised standard of ISO 50001:2018. The auditors were impressed with the considerable progress

more sustainable environment. They lead by example by recycling, encouraging colleagues to switch off equipment that's not in use and spreading the word to help maintain the University's enthusiasm for supporting sustainability.

Of course, Sheffield Hallam University is first and foremost a place of learning. The University continues to find new ways to engage the students and integrate sustainability into its curriculum through guest lectures, real world examples and engagement with its academics through course leader events.

Sheffield Hallam University maintained its 2:1 grading in the People and Planet University League, the assessment of sustainability in the UK's universities, staying in the top 3rd of their league table. Universities are marked in the same fashion as a student's degree, so 2:1 is the second-highest grade available. The marking included a 100% score for SHU's Environmental Auditing and Management Systems, an illustration that Sheffield Hallam is intent on maintaining and improving its high performance standards on environmental issues.

Environmental Plan 2020-2030

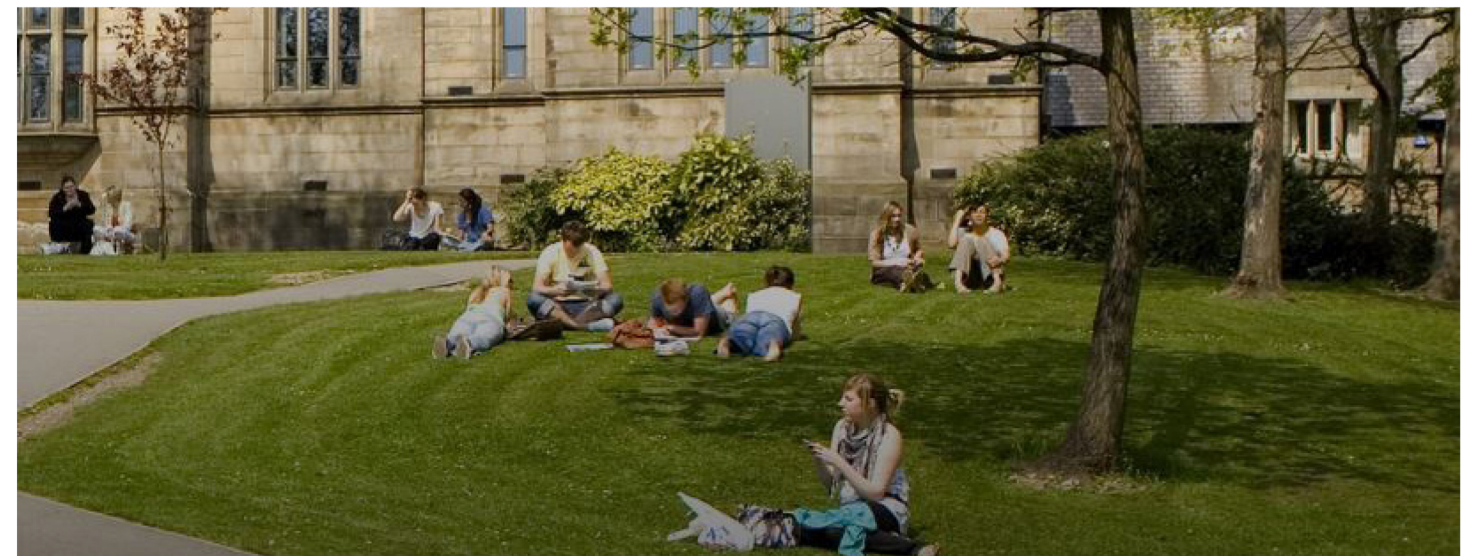
In anticipation of the culmination of SHU's current Environmental Plan in 2020, work has begun on its successor. The next plan will run for ten years up to 2030, allowing the University to set ambitious targets with a longer view than the current plan's three-year duration.

The plan that has been in place since 2017 has driven initiatives across the University to realise improvements in performance and behaviours regarding environmental issues. Targets relating to efficient and cleaner waste disposal, increased recycling and tackling emissions resulting from commuting have been exceeded and are on course to continue that way into 2020.

Good progress has been made in the reduction of energy consumption, the use of water and emissions created by the University's own fleet vehicles. Maintaining

apparent from the conversations that take place across the faculties and services that there's a palpable sense of collective responsibility for the University's environmental performance which is reflected in behaviours large and small. From one person taking a department's compostable waste away with them to a University-wide push to reduce the amount of printed pages that are produced, initiatives that contribute to the plan's successes are visible to all who work at or visit Sheffield Hallam.

New objectives will be set in 2020, aligned to the University's most potentially significant environmental impacts to be



SHU's accreditation of our environmental and energy management systems to ISOs 14001 and 50001 is not only a target in itself, but acts as the impetus to propel our commitments to sustainability to new levels.

The University's Environmental Compliance Service carries out regular departmental audits across Sheffield Hallam to ensure that environmental and sustainable performance is in line with government legislation and our own policies. It's

achieved in the following decade. While the intention is that these targets must be challenging, they must also be achievable. That doesn't mean that our sights should be lowered; the requirement is for the results from the last three years to be analysed to see realistically how the University can give a better performance. Along with the ongoing assessment of environmental risks carried out across the University, we can start to identify what tools and guidance staff and students need in order to achieve the targets that will be put in place.

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Certification No: 571573



Certification No: 574503



Certification No: 643589