

# Sustainability Highlights Report 2015-16

Think **green**,  
act **green**.



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*University of*  
**HUDDERSFIELD**

## Environmental and Social Sustainability

The University continues its commitment to principles of Sustainable Development and Environmental protection.

The university continues to implement its Environmental Policies and work with its partners to ensure that all facets of Sustainable Development are accounted for in its activities.

### Energy and Carbon

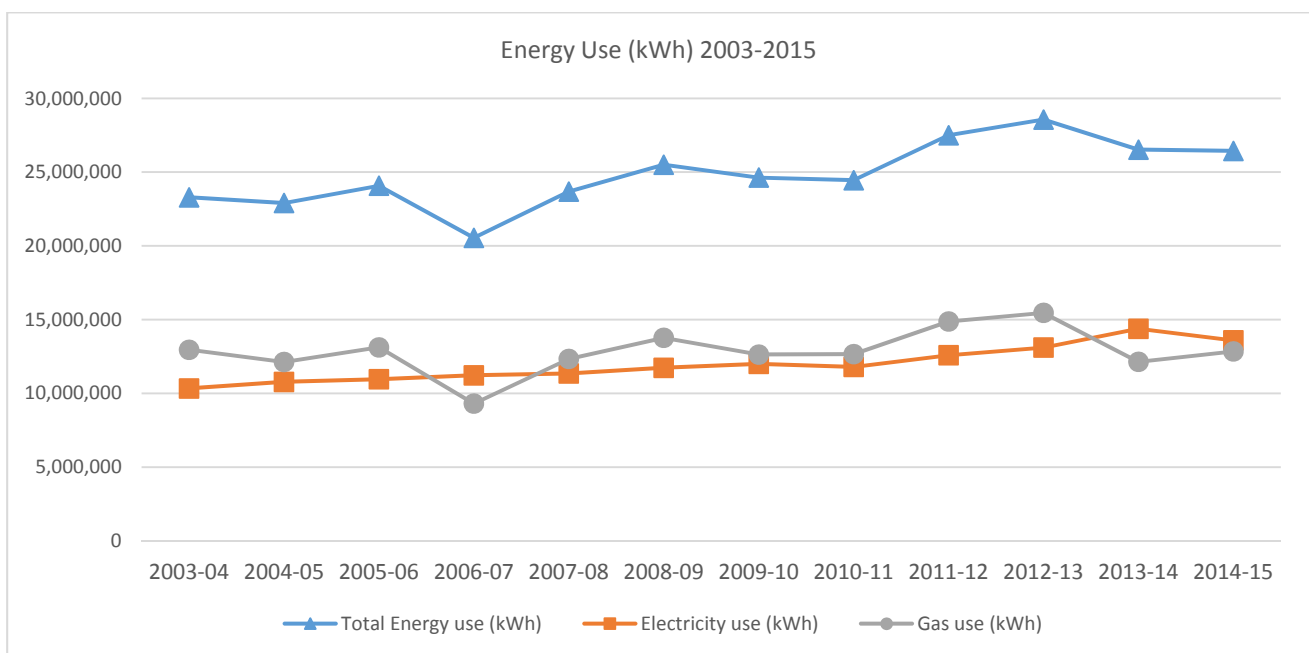
The Estates Carbon reduction budget has continued to be utilised for energy intervention projects including major LED replacement schemes in the Library and Harold Wilson building.

Smaller scale LED replacement projects have also taken place in the Sir Patrick Stewart Building, Canalside East, Queen Street Studios, Joseph Priestly Building and the Technology Building.

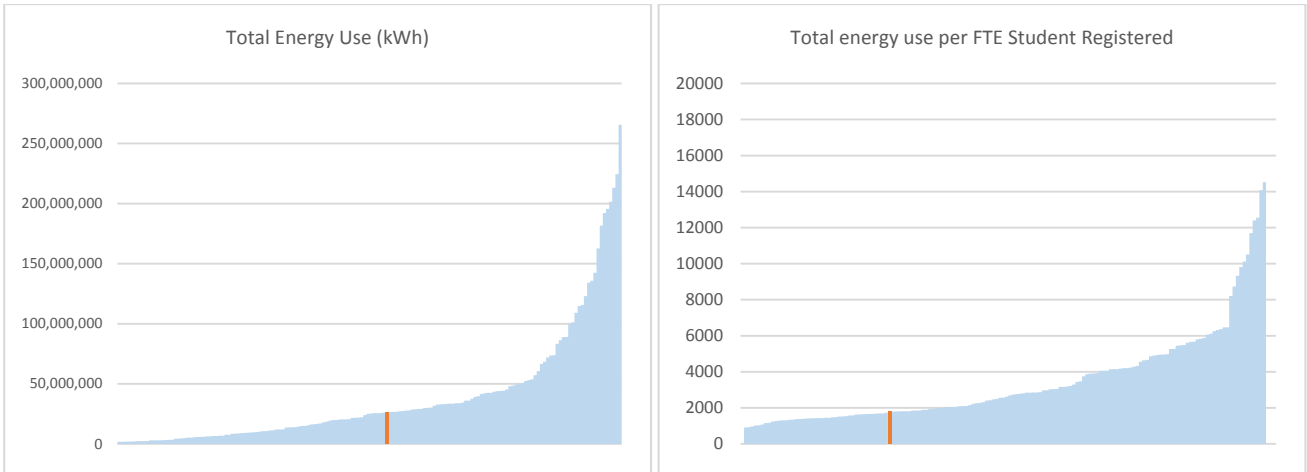
Projects are underway in the Bronte, Harold Wilson and Schwann Buildings to undertake energy surveys and identify energy reductions through the reprogramming of the Building Energy Management Systems. These surveys are being undertaken in conjunction with the recent installation of new, more efficient air handling systems within the buildings and should see significant energy savings.

The upward trend in energy consumption and carbon emissions has begun to slow despite the size of the campus increasing as new buildings and refurbishments come into use. The challenge as the campus develops and increases in size is to improve the performance of existing buildings and ensure new buildings are built to minimise their impact on the environment.

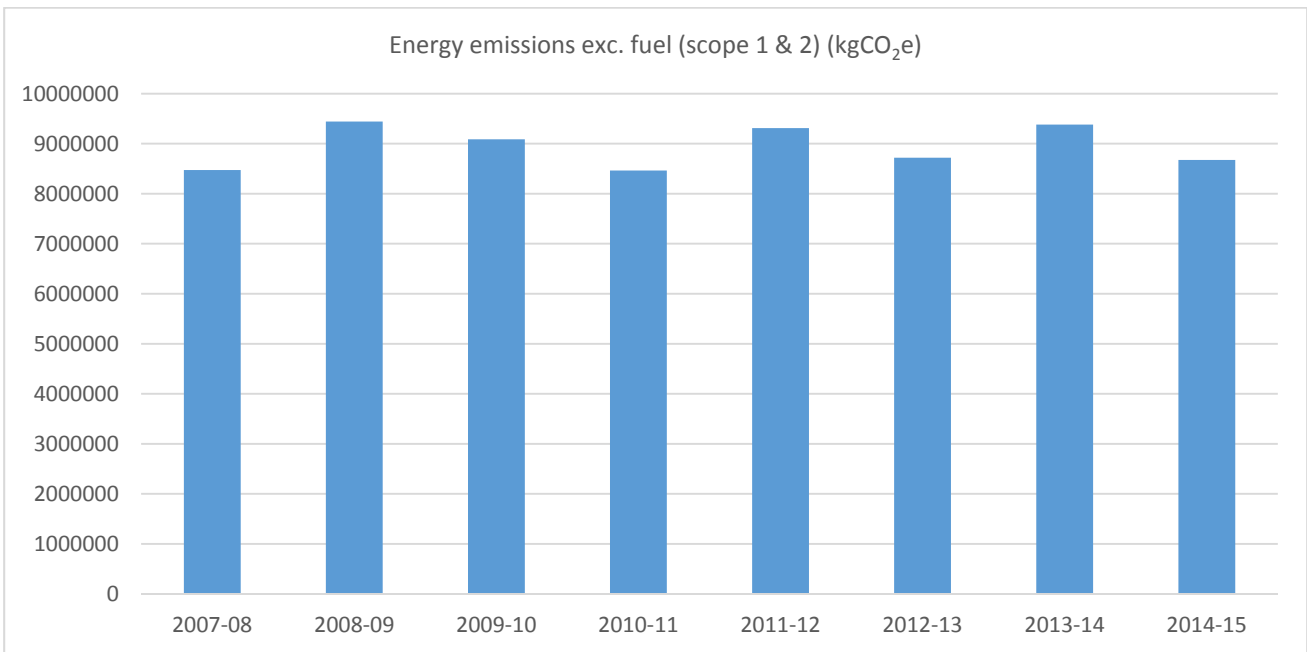
To this end the new Oastler building is being built to EPC A rating and BREEAM Excellent as will future new buildings. Refurbishments will also be constructed to high environmental standards and integrate new technologies to minimise energy consumption.



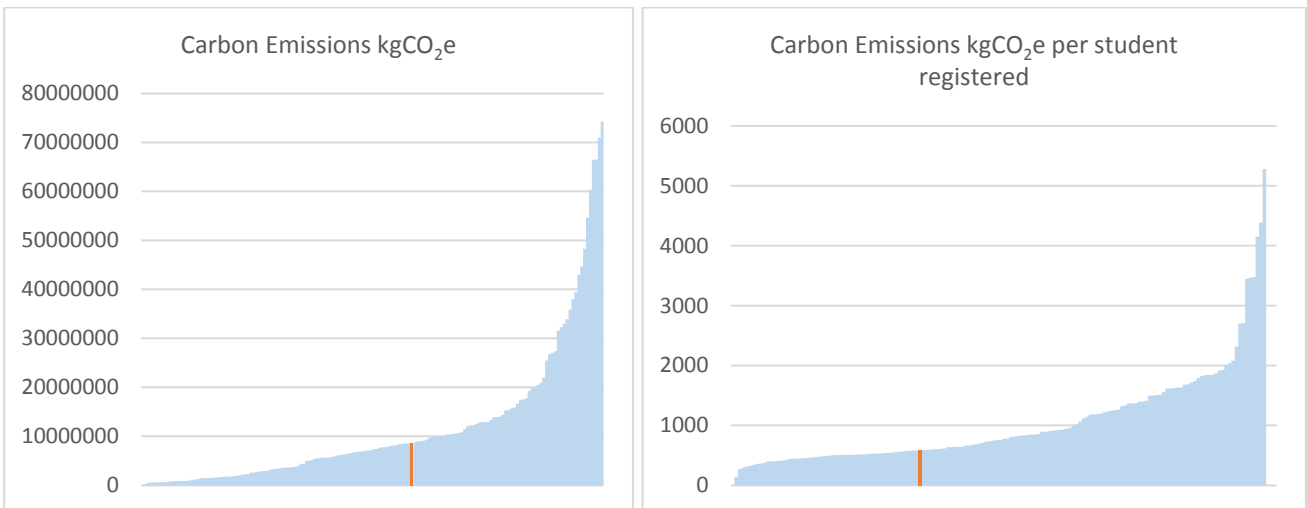
The university sits at the top of the third quartile for Total Energy use in non-residential buildings and towards the top of the second quartile for Total Energy use per FTE student registered.



Carbon Emissions have decreased by 7.5% between 2013/14 and 2014/15 as a benefit of the reduction in electricity use shown above.

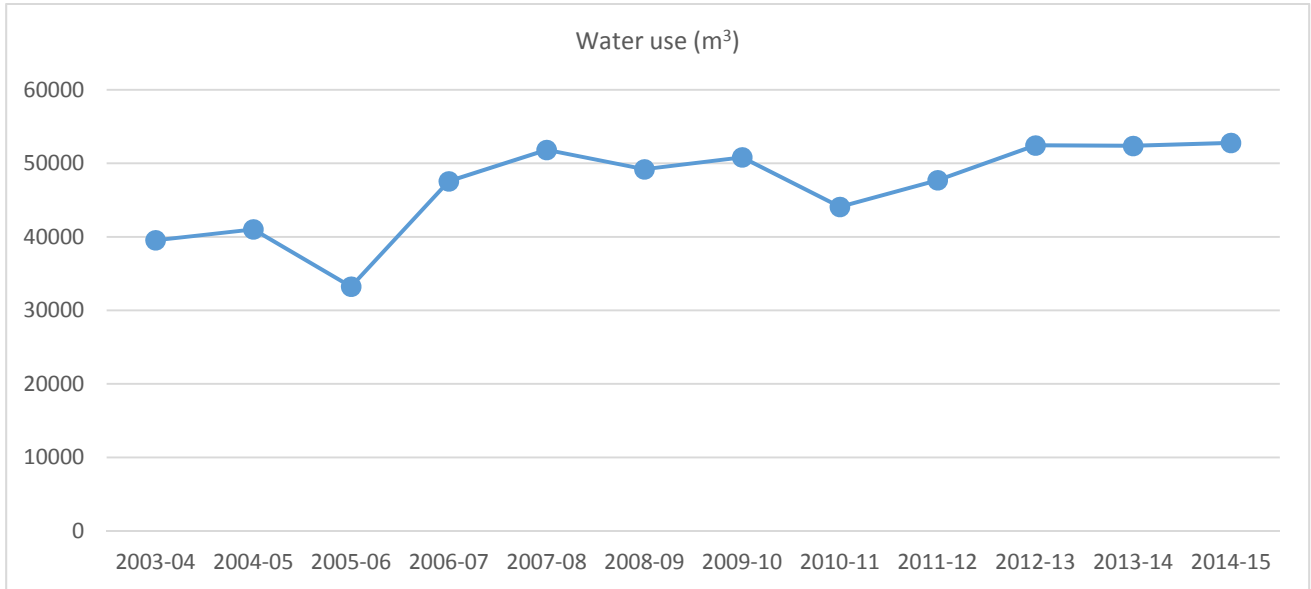


The University is positioned in the third quartile for Carbon Emissions in Non-Residential buildings and in the second for Carbon Emissions per FTE Student enrolled.

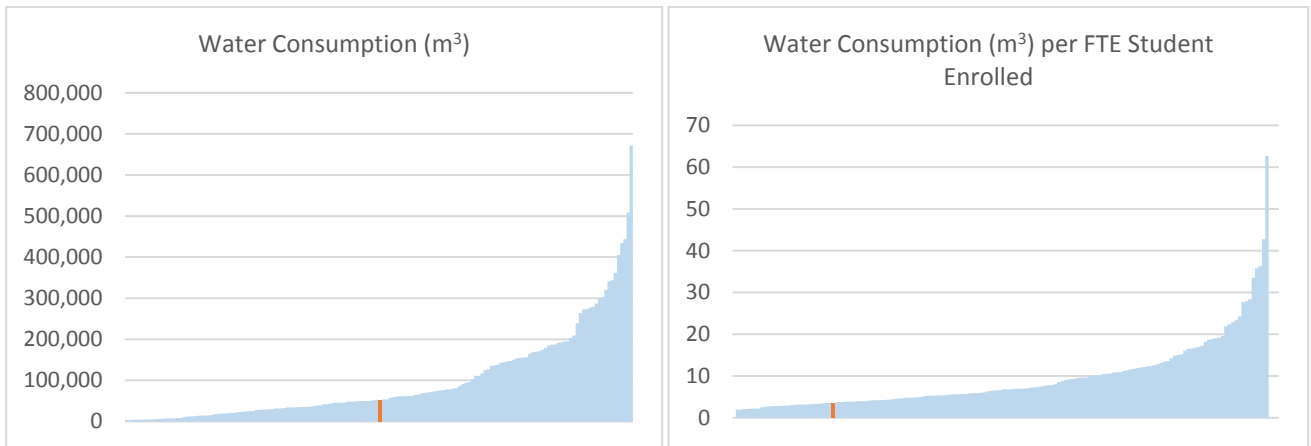


## Water

Water use has stabilised over the last three years and the University continues to implement water conservation measures when undertaking renovations and installation within new buildings. The University has two grey-water harvesting schemes in the Business School and the Creative Arts Buildings and has installed a green roof on the new Student Central building to aid water attenuation and reduce drainage requirements.

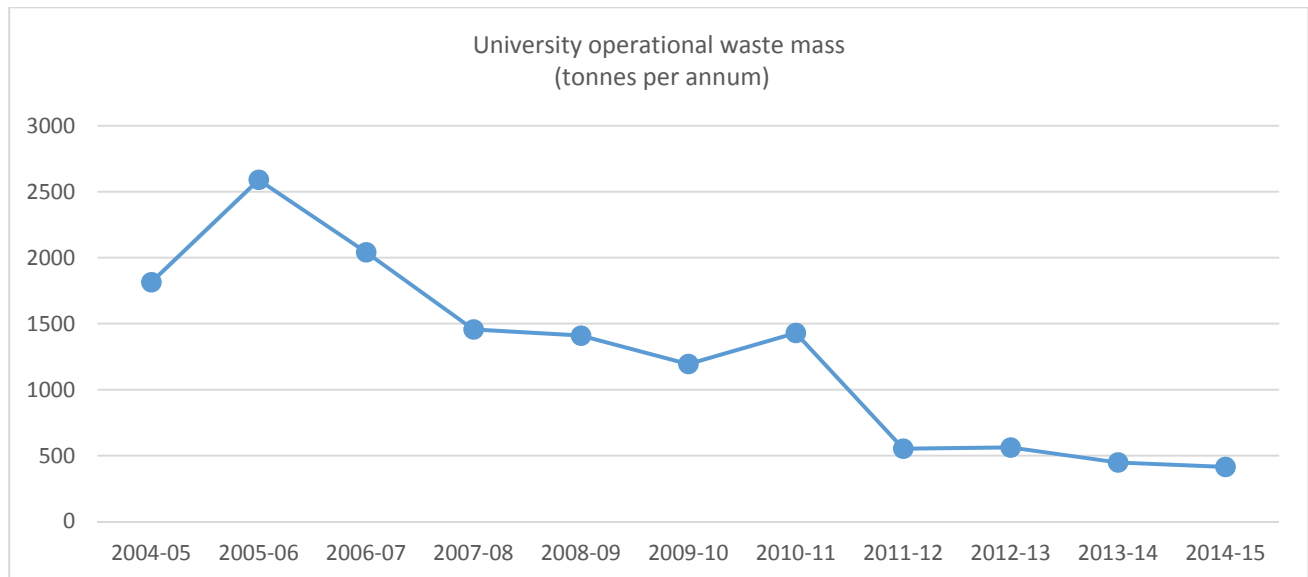


The University has maintained similar performance in comparison to its peers and the previous year with total consumption in the second quartile and water consumption per student in the first quartile.



## Waste

The University has continued its policy of waste minimisation, ensuring waste is diverted from landfill wherever feasible and seeking a high waste recovery rate. We have seen our operational waste mass reduce significantly over the past decade, from around 2,000 tonnes per annum in 2005 to 500 tonnes in 2015.



We have continued to embed waste reduction into a wide range of our activities, from phasing out paper payslips, increasing use of electronic invoicing, managing of our printed prospectus requirements, and making efforts to reuse redundant furniture and equipment by exchanging items within our internal departments.

The University has recently engaged a new waste management contractor and has built in a high level of environmental performance as one of the key requirements for the company appointed. The implementation of the new contract is expected to see increased recycling rates through establishing segregated waste streams, and processing waste at their materials recovery facility located in Huddersfield.

We have provided additional recycling facilities in external areas and are in the process of making improvements to our internal recycling schemes, to allow students and staff in all areas of campus to segregate recyclable materials at source.

## Sustainability Education

The Education for Sustainable Development (ESD) Forum launched in 2012 continues to act a resource for teaching and academic staff to incorporate Sustainable Development materials into their curriculums.

The Teaching and Learning Strategy refers to themes of sustainability, responsibility, global citizenship, interdependence of society, economic prosperity and ethical issues and it sets an objective for all students to reflect on these themes within their studies.

## Sustainability Engagement and Partnership working

The University has engaged directly with the Huddersfield Students Union to support where required their successful application to the Green Impact scheme and to sit on their new Sustainability Committee. The University also supports student groups constituted under the Students Union in their activities including the Students for Sustainability with their awareness raising activities and the HarvestHud food growing society based at Storthes Hall

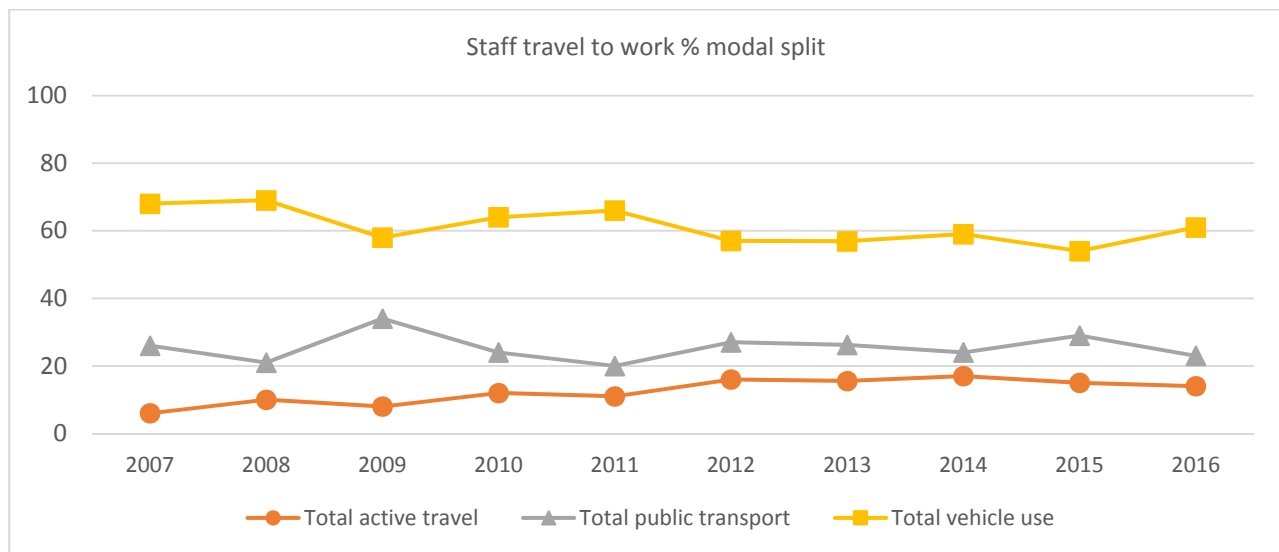
The Huddersfield Active Travel Project in partnership with Sustrans, Kirklees Council and Kirklees College was completed in 2016 after four successful years which included a Sustrans active travel officer embedded on the University campus.

The University continues to engage with the Environmental Association for Universities and Colleges (EAUC) and is active within the newly formed Yorkshire and Humber group which provides opportunities for knowledge sharing and joint working.

The University was also a key partner in developing the Association of University Directors of Estates (AUDE) Green Scorecard with the Director of Estates taking a key role in driving through its development. The Green Scorecard allows universities to set targets and measure progress across a number of environmental key performance indicators.

### Travel

We were one of the first large organisations in Huddersfield to adopt a Travel Plan in 2007. Since its introduction there has been a positive change in the way our staff travel to campus, with a tendency for less use of vehicles and greater participation in active travel such as walking and cycling. There has been a 17% reduction in single occupancy car journeys to campus between 2007 and 2016, from 54% to now 45%.



We continue to improve our monitoring of travel to campus. During 2015-16 we collected our first comprehensive dataset on student commuting, started monitoring the carbon emissions of travel, and mapped journeys across geographical locations. The improved data will inform the next iteration of our Travel Plan expected in early 2017.

We have encouraged sustainable travel through improvements to our infrastructure, information and travel discount schemes. Since the introduction of the Travel Plan we have doubled the number of cycle parking spaces (55 in 2007, to 114 in 2016). During the same period we have also gradually reduced our car parking provision. An exercise was recently undertaken to identify, map and where necessary improve and better promote facilities for cycling and walking to campus.

We continue to offer a number of staff travel schemes, including Metrocard, First Bus passes, Cyclescheme, season ticket loans and Liftshare. Roughly 150 staff (approaching 10% of our workforce) participated in these schemes last year.

We have successfully worked with our partners Sustrans, Kirklees Council and Kirklees College to deliver the Huddersfield Active Travel Project on campus, a 4-year programme delivering engagement activities, customised cycle maps and cycle training.

### Fairtrade

Our achievement of Fairtrade University status in 2009 was described as 'trailblazing for Huddersfield' by the Fairtrade Foundation, and we were central in achieving 'Fairtrade Borough' status for Kirklees in partnership with Kirklees Council. We successfully renewed our Fairtrade University status in September 2014 until 2016 and continue to support a wide range of partners in the Fairtrade Kirklees Forum.