



A UK university is aiming to reduce mains-fed water usage by 2% per annum based on litres per student and increase the proportion of grey water re-used by 2020.

It's all part of an ambitious Sustainability Management Group plan to minimise environmental impact and boost sustainability as part of a corporate strategy.

Background

- A UK university is winning design and sustainability awards and undertaking a £200 million transformation
- Flagship design, system management and sustainability are integral to university culture, operating and the student experience
- The quality of student life is paramount alongside corporate sustainability and environmental impact
- This university wants to advance understanding of the world around us and operate responsibly

Actions

What	Who
Refurbish all WCs for dual flush	Head of Campus Planning & Development
Implement monitoring and targeting software on key metres to accurately measure and report on water usage volume	Carbon Manager
Trial low-water technology for urinals	Head of Campus Planning & Development
Research and project rainwater harvesting system impact starting with new buildings and rolling out to other academic and residential buildings	Carbon Manager
Consider sustainable drain improvements for all new buildings	Head of Campus Planning & Development
Educate campus users about dual flush, 5-minute shower challenge, reporting a dripping tap etc	Sustainability Advisor
Work with the Student Union to promote short showers, turning tap off during brushing of teeth etc	Sustainability Advisor and Students' Union
Use software and new monitoring systems to monitor system leaks, water loss etc	Energy Advisor and Outsourced Hygiene and Water Engineers
Implement urinal water saving technology	Sustainability Advisor
Run annual water awareness events to raise water conservation issues	Head of Campus Planning & Development
Fit tap flow restrictors to taps where suitable	Head of Campus Planning & Development
Review catering practices to reduce unnecessary water consumption	Operations Manager and Catering Head
Implement engineering and major plumbing projects to re-use grey water	Head of Campus Planning & Development
Elicit help of teaching and undergraduates to monitor and introduce new water saving techniques alongside specialist hygiene advisors	Outsourced Hygiene and Water Engineers

Comment

WCS Group would like to wish this university and all stakeholders involved the very best of luck dealing with water usage, water safety and reductions in usage and environmental footprint. Many UK universities are investing in transformative programmes surrounding infrastructure, facilities and campus experience and receiving practical help and support from specialists regarding water treatment, water hygiene, operational efficiency, asset management maintenance life cycle planning and extension and ROI on capital asset expenditure.

About WCS Group

WCS Group is a water treatment, hygiene and compliance critical services specialist. We plan, manage and ensure safe water, heating and air systems operate across academic and residential buildings for more top-50 UK universities than anyone else. For more, see sector expertise at wcs-group.co.uk.

A Marlowe Critical Services company

WCS Group is the 'Water Treatment and Hygiene' division of the Marlowe Critical Services Group owned by parent Marlowe plc. The Group provides one access point for specialist 'highest standards' across **'Fire & Security', 'Water Treatment & Hygiene', and 'Air Quality'** – three divisions can be accessed singularly or in combination. The Group shares many common customers and collectively employs 1,100+ specialists, servicing 10,000+ customers, carrying out 500,000+ service visits and helping manage over 10 million assets for circa 6% of the UK's 1.8 million non-residential buildings.

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