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Green Planet Solutions' latest product the Eco3 urinal cube has graduated with honours from Royal Holloway, University of London.

The new Eco3, which was developed and manufactured in the UK using naturally occurring organic microbes, has been designed specifically to address the problems associated with urinals.

Green Planet's MD Matt Anderson and Anna Simpson, Sustainability Officer at Royal Holloway, arranged for a trial of the system over a number of months in selected male washrooms. Andy identified these as being a key target area in the University's effort to reduce its water consumption, which was an enormous 35 million litres per annum. The trial areas were chosen, the time scale determined and KPI sheets issued to staff and cleaners.

It soon became evident to Anna and her team that the Eco3 was fit for purpose, producing good results and showing an immediate improvement in washroom perception.

Before rolling the system out to the rest of the 168 urinals in the University's main site it was decided to run three more trial areas to back up the original results.

The Eco3 urinal system showed an immediate improvement despite the urinals flushing just once every 24 hours. Previously the urinals were flushing in the region of once every 15 minutes 24/7.

Anna concluded that, by implementing Green Planet's Eco3 urinal system, a saving of 38,442m<sup>3</sup> of water (which is equal to 11.7% of the university's total water usage) could be saved per year. The University also saw a reduction in urinal maintenance at no detrimental effect to the washroom perception.

Daren Bezants, Royal Holloway's Maintenance And Services Manager, explains 'we were keen to trial the system mainly because we felt that a self service mechanism would benefit the University in reducing carbon emissions and saving money. The cleaners are responsible for the new cube being replaced and maintenance will implement a simple flush timer that activates once a day. All in all I have been very impressed with the system over the past few months. Maintenance requests have also decreased thanks to a reduction in urinal blockages.'

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