

Brookes today

Mapping energy loss

Research fellow Dr Rajat Gupta from the School of the Built Environment has developed a unique computer mapping system that can pinpoint the amount of carbon dioxide given off by individual

Multi-talented and multi-disciplinary

The School of Health and Social Care is having a healthy time in its new building at Marston Road. The School has achieved more external research funding than ever before: HEFCE approved a bid for an extension to research facilities, and the School received a range of donations to support its work. Complementing the new facilities at Marston Road, a donation of £1.5 million from HRH Prince Bandar bin Sultan bin Abdul Aziz - the largest ever received by the University - enabled us to establish a new research chair in Cancer Care. The new professor will lead research-focused practice, benefiting patients in Oxford and the University's consultancy programmes.

Quality Assurance Agency and Department of Health reviews of all the pre-registration NHS-related courses had very successful results. The School has strengthened the multi-professional modules which are a core part of studies for pre-qualifying students in all disciplines. Meanwhile, we continue to build Health and Social Care's groundbreaking multi-disciplinary and inter-professional approach, which gives students the chance to share experiences and ideas with other health disciplines.

buildings. It has already been used to produce a map of an area of north Oxford highlighting emissions from homes and offices.

DECoRuM (domestic energy, carbon counting and carbon-reduction model) estimates current energy-related CO₂ emissions from dwellings, aggregating them to a street, district, and city level. It can evaluate the potential and financial costs for domestic CO₂ emission reductions by deploying a whole range of best practice energy efficiency measures.

DECoRuM is on its way to becoming an industry standard. Funding from the South East Proof of Concept Fund will lead to further development and market assessment of the programme, and ultimately to the production of a toolkit for UK local authorities, energy advisers,



building surveyors and real estate professionals to help count, cost and reduce domestic carbon emissions.

