

UNIVERSITY TRAVEL PLANNING

Colin Buchanan (CB) with its dedicated Sustainable Travel team has unrivalled experience in university travel planning: we understand the transport issues that face all who travel to academic institutions. University travel patterns are complex and include staff commuter travel, full and part time student travel, occasional visitors and business travel. By introducing an effective travel plan, a university can help reduce traffic and parking congestions whilst achieving environmental objectives and offering real travel choices to staff and students.

Manchester Metropolitan University (MMU)

CB is developing travel plans and a car park management strategy for the University's capital estates programme for the next 5 years, which involves consolidating seven existing campuses into just two sites, covering 35,000 students and 4,500 staff. This project involves the creation of a voluntary over-arching travel plan for the whole University, two development-related travel plans, a robust and specialised car parking management strategy and a needs-based permit allocation system. CB has also worked with the wider local authority on a project involving MMU, the University of Manchester, The College of Music and Manchester Royal Infirmary, to create a Higher Education Precinct (HEP) of Sustainable Travel programmes.

Kingston University

CB is currently working with Kingston University to update its travel plan across all campuses. A staff travel survey was launched online and has been promoted at all university sites by Sustainable Travel Team members, to achieve a high student response rate. These results will then feed into the travel plan to provide an indication of where reviews of the current travel options available are needed. This travel plan will provide an overarching strategy to promote travel by sustainable transport, taking into consideration the varying transport infrastructure and accessibility of all sites.

St George's University London

CB recently worked with St. George's University of London to develop a travel plan for the entire organisation covering 2,000 full time students and 1,200 staff. The project will encourage staff and students to use sustainable travel options to travel to the main campus with St. George's hospital and must include the nearby halls of residence which are situated on the same site. This site is a huge trip generator and the transport planning approach has had to be extremely robust.

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OUR CLIENTS INCLUDE:

**Royal Holloway University
Manchester Metropolitan University
Jewel and Esk College
Kingston University
St. George's University of London
University of Edinburgh
University of Brighton**

sustainabletravel@cbuchanan.co.uk

University of Edinburgh Travel Survey

CB was commissioned by the University of Edinburgh to undertake a detailed survey and to estimate the carbon footprint associated with University travel. The survey included a carbon footprint methodology to calculate commuting carbon emissions. We designed a web-based questionnaire to capture detailed information about the staff and student travel, including information on multi-modal journeys. Individual carbon footprints were calculated, providing immediate feedback to participants. An overall travel to work/study carbon footprint for the entire university was calculated as a benchmark.

University of Edinburgh Safety, Access and Mobility Audit

CB undertook a scoping review of the implications of the Health and Safety Executive's (HSE) Workplace Transport Safety guidance within the wider context of access and mobility at each of the main university sites. The work involved an access and mobility audit of entrance and egress facilities available for all road users together with a prioritised list of recommendations on aspects to be improved.

University of Brighton Travel Plan

A travel plan for the whole of the University of Brighton (UB) has been commissioned by the University's Estates & Facilities Management Department. The UB travel plan will seek to reduce single occupancy car travel to, and between, campuses, by enabling and promoting use of public transport, car share, walking and cycling for staff and students, as well as visitors. The travel plan will be developed in 2009 and implemented in 2010.

Jewel and Esk College

CB developed campus specific travel plans in support of the redevelopment of the Jewel and Esk College in Midlothian and Edinburgh. A full staff and student travel survey was undertaken using both on-line and paper based survey techniques. An accessibility assessment was undertaken using the postcode information collated from the travel survey results. The results were used to determine the most appropriate transport provision to access the college.

Stirling University Parking Management

CB undertook detailed surveys to review a number of parking concerns at the university's Bridge of Allan campus. A number of parking control strategies were examined with a recommendation that an access control regime involving permits and automatic number plate recognition (ANPR) be implemented. CB drew up the specification, managed the tendering process and tested and commissioned the system prior to its full introduction. It was one of the first ANPR systems to be implemented in the UK. CB continued to help the university by providing a software tool to manage permit issue and parking infringements at the campus.

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COLIN BUCHANAN PROVIDED THE FOLLOWING SKILLS:

Travel plan development, implementation and monitoring
Car parking management strategies
Travel surveys and analysis
Efficient fleet management
Improvement of patient transport services
Travel marketing and graphic design
Project management support

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The Dedicated Sustainable Travel Team

Our Sustainable Travel Team (STT) comprises dedicated professionals throughout the company who have extensive experience of preparing and implementing travel plans throughout the whole of the UK. This has included both voluntary and development related travel plans spanning a range of uses and include universities, acute hospital trusts, primary care trusts, mental health trusts, local authorities, private businesses and residential developments. We have written travel planning best practice for Transport for London and the Department for Transport and are regularly called upon to present at conferences to talk about the work we have undertaken to further this discipline. The team has also assisted the Energy Saving Trust in developing a monitoring toolkit for travel plans.

Sustainable Travel Team

[Rose McArthur, BA \(Hons\), Associate Director](#), is head of the company's national Sustainable Travel Team. Rose has managed this team since joining CB in early 2006. Her responsibilities include management of all the dedicated STT staff based in the UK and the development of this area of the business. In previous employment with Surrey County Council (SCC) she was in charge of ensuring the implementation and monitoring of over 270 travel plans as part of the Development Control process. She also developed a Centre of Excellence for travel planning within SCC. Rose also sits on the board of ACTTravelWise and the strategic advisory board of WorkWise.

[Keri Stewart, BA \(Hons\) MBA DipM, Associate Transport Planner](#), has over 20 years experience working in the public and private sector. She recently joined CB from SPT where she was responsible for developing and implementing SPT's Active Travel and Smarter Choices Action Plans. She also had responsibility for developing and implementing SPT's Access to Healthcare Action Plan. This work was recognised by the award of a Scottish Transport Award in 2008 for the integration of transport and health policies. Keri has undertaken substantial consultation during the development of the Regional Transport Strategy for the west of Scotland.



Chris Hanley, BSc MSc MIHT, Principal Transport Planner, has a high level of experience in developing travel plans for local authorities, the NHS and universities, as well as developing business travel planning networks. He has particular interest in delivering NHS travel plans, developing integrated transport units and the delivery of transport efficiency projects. Since joining CB Chris has delivered a robust travel plan and car parking management strategy for Manchester Metropolitan University. This forms part of the University's Estate Strategy to condense the number of major teaching sites from seven to three sites. The University currently accommodates over 30,000 full and part-time students and 3,500 staff. He is the project manager for the MMU project.



Ruth Mustard, MEng MSc, Principal Transport Planner, has a wide range of experience in the development of travel plans and is a Travel Plan Site Specific Advisor for the DfT. She has recently been working on the development of travel plans for educational establishments, healthcare establishments, the Scottish Government and the private sector. Ruth has first hand experience in liaising with clients, public transport operators and the public. She has excellent consultation skills including surveys, questionnaires, workshops and focus groups.



Susanne Afra, BA (Hons), Senior Transport Planner, has been working in the travel planning and the travel awareness field for the last five years. She has worked on a variety of projects for the London Borough of Kingston and Surrey County Council. Whilst at Kingston, Susanne helped develop and implement their Travel Awareness campaign and associated events, including Walk to Work Week, Walk to School Campaign, Bike Week and European Mobility Week ensuring synergy with national and London wide activities as well as locally instigated initiatives. She is an expert in travel survey design on LimeSurvey and marketing of travel surveys to users. She is the currently managing the Kingston University travel plan project.



Adrian Webb, BSc (Hons) MSc MIHT, Consultant Transport Planner, has worked on a variety of projects including travel plans, GIS analysis and transport strategies for NHS clients, universities and local authorities. He works closely with Susanne to ensure surveys are designed to achieve the most representative and informative results. He has developed a carbon footprinting methodology which is attached to travel surveys to link in with travel plan targets



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