

Centre for Transport & Society

Department of Planning and Architecture
Faculty of Environment and Technology

... an introduction and brief overview

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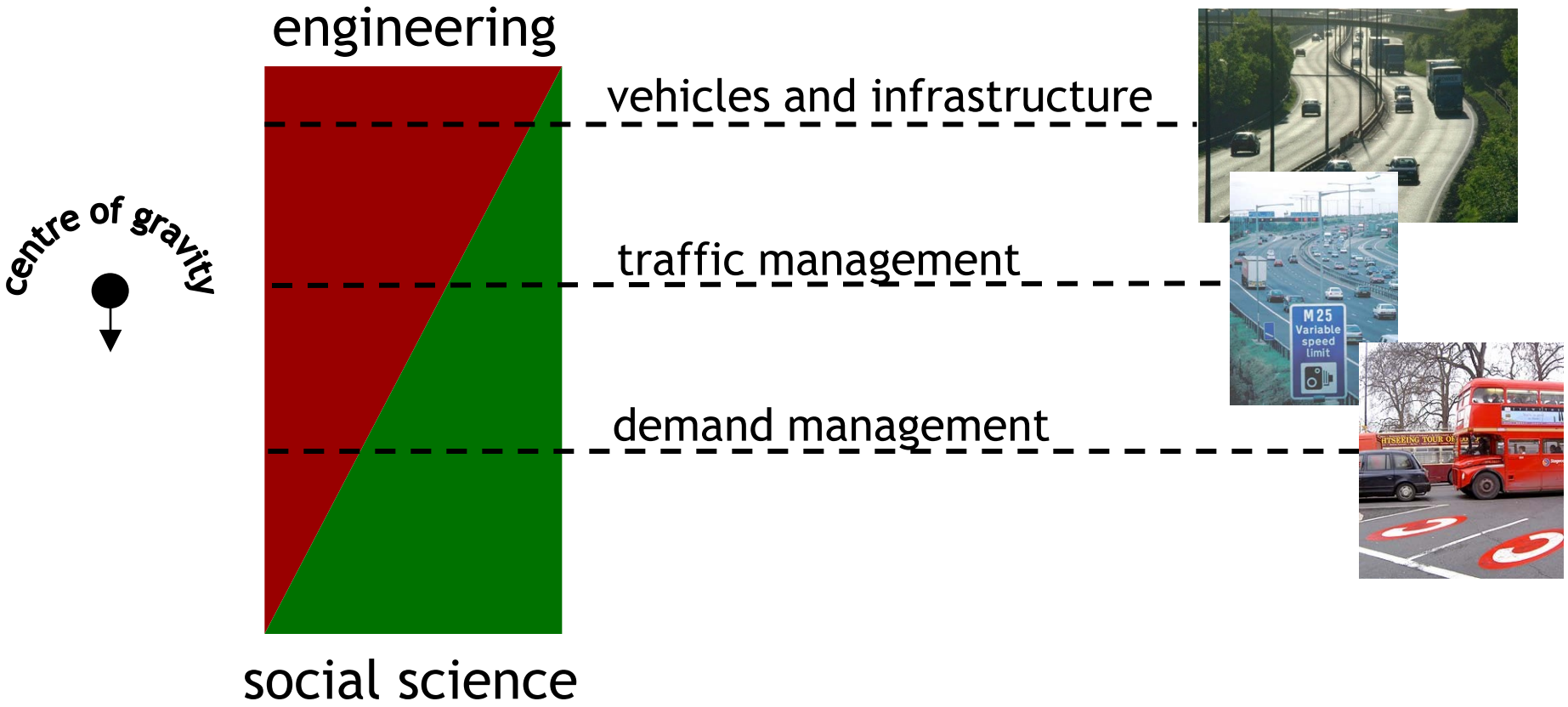
www.transport.uwe.ac.uk



Our mission...

“Furthering understanding and influence on the interactions between mobility, lifestyles and society in a context of technological change.”

The evolution of transport studies



Aims and themes

■ Aims

- improving our understanding of travel behaviour
- promoting more equity in mobility
- developing innovative transport research methodologies

■ Themes

- technologies and travel
- experience of the travel environment
- car dependence
- promoting inclusive, low carbon, active travel
- mobility and the ageing population
- supporting and evaluating sustainable mobility strategies

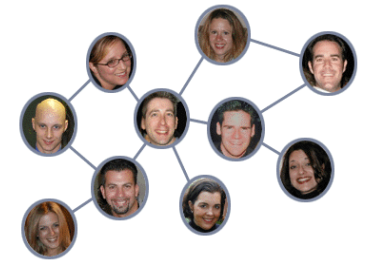
Technologies and travel

- Flexible working and commute displacement
 - Popularity of part-day homeworking
 - Ad-hoc flexibility in response to needs
- Travel information need and use
 - Social-psychological barriers to use
 - Co-operative behaviour amongst travellers
- User technological innovation in the context of the transport system
- Influence of non-transport technologies on mobility



Experience of the travel environment

- Travel time use in the information age
 - Transition time, time out / time for
 - Positive utility challenging economic appraisal
- Internet use, social participation and travel
 - Supplementing travel, enriching accessibility
 - Multi-tasking with time/space flexibility



Car dependence

- Public acceptability of road pricing
- Attitudes of young people towards sustainable transport
- Public attitudes to transport
- Business attitudes to transport
- Residential relocation and behaviour change
- Household car ownership decision making
- Low car and car-free housing development



Inclusive, low carbon, active travel

- Addressing dyslexia in travel information provision
 - Up to 1 in 10 people may be affected
 - Information can be a barrier to independent travel
- Social and distributional impacts
 - Looking beyond the averages in appraisal
 - Identifying procedures to measure and account for impacts
- Communicating carbon and climate change consequences (CATCH)
- Evaluation of the Cycling City and Towns Programme



Mobility and the ageing population

- Older people and rural areas
 - Examining the rural life course
 - Considering future mobility needs and patterns
- Impacts of free travel for senior citizens
 - Assessing the resource implications and environmental costs
 - Evaluating the benefits to the over 60's and behavioural impacts
- Older motorists' car driving and ownership behaviour



Evaluating Mobility Strategies

- Evaluation of interventions
 - E.g. Bristol Southville HomeZone
- Peer-review of Personalised Travel Planning in Brighton
- Evaluation of novel technologies (Renaissance)
 - Bike-sharing, electric bikes, hybrid cars and buses
- Travel behaviour consequences of interchange (park and ride) schemes



Innovative Methodologies

- Travel behaviour dynamics
 - Examining the process of churn in behaviour
- Biographical methods
 - Accurately capturing life histories
- Social network analysis
 - Contrasting 'ego' and 'alter' perspectives
- Public evaluation of the environment
 - E.g. the value of a novel wayfinding system
- Agent-based modelling of 'smarter choice' transport policies

MSc Transport Planning @ UWE

- Course with unique character
 - Blend of modules including traditional transport skills with planning, urban design, travel behaviour
 - Social science rather than engineering orientation
- Close identity with Centre for Transport & Society
 - Teaching staff drawn from leading transport research group nationally & internationally
- Well connected internationally, nationally & regionally
- Accreditation by Chartered Institute for Logistics & Transport and Royal Town Planning Institute

Key Networks



UTSG | *UNIVERSITIES'
TRANSPORT
STUDY GROUP*



TransportPlanningSociety

