



## JOURNEY WIZARD

Dear Reader

This is the latest AUNT-SUE Newsletter. It contains updates on our research project, the aim of which is “to develop and test sustainable policies and practices that will deliver effective socially inclusive design and operation in transport and the associated public realm.”

Kind Regards

The AUNT-SUE Team

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**EPSRC**

Engineering and Physical Sciences  
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There is not just ONE way to think about accessibility policies and plans! Our AUNT-SUE research team has developed a conceptual framework that logically links accessibility policy & planning activities and as such encourages everyone involved to 'think outside the box'.

AUNT-SUE was initially built on the assumption that there would be a parallel approach to accessibility policy & planning across different disciplines—distinguishing macro-meso-micro scales: from city-regions down to the micro-level of streets, vehicles and facilities such as bus stops, signage and ticket machines.

However, we soon realised that the boundaries as well as the integration points between those scales are interrelated.

During the course of the project, our team has developed a conceptual framework that links seemingly isolated professional or departmental silos by means of a focus on the Whole Journey Environment. (Pic. 1)

### Conceptual Framework

The framework comprises four scenarios:

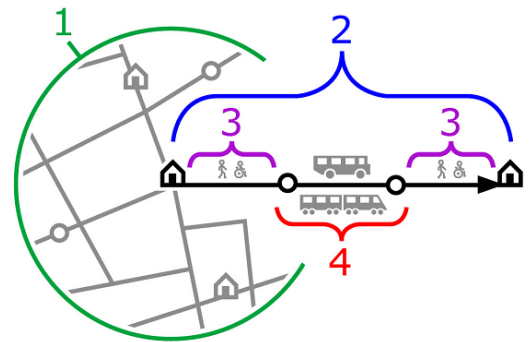
**Scenario 1:** Accessibility/access of services and facilities throughout an urban area—Considering both physical and perceptual barriers.

**Scenario 2:** Accessibility/access of specific journeys—Considering the whole journey environment (door to door, from home to activity destination and back to home) that includes various stages and modes of transport.

**Scenario 3:** Accessibility/access of a particular or whole stretch of street, such as high street or streets that lead to prime destinations and transport access points. Considering barriers that are both physical and perceptual.

**Scenario 4:** Accessibility/access of public transport infrastructures. Considering physical and perceptual barriers

Central to this approach is the integration of policy, design and operations throughout the whole journey environment.



**Picture 1:** Journey Wizard

- 1: Whole Area, 2: Whole Journey,
- 3: On Street Journey, 4: On Transport Journey

Please email your questions or comments to Antje Witting ([a.witting@londonmet.ac.uk](mailto:a.witting@londonmet.ac.uk))

## CITIES MOBILITY '09

The 3rd World Congress of Cities for Mobility will be held from 14 - 16 June 2009 in the city of Stuttgart (Germany).

Topics will range from better access to transport for the elderly and disabled people, promotion of cycling and walking to the role of transport in tackling social exclusion and poverty. Roger Mackett (UCL) will represent AUNT-SUE at this event.

Last November Steve Shaw (LMet) visited the host city to consider the benefits of its long-term, coordinated approach to small-scale design improvements as the light rail system is upgraded. His findings are published in a feature article in the June edition of 'Access by Design', Centre for Accessible Environments.

Details: S. Shaw [s.shaw@londonmet.ac.uk](mailto:s.shaw@londonmet.ac.uk) and R.L. Mackett: [rlm@transport.ucl.ac.uk](mailto:rlm@transport.ucl.ac.uk)



**Pictures:** Stuttgart Tram Station (Steve Shaw)



**Picture:** CUNY Public Health symposium - Graeme Evans with UK public health staff in New York 2009

## OBESOGENIC ENVIRONMENTS

Physical and perceptual barriers do not only exclude people socially, but can also be linked to other risks, such as childhood obesity.

Earlier this year, Graeme Evans (LMet) met colleagues at the City University of New York (CUNY) and discussed how AUNT-SUE findings can inform the discussion on childhood obesity.

He was part of an academic delegation from London Metropolitan University, which was accompanied by Alex Bax, Senior Policy Adviser to London Mayor Boris Johnson, Bobbie Jacobson of the London Health Observatory, and Tim Lobstein of the International Obesity Task Force.

See also: Evans, G. (2009) *Obesogenic Environments*. Presentation to Institute of public Health, CUNY, New York, April.

Contact: Graeme Evans (g.evans@londonmet.ac.uk)

## TRANSPORT & INCLUSIVE DESIGN

Transport-related design issues were strongly represented on the '09 INCLUDE conference agenda, and so was the AUNT-SUE team.

Picture: Steve Shaw (p.r., LMet), Helena Titheridge (UCL) and Pete Davis (Lboro) - 6th April 2009, London



## SUE SEARCH ENGINE

In addition to AUNT-SUE, several multidisciplinary consortia have been funded by the EPSRC's Sustainable Urban Environment (SUE) programme.

To enable a search across the different consortia websites, a new custom search engine has been made available on: [www.urbansustainabilityexchange.org.uk](http://www.urbansustainabilityexchange.org.uk).

### NEWSLETTER OF THE AUNT-SUE CONSORTIUM

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Glossary: Lboro: Loughborough University; LMet: London Metropolitan University, UCL: University College London

## CONFERENCES & PAPERS

Titheridge H., Achuthan K., Mackett R.L. (2009) Paper/presentation at the UK-Ireland Planning Research Conference, Newcastle, UK, 1st-3rd Apr.

Evans G., Shaw S. (2009) *Inclusive Design for the Whole Journey Environment*. Paper at INCLUDE, Lon, UK, 6th. Apr.

Titheridge H., Achuthan K., Mackett R.L. (2009) *How AMELIA helps to design more inclusive urban areas*. Paper at the INCLUDE, London, UK, 6th April.

Davis P.M., Case K., Marshall R., Gyi, D.E., Sims R.E., Summerskill S.J. (2009) *Stress and Exclusion: principles and tools for inclusive design*. Paper at INCLUDE, UK, 7th Apr.

Ellul C., Calnan B. (2009) *Modelling Street Safety in an Urban Environment*. Paper at GISRUK, UK, 1st-4th Apr.

Marshall R., Gyi G.E., Case K., Porter J.M., Sims R.E., Summerskill S.J., Davis P. (2009) *A Design Ergonomics Approach to Accessibility and User Needs in Transport*. Paper at Ergonomics Society Conference, Lon, UK, 22nd-23rd Apr.

Summerskill S.J., Marshall R., Gyi D.E., Porter J.M., Case K., Sims R.E., Davis P. (2009) *Validation of the HADRIAN System with a Train Station Design Case Study*. Paper at Ergonomics Society Conference, Lon, UK, 22nd—23rd Apr.

Davis P.M., Case K., Marshall R., Gyi D.E., Sims R.E., Summerskill S.J. (2009) *Development of Tools to Reduce the Stress of Using Public Transport*. Paper at Ergonomics Society Conference, London, UK, 22nd—23rd Apr.

### Forthcoming publications & presentations

Mackett, R.L., Achuthan, K., Titheridge, H. (2009) *Evaluating increases in accessibility for socially excluded*. Presentation at the European Conference on Mobility Management conference (ECOMM), San Sebastian, Spain, 13-15th May.

Mackett, R.L., Achuthan, K., Titheridge, H. (2009) Poster presented at the 3rd World Congress of Cities for Mobility, Stuttgart, Germany, 14-16th Jun.

Shaw, S. (2009) *Designing in more passengers – light rail in Stuttgart*. Access by *Design Journal* (June), cae.

Marshall R., Gyi G.E., Case K., Porter J.M., Sims R.E., Summerskill S.J., Davis P. (2009) Papers at HCI 2009 - International Conference on Human-Computer Interaction, St Diego, U.S., 19-24th Jul.

Shaw, S. (2009) *Mapping the inconspicuous consumption practices of disadvantaged groups: The implications for urban design*. Annual International Conference of the Royal Geographical Society, Manchester, UK, 26-28th. Aug.

Evans, G. (2009) *Mapping Crime & Community Accessibility and Safety*. Paper at the 10th Crime Mapping Research Conference in New Orleans, U.S., 19th—22nd Aug.

Evans, G. (2009) Paper at Annual International Sustainable Development Research Conference: Sustainable development and transport, Utrecht, Netherlands, 5-8th Jul.

**This is just a selection of recent and forthcoming papers/presentations. Full list: [www.aunt-sue.info](http://www.aunt-sue.info)**