

Tuesday 9 October 2012

0900 - 1000  
Plenary  
Session

**Success Factors towards the Deployment of Zero Emission initiatives in Europe**  
**Olivier Paturet, General Manager of Zero Emission Strategy,**  
**Nissan Europe**

Session 4 1030 - 1230

Session 5 1400 - 1530

Session 6 1600 - 1800

Towards a  
Sustainable  
Fleet

**ELECTRIC VEHICLES: MARKET ANALYSIS**  
(selected by the Planning for Sustainable Land Use and Transport Programme Committee)

**Electric vehicle charging infrastructure forecasts in France**

S Sadeghian, F Leurent, M Thebert, Ecole des Ponts-ParisTech/Paris-Est University, FR

**Electric vehicle diffusion in the Lisbon Metropolitan Area: major constraints and possible market shares in the medium and long term**

F Moura, M Mendes Lopes, P Coimbra e Costa, M Silva, Instituto Superior Técnico, PT

**Electric vehicle demand of French households: a socio-economic estimation under specific policy packages**

E Windisch, LVMT - Université Paris-Est, FR

**ELECTRIC VEHICLES: PLANNING FOR MORE SUSTAINABLE TRANSPORT**  
(selected by the Planning for Sustainable Land Use and Transport Programme Committee)

**Towards a sustainable car fleet**

J Berveling, O van de Riet, Netherlands Institute for Transport Policy Analysis, NL

**Pedelecs as a contribution for a more sustainable transport system? acceptance, usage and impacts of electrically supported bicycles from the employer's perspective**

T Prill, J.-W. Goethe University Frankfurt am Main, DE

**ELECTRIC VEHICLES: PLANNING FOR MORE SUSTAINABLE TRANSPORT**  
(selected by the Planning for Sustainable Land Use and Transport Programme Committee)

**Planning for electric vehicles**

M Croucher, G Higgs, MVA Consultancy, UK

**The decision-making behaviour of fleet managers in relation to electric vehicles**

R Hutchins, E Delmonte, TRL, UK

**A tale of quiet efficiency: how hybrid buses are benefitting the environment and reducing financial costs for King County Metro**

H O Ferguson, J Ritchie, Stoel Rives LLP, US

Transport and  
Economic Crisis

**LAND VALUE CAPTURE**  
(selected by the Innovative Transport Infrastructure Finance Programme Committee)

**Financing options for a transit system through real estate**

M Singh, School of Planning and Architecture, Bhopal;  
R Sharma, UMTC, Delhi, IN

**Policy transfer of public transport funding schemes: the case of Norway**

**PLANNING FOR A DIFFERENT FUTURE**  
(selected by the Planning for Sustainable Land Use and Transport and Applied Methods in Transport Planning Programme Committees)

**Recent trends in young Germans travel behavior from an economic perspective**

T Streit, M Wirtz, P Vortisch, Karlsruhe Institute of Technology, DE

**Changing patterns in car sales during crisis: a case**

**PUBLIC PRIVATE PARTNERSHIPS AND THE ECONOMIC DOWNTURN**  
(selected by the Innovative Transport Infrastructure Finance Programme Committee)

**Service led PPPs: the next generation of projects**

P Snelson, PPP-Consult, UK

**Resilience of transport infrastructure and the role of competition in periods of economic crisis**

N Painvin, Fitch Ratings, FR

	<p>S J Olsen, F Longva, Institute of Transport Economics, NO</p> <p><b>Responding to the challenges of an economic downturn: how income released from land and property can fund transport projects</b></p> <p>T Wilding, Mott MacDonald, UK</p>	<p><b>study in the Athens metropolitan area</b></p> <p>Z Christoforou, M G Karlaftis, National Technical University of Athens, GR; T Roul, Ecole des Ponts-ParisTech, FR</p> <p><b>How accurate are pre-recession models?</b></p> <p>S Subramanian, Imperial College London; S Kohli, Steer Davies Gleave, UK</p>	<p><b>Shadow-tolls in Portugal: how we got here and what were the impacts of introducing real tolls</b></p> <p>M Santos, B Santos, University of Coimbra, PT</p>
<p><b>European Transport Policy and Research</b></p>	<p><b>POLICY AND REGULATION</b> (selected by the European Transport Policy and Research Programme Committee)</p> <p><b>An insight into policy transfer processes within an EU project and implications for future project design</b></p> <p>C O'Dolan, T Rye, Transport Research Institute, Edinburgh Napier University, UK</p> <p><b>How should allegations of state aid be assessed in the context of EU ports?</b></p> <p>P Oxley, P Hope, A Meaney, Oxera Consulting Ltd., UK</p> <p><b>Urban transport planning in developing cities: twelve reasons of failure - case study in Bogota</b></p> <p>M F Ortiz Carrascal, Steer Davies Gleave; J P Bocarejo Suescan, Universidad de los Andes, CO</p>	<p><b>SOCIAL MEDIA</b> (selected by the European Transport Policy and Research and Local Public Transport Programme Committees)</p> <p><b>The response of airports to the rise of social media in Europe</b></p> <p>N Halpern, Molde University College, NO</p> <p><b>The impact of the volcanic ash cloud on air passengers</b></p> <p>J Guiver, University of Central Lancashire, UK</p> <p><b>Using the social media for increasing the ridership of public transport systems: a case of Delhi</b></p> <p>L Parashar, IL&amp;FS Infrastructure Development Corporation; G Kumar Dubey, Urban Mass Transit Company Ltd., IN</p>	<p><b>INTELLIGENT TRANSPORT SYSTEMS</b> (selected by the European Transport Policy and Research and Local Public Transport Programme Committees)</p> <p><b>Implementation of INSPIRE Directive on Road Infrastructure in Portugal</b></p> <p>I Soares, P Matos Martins, Instituto Superior de Engenharia de Lisboa, PT</p> <p><b>Performance monitoring of bus priority using automatic data</b></p> <p>C D'Souza, Transport for London; N Hounsell, B Shrestha, University of Southampton, UK</p>
<p><b>Local Public Transport</b></p>	<p><b>LOCAL PUBLIC TRANSPORT PROGRAMME COMMITTEE</b></p> <p>Open discussion and plans for forthcoming conferences and study tours</p> <p>All are welcome to attend</p>	<p><b>PUBLIC TRANSPORT FARES: LEGITIMATE AND ILLEGITIMATE DISCOUNTS</b> (selected by the Local Public Transport Programme Committee)</p> <p><b>Free riders and ticket fraud in public transport: a Delphi analysis</b></p> <p>E Fuerst, WU Vienna, AT</p> <p><b>What is affecting season ticket elasticities in London?</b></p> <p>A Meaney, M Shephers, Oxera Consulting Ltd., UK</p>	<p><b>ORGANISING THE BUSINESS</b> (selected by the Local Public Transport Programme Committee)</p> <p><b>Efficiency and tendering of services in Italian local public transport</b></p> <p>F Cirianni, G Leonardi, Mediterranea University of Reggio Calabria; D Ianno, ATAM Plc, Azienda trasporti area dello Stretto, IT</p> <p><b>Deregulation of a long distance express coach market</b></p>

			<p>J Aarhaug, N Fearnley, P Christiansen, Institute of Transport Economics, NO</p> <p><b>Delivering a multifaceted transport Quality Partnership approach to behavioural change and carbon reduction</b></p> <p>J P Cecil, S L Copsey, A Taylor, S J Walsh, R L V Southern, University of Hertfordshire; S Joseph, Campaign for Better Transport; M Salter, Cambridgeshire County Council, UK</p>
Investment in the Railway	<p><b>EMERGING HIGH SPEED RAIL NETWORKS (selected by the Rail Programme Committee)</b></p> <p><b>Intercity transportation system in China: developments and plans</b> S Zhao, Xiaozhi, Dalian University of Technology, CN</p> <p><b>Criteria for high speed railway introduction and application in India</b> H Takeshita, Institution for Transport Policy Studies, JP</p> <p><b>High-speed rail development in Russia, Ukraine and Uzbekistan: any lessons for other developing economies?</b> A Khudenko, P R Drake, University of Liverpool Management School, UK</p>	<p><b>EMERGING HIGH SPEED RAIL NETWORKS (selected by the Rail Programme Committee)</b></p> <p><b>A study on the life cycle assessment for evaluating carbon impact from construction of rail infrastructure</b> Y Morita, K Shimizu, Institution for Transport Policy Studies; T Yamasaki, Japan Railway Construction, Transport and Technology Agency; H Kato, N Shibahara, Nagoya University, JP</p> <p><b>Effects of a 400 kph rail network across Europe with the use of the DLR-developed Next Generation Train (NGT)</b> T Schumann, German Aerospace Center (DLR), DE</p> <p><b>Designing a stated preference study for analysis of demand for high-speed rail using efficient choice experiment design</b> A H Halse, S Fluegel, Institute of Transport Economics, NO</p>	<p><b>OPTIMISING THE NETWORK (selected by the Rail Programme Committee)</b></p> <p><b>Do we need a through-running railway station in Budapest?</b> A Baanders, Ecorys, NL; C Orosz, T Princz-Jakovics, Budapest University of Technology and Economics, HU</p> <p><b>Bottlenecks in railway infrastructure - do they really exist?</b> H Drewello, University Kehl, DE; F Guenther, ETH Zurich, CH</p> <p><b>Less haste, more speed: how research has been used to design service improvements made possible by the released capacity from High Speed 2</b> I Wright, Passenger Focus, C Judge, Network Rail, UK</p>
	<p><b>PUBLIC PERCEPTION OF TRAFFIC INFORMATION (selected by the Traffic Management, Traffic Engineering and Road Safety Programme Committee)</b></p> <p>Road user awareness and understanding of the</p>	<p><b>PLANNING ISSUES (selected by the Traffic Management, Traffic Engineering and Road Safety Programme Committee)</b></p> <p>Multi-criterion assessment of level intersections in</p>	<p><b>ADDED INTELLIGENCE TO TRAFFIC SIGNAL CONTROL (selected by the Traffic Management, Traffic Engineering and Road Safety Programme Committee)</b></p> <p>Should I stay or should I go? uncovering the factors</p>

<p><b>Traffic Management, Traffic Engineering and Road Safety</b></p>	<p><b>meaning of traffic signs</b> C Houldin, T Stuart, P Murphy, AECOM, UK</p> <p><b>Impact analysis of dynamic message signs on driver behavior</b> M A Mohammadi, B K Venkat, G H Bham, M Leu, Missouri University of Science and Technology, US</p> <p><b>An explanatory analysis to evaluate the driver perception of dynamic message signs</b> M A Mohammadi, G H Bham, D Cernusca, Missouri University of Science and Technology, US</p>	<p><b>urban areas</b> J Hradil, M Uhlík, CTU in Prague, CZ</p> <p><b>Development of a methodology to estimate parking provisions and occupation of land by car in cities: the case of Lille</b> P Palmier, CETE Nord-Picardie</p> <p><b>Anticipatory traffic information for navigation systems framework as example of transport planning policy</b> J Casas, TSS-Traffic Simulation Systems and University of Vic; A Torday, TSS-Traffic Simulation Systems, ES</p>	<p><b>of red light runnings in a field study</b> L Carnis, University Paris-Est and IFSTTAR-DEST; R Dik, E Kemel, CETE de l'Ouest, FR</p> <p><b>Controlling user groups in traffic</b> L Wismans, Goudappel Coffeng; J Vreeswijk, Peek Traffic bv; B Tutert, University of Twente, NL</p> <p><b>Options for signalling in period of low demand</b> S Phull, Department for Transport, UK</p>
<p><b>Transport Economics and Appraisal</b></p>	<p><b>APPRAISAL</b> (selected by the Transport Economics and Appraisal Programme Committee)</p> <p><b>Advancing appraisal: from transport economic efficiency to land-use/transport economic efficiency</b> D Simmonds, David Simmonds Consultancy/Heriot-Watt University, UK</p> <p><b>Wider economic benefits in transport appraisal, a SCGE-model approach with application to a proposed Norwegian road infrastructure project</b> W Hansen, Institute of Transport Economics, NO; O Ivanova, TNO, NL</p> <p><b>Re-focusing transport and land use planning approaches to make them more effective</b> D Halden, DHC, UK</p>	<p><b>APPRAISAL</b> (selected by the Transport Economics and Appraisal Programme Committee)</p> <p><b>The challenges associated with undertaking an economic appraisal of a dynamic managed motorway scheme</b> D Hardcastle, P Clarke, Mouchel; R Himlin, Highways Agency, UK</p> <p><b>What are the wider impacts of cutting road maintenance budgets?</b> K Johnston, Transport Scotland; T Bradbury, C Parkman, TRL, UK</p> <p><b>New roads or better roads: a productivity puzzle - evidence from OECD member countries</b> M O Chaudhry, S Braathen, J Odeck, Molde University College, Molde, NO</p>	<p><b>POST-SCHEME EVALUATION</b> (selected by the Transport Economics and Appraisal Programme Committee)</p> <p><b>Ex-post analysis of a cost-benefit study: lessons to be learned for large investment projects in cargo seaports</b> C Sys, E Van de Voorde, T Vanelslander, B Vergauwen, University of Antwerp, BE</p> <p><b>Ex post appraisal: what lessons can be learnt from EU Cohesion funded transport investments?</b> J Laird, C Kelly, J Nellthorp, S Constantino, ITS, University of Leeds, UK</p> <p><b>New approach for evaluate travel time variability and application for a real case in Hungary</b> T Matrai, M Juhasz, Szechenyi Istvan Egyetem, HU</p>
	<p><b>CITY LOGISTICS POLICIES</b> (selected by the Freight and Logistics Programme Committee)</p> <p><b>Implementing city logistics policies in Rome: methodology and results</b></p>	<p><b>ENERGY AND EMISSIONS</b> (selected by the Freight and Logistics Programme Committee)</p> <p><b>The comparative environmental performance of freight transport chains - why do the models provide</b></p>	<p><b>ENERGY AND EMISSIONS</b> (selected by the Freight and Logistics Programme Committee)</p> <p><b>Calculation of CO2 emissions for partial loads and mixed laden transport units in multilevel transport</b></p>

<p><b>Freight and Logistics</b></p>	<p>A Nuzzolo, U Crisalli, A Comi, L. Rosati, Tor Vergata University of Rome, IT  <b>Innovative solutions for city logistics: demonstration and viability results</b>  H Quak, S Balm, TNO, NL  <b>Overall impacts of off-hour delivery programs in the New York City metropolitan area: lessons for European cities</b>  J Holguin-Veras, K Ozbay, A Kornhauser, S Ukkusuri, M Brom, S Iyer, W F Yushimito, B Allen, M A Silas, Rensselaer Polytechnic Institute, US</p>	<p><b>different answers?</b>  H M Hjelle, Molde University College, NO  <b>Calculating emissions along supply chains – is standardisation for a global approach within reach?</b>  A Lewis, Transport &amp; Travel Research Ltd, UK; V Ehrler, Deutsches Zentrum fur Luft- und Raumfahrt (DLR), DE; K Makela, VTT Technical Research Centre of Finland, FI; O Eidhammer, Institute of Transport Economics, NO</p>	<p><b>chains with www.co2-tec.com</b>  W Groschopf, E Fuerst, S Kummer, WU Vienna, AT  <b>Fuel consumption assessment in delivery tours to develop eco driving behaviour</b>  H Chaari, E Ballot, Mines Paristech, FR  <b>Activity-based charging in low emission zones: the stakeholders' response</b>  K Ystmark Bjerkan, M Elvsaa Nordtoemme, A-M Kummeneje, A Bjoergen Sund, T Tretvik, SINTEF Technology and Society, NO</p>
<p><b>Special Sessions</b></p>		<p><b>Special Session – synopsis of the TRB and City Logistics Meetings held during 2012</b>  <b>Led by Rick Donnelly, Parsons Brinckerhoff, US and Lori Tavasszy, TNO, NL</b></p>	<p><b>TransportNet special session</b>  This session looks into innovation research conducted within the TransportNET network. Three topics are selected, which are complementary to each other, and illustrate well the type of interdisciplinary research conducted: one is illustrative of a technology, one deals with policy, and the final one with the process.</p> <p><b>Presentations on:</b></p> <ul style="list-style-type: none"> <li>• Innovating transportation through electric vehicles – S Kapros, University of the Aegean, GR</li> <li>• Innovation policy as a driver for the development of urban logistics – R Macario, Instituto Superior Técnico, PT</li> <li>• The innovation process: who should intervene when and where? – T Vanelslander, University of Antwerp, BE</li> </ul>
<p><b>Forecasting travel behaviour with activity-based modelling</b></p>	<p><b>IT'S ABOUT TIME</b>  (selected by the Applied Methods in Transport Planning Programme Committee)  <b>Towards a better appraisal of transportation policies: some evidence on the willingness to pay in France</b></p>	<p><b>COMPLEXITY OF ACTIVITY BEHAVIOUR</b>  <b>(Applied Methods in Transport Planning and Methodological Innovations Programme Committees)</b>  <b>The complexity of travel: trip chaining in Norway</b>  L Vaagane, Institute of Transport Economics, NO</p>	<p><b>COMPLEXITY OF ACTIVITY BEHAVIOUR</b>  <b>(selected by the Applied Methods in Transport Planning Programme Committee)</b>  <b>Understanding In-home and out-of-home time use patterns: an analysis of the UK Time Use Survey</b>  A Sivakumar, D Azar, J Polak, Imperial College</p>

	<p>M Jacquot, T Anselme, CETE de l'Est, FR</p> <p><b>Behavioural impacts of highway journey time reliability effects in a multimodal urban model</b></p> <p>N Raha, MVA Consultancy, UK</p>	<p><b>Effects of fuel price fluctuation on activity-travel behaviour by transit and slow modes: evidence from a pseudo panel data</b></p> <p>D Yang , H Timmermans, Eindhoven University of Technology, NL</p>	<p>London, UK</p> <p><b>Children's activity patterns, their independence of travel, and the built environment</b></p> <p>D Olaru, C Curtis, The University of Western Australia, AU</p> <p><b>Designing stated adaptation experiments for changes to activity-travel repertoires: approach in the context of pricing policies</b></p> <p>E Khademi, T Arentze, H Timmermans, Eindhoven University of Technology, NL</p>
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