

0900 - 1000 Plenary Session

Joined up Thinking – optimising the movement of people and goods at the same time
Miller Crockart, Vice President, Sales and Marketing, Traffic Software Unit, PTV Group. DE

SEMINAR	Session 1 1030 - 1230	Session 2 1330 - 1530	Session 3 1600 - 1800
Greening Transport	DRIVERS FOR CHANGE – GREENING OF THE ECONOMY? (Sponsored by the Pan-European Transport and the Planning for Sustainable Land Use and Transport Programme Committees) Chair: Andy Southern, Atkins, UK Ticket to Kyoto – contextual drivers for CO2 reductions in public transport H Vergereau, Atkins; K Hudson, Transport for Greater Manchester, UK Economic downturn: what is really driving a downturn in trip rates? J Davidson, K Lumsden, MVA Consultancy; A Irvine, Transport Scotland, UK Planning transport networks for an uncertain future: a UK case study S Blainey, A Hickford, J Preston, University of Southampton, UK	ENVIRONMENTAL ISSUES (Sponsored by the Traffic Management, Traffic Engineering and Road Safety Programme Committee) Chair: Andy Southern, Atkins, UK Integrating a macro emission model with a macroscopic traffic model G Klunder, TNO; H Taale, Rijkswaterstaat; U Stelwagen, TNO, NL An empirical study of real-world electric vehicle taxi's energy consumption T Levin, A Bjørgen Sund, SINTEF, NO Air: traffic control! the triple trigger approach C D Reekie, G Hannah, J Barr, IBI Group, UK	GOING GREEN IN CITY LOGISTICS (Sponsored by the Freight and Logistics Programme Committee) Chair: Thierry Vanelander, University of Antwerp, BE Developing sustainable urban logistics plan in small medium-sized European historic towns: the approach of IEE ENCLOSE Project G Ambrosino, GA Consultancy; A Liberato, S Gini, MemEx srl, IT Green urban distribution: evaluation of adapted measures for the City of Oslo M Elvsaas Nordtømme, A Borgen Sund, SINTEF Technology and Society; J Andersen, Institute of Transport Economics, NO CycleLogistics – moving Europe forward! S Wrighton, Austrian Mobility Research, AT Risks and opportunities for alternative light and heavy duty vehicles urban commercial transport A Lischke, D Heinrichs, DLR - German Aerospace Centre, DE A model estimating the potential demand for urban delivery vehicles using dual fuel engines S Kapros, A Karamigkou, University of the Aegean, GR
Airports		MANAGING GROWTH AND COMPETITION IN AIR SERVICE	AIRPORTS (Sponsored by the Leisure and

		PROVISION (Sponsored by the Pan-European Transport Programme Committee) Chair: Peter Burge, RAND Europe, UK Modelling airport capacity expansion delays M Gelhausen, Deutsches Zentrum für Luft- und Raumfahrt E.V. (DLR), DE Addressing the linkage from air transport development to general sustainability goals A Leipold, P Kokus, M Hepting, Deutsches Zentrum für Luft- und Raumfahrt E.V. (DLR), DE A level playing field in the European air transport sector? – a Belgian case study F Kupfer, University of Antwerp, BE	Tourism Transport Programme Committee) Chair: Rosario Macario, Instituto Superior Técnico, PT Factors affecting airport and airline choice? P Le Masurier, L Kirkwood, MVA Consultancy, UK Tracking tourists with GPS-technology S Gross, T Spangenberg, A Menzel, Hochschule Harz – University of Applied Sciences, DE Airport site selection using multi-staged multi-dimensional evidence-based analysis P Thornton, S Zivanovic, WorleyParsons; G Milner, Airport Master Planning Pty Ltd, AU
Travel Behaviour in Changing Times	DRIVERS FOR CHANGE – GREENING OF THE ECONOMY? (Sponsored by the Pan-European Transport and the Planning for Sustainable Land Use and Transport Programme Committees) Chair: Andy Southern, Atkins, UK Ticket to Kyoto – contextual drivers for CO2 reductions in public transport H Vergereau, Atkins; K Hudson, Transport for Greater Manchester, UK Economic downturn: what is really driving a downturn in trip rates? J Davidson, K Lumsden, MVA Consultancy; A Irvine, Transport Scotland, UK Planning transport networks for an uncertain future: a UK case study S Blainey, A Hickford, J Preston, University of Southampton, UK	INTER-GENERATIONAL TRAVEL BEHAVIOUR (Sponsored by the Planning for Sustainable Land Use and Transport Programme Committee) Chair: Martin Lanzendorf, Goethe University, DE Mobility biographies for three generations L Döring, J Scheiner, C Holz-Rau, TU Dortmund University, DE Towards a theory of travel behaviour: achievements and challenges of the mobility biographies approach H Müggenburg, M Lanzendorf, A Busch-Geertsema, Goethe University Frankfurt am Main, DE Everyday mobility behaviour of migrants – an unknown factor in transport planning? J Welsch, K Conrad, D Wittowsky, ILS – Institut für Landes- und	RESIDENTIAL PATTERNS AND TRANSPORT CHOICE (Sponsored by the Planning for Sustainable Land Use and Transport Programme Committee) Chair: Danielle Snellen, PBL, NL New urban living and mobility: experiences from urban development areas in Berlin J Jarass, D Heinrichs, Institute of Transport Research, German Aerospace Center (DLR), DE The impacts of urban densification on the supply and demand for transport Y Jin, I Williams, University of Cambridge, UK

		Stadtentwicklungsforschung GmbH, DE	
Accessibility and Users	INFLUENCING BEHAVIOUR (Sponsored by the Transport Economics and Appraisal Programme Committee) Chair: Peter Burge, RAND Europe, UK The importance of being urgent: aviation, shipping and the mitigation debate A Bows, Sustainable Consumption Institute, University of Manchester, UK The role of the plug-in car grant and plugged-in places in electric vehicle take up J Screeton, Department for Transport; R Hutchins, E Delmonte, J Stannard, TRL, UK Aviation taxes: analysing impacts and interactions with other instruments F Fichert, Worms University of Applied Sciences; H-M Niemeier, University of Applied Sciences Bremen, DE; P Forsyth, Monash University, AU Vouchers or tendering? a comparison of two approaches for handling the Mohring effect in public transport J Ahlberg, J-E Nilsson, R Pyddoke, Swedish National Road and Transport Research Institute and Centre For Transport Studies, SE	PLANNING ACCESS – A MORE INTERVENTIONALIST APPROACH TO THE FUTURE OF TRANSPORT? (Sponsored by the Planning for Sustainable Land Use and Transport Programme Committee) Chair: Jo Baker, Mott MacDonald, UK Shaping the future – case studies in UK accessibility planning D Halden, DHC, UK Discussants Neighbourhood Accessibility – Michael Bach Land use Planning and Access - Danielle Snellen Equity of Access – Elisabete Arsenio Regional Development and Access – Peter Endemann	ACCESSIBILITY FOR ALL (Sponsored by the Planning for Sustainable Land Use and Transport Programme Committee) Chair: Jo Baker, Mott MacDonald, UK Reducing social exclusion for people with a disability – an assessment of barriers to transport accessibility in Ireland C MacAongusa, Transport and Innovation; D Moore, Spatial Planning Solutions Ltd., IE Marginal access cost: a new indicator for sustainable urban development P Coppola, A Nuzzolo, E Papa, University of Rome Tor Vergata, IT Best and bad practices for the visually impaired in public transport: appraisal and implementation of solutions C Vogelauer, E W M Fürst, WU Vienna, AT
Leisure and Tourism	TOURIST MOBILITY IN THE DESTINATION AREA (Sponsored by the Leisure and Tourism Transport Programme Committee) Chair: Alexandros Deloukas, Attiko Metro, GR Mobility measures In Bulgarian seaside touristic region of Dobrich L Ilieva, CSDCS, BG Sixth sense transport: social media	THE LEGACY OF THE 2012 OLYMPIC GAMES (Sponsored by the Leisure and Tourism Transport Programme Committee) Chair: Alexandros Deloukas, Attiko Metro, GR Changes In travel behaviour during and after the Olympic Games	AIRPORTS (Sponsored by the Leisure and Tourism Transport Programme Committee) Chair: Rosario Macario, Instituto Superior Técnico, PT Factors affecting airport and airline choice? P Le Masurier, L Kirkwood, MVA Consultancy, UK

	as a collaborative travel tool J Dickinson, V Filimonau, Bournemouth University; C Winstanley, Lancaster University, UK Sustainable mobility to and within environmental sensitive touristic regions – a transnational experience A Kurzweil, Umweltbundesamt GmbH, AT	K He, MVA Consultancy, UK The legacies of Olympic Games for urban transportation: an untouchable gift? K He, MVA Consultancy, UK Regeneration impact of the Emirates Air Line M Clements, Transport for London, UK	Tracking tourists with GPS-technology S Gross, T Spangenberg, A Menzel, Hochschule Harz – University of Applied Sciences, DE Airport site selection using multi-staged multi-dimensional evidence-based analysis P Thornton, S Zivanovic WorleyParsons; G Milner, Airport Master Planning Pty Ltd, AU
Intelligent Transport Systems	DEVELOPMENTS IN ITS (Sponsored by the Traffic Management, Traffic Engineering and Road Safety Programme Committee) Chair: Thomas Friderich, PTV, DE Distributed traffic management enables lower infrastructure costs and higher societal benefits B Rutten, TU Eindhoven; C Van De Weijer, TomTom; T Van Woensel, TU Eindhoven, NL The work of the European Community ITS Urban Experts Group S Kearns, Transport for London, UK; D Szeligowska, DG MOVE, European Commission, INT	ENVIRONMENTAL ISSUES (Sponsored by the Traffic Management, Traffic Engineering and Road Safety Programme Committee) Chair: Andy Southern, Atkins, UK integrating a macro emission model with a macroscopic traffic model G Klunder, TNO; H Taale, Rijkswaterstaat; U Stelwagen, TNO, NL An empirical study of real-world electric vehicle taxi's energy consumption T Levin, A Bjørgen Sund, SINTEF, NO Air: traffic control! the triple trigger approach C D Reekie, G Hannah, J Barr, IBI Group, UK	THE INTERSECTION OF TRANSPORT AND ICT (Sponsored by the Pan-European Transport Programme Committee) Chair: Tobias Kuhnimhof, ifmo, DE Development of an intelligent transport system ontology - linking applications and technologies across different transport modes S Kellberger, Fraunhofer Center for Maritime Logistics and Services CML, DE; L Castelli, Università degli Studi di Trieste, IT; M A Piera, Universitat Autònoma de Barcelona, ES ITS – wider impacts T Tørset, SINTEF/NTNU; T Levin, SINTEF, NO Strategies for 4G/LTE deployment in underground metros: an innovative source of revenues C Levy-Bencheton, C Grobost, G Etienne, EGIS, FR
Bus Rapid Transit and Light Rail Transit	BUS RAPID TRANSIT AND LIGHT RAIL TRANSIT (Sponsored by the Local Public Transport Programme Committee) Chair: Iain Macbriar, QV Associates, UK	BUS RAPID TRANSIT AND LIGHT RAIL TRANSIT (Sponsored by the Local Public Transport Programme Committee) Chair: Colin Chick, Luton Borough Council, UK	BUS RAPID TRANSIT AND LIGHT RAIL TRANSIT (Sponsored by the Local Public Transport Programme Committee) Chair: Neil Paulley, TRL, UK

	Tram or bus; does the tram bonus exist? T Bunschoten, Goudappel Coffeng BV; E Molin, R Van Nes, Delft University of Technology, NL Do people prefer BRT or LRT? J Swanson, C Routaboul, C Chinnock, Steer Davies Gleave, UK Complementarity or competition between road and rail public transport services in suburban areas : impact of French institutional organization of public transport on the available transport supply I Treve-Thomas, CERTU, S Hasiak, B Zogall, CETE Nord-Picardie, FR	BRT as austerity LRT or should that be BHLS? - a call for clarity and rigour in appraising bus based transit A Smyth, University of Hertfordshire; B Miller, Independent Consultant, UK Cambridgeshire Guided Busway – user research A Brett, Atkins Highways and Transportation; B Menzies, Cambridgeshire County Council, UK Can Bus Rapid Transit (BRT) be a sustainable means of public transport in fast growing cities? empirical evidence in the case of Oslo C Endresen Siedler, Norwegian National Rail Administration, NO	Speeding up Bus Rapid Transit system in Hamburg Metropolitan Area R Schneider, Hamburg-Consult GmbH, DE The revival of buses as Bus Rapid Transit (BRT) in urban and regional planning: retrospect and prospects T Stojanovski, KTH Royal Institute of Technology, SE Istanbul BRT scheme S Bulay, Embarq, TR
Rail Policy and Planning	ACEM-RAIL: TOWARDS A MORE EFFICIENT AND SUSTAINABLE RAILWAY MAINTENANCE Final FP7 Project Workshop Opening of the session Welcome and Overview of the ACEM-Rail project. Dr. Noemi Jimenez-Redondo (CEMOSA). ACEM-Rail Instrumentation Overview of technologies and processes for the analysis of infrastructure condition. Dr. Frank Schubert (Fraunhofer IZFP). Sensor set-up: – Thermographic testing & Hollow shaft. Dr. Frank Schubert (Fraunhofer IZFP) – Eddy current. Dr. Matthias Goldammer (SIEMENS) – Automatic defects classification of Ultrasonic inspection results using Fuzzy-logic algorithms. Mr. Michael Bron (ScanMaster Systems)	ACEM-RAIL: TOWARDS A MORE EFFICIENT AND SUSTAINABLE RAILWAY MAINTENANCE Final FP7 Project Workshop Chair: Jonathan Pugh, ATOC, UK ACEM-Rail Infrastructure Management System (IMS) Overview of the overall structure of the IMS. Mr. Sergio Escriba (CEMOSA). - IMS prototype for management of infrastructure subsystems. Mr. Francisco Jose Cores (US). - Tactical and operational maintenance planning. Mr. Axel Simroth (Fraunhofer IVI). - Execution and monitoring of preventive/corrective maintenance.	ENHANCING THE EXPERIENCE FOR THE RAIL PASSENGER (Sponsored by the Rail Policy and Planning Programme Committee) Chair: Andrew Meaney, Oxera, UK Influencing the train experience: using a successful measurement instrument M van Hagen, J Sauren, Netherlands Railways, NL Enhancing the experience of the train journey M van Hagen, P Bron, Netherlands Railways, NL Valuing different seating layouts for rolling stock on commuter routes P Murphy, AECOM; M Wardman, Institute for Transport Studies University of Leeds; T Magee, ATOC, UK

	– Fibre optics. Prof. Luigi Zeni (SUN) – Laser inspection Mr. Cesare Santanera (DMA) Predictive tools. Ing. Nicola Bosso (POLITO). ACEM-Rail solution demonstrations and results Results of the test runs. Mr. Cesare Santanera (DMA). Open Discussion and Q&A	Mr. Krasimir Gurov (OPTIM). Closing Remarks Open Discussion and Q&A. Closing of the workshop. Dr. Noemi Jimenez-Redondo (CEMOSA)	
Activity-Based Modelling	BEYOND THE ACTIVITY BASED MODEL FRONTIER (Sponsored by the Transport Models Programme Committee) Chair: Peter Davidson, Peter Davidson Consultancy, UK New features of applied activity-based travel models P Vovsha, Parsons Brinckerhoff, US A new approach to generation of household activity-travel pattern: a modelling framework and study results S Khorgami, AECOM, UK Improving toll road traffic and revenue forecasts using activity based modelling techniques particularly for long distance travel by investigating the heterogeneity of the value of time and income P Davidson, C Teye-Ali, R Culley, Peter Davidson Consultancy, UK	APPLICATION ADVANCES IN ACTIVITY BASED MODELLING (Sponsored by the Transport Models Programme Committee) Chair: Peter Davidson, Peter Davidson Consultancy, UK Generation of coherent trip chains for travel behavior analysis and modeling R Cyganski, A Justen, A Schulz, German Aerospace Center, DE Activity-based approach for modelling travel demand accessibility in the Port Said City – Egypt M Shahin, Alexandria University, M El-Bany, Port Said University, EG; P Davidson, Peter Davidson Consultancy, UK A simultaneous system of models for disaggregate trip generation, mode choice and destination T Hossein Rashidi, University of New South Wales, AU	THE ROLE OF ACTIVITY BASED MODELLING TECHNIQUES IN EUROPE (Sponsored by the Transport Models Programme Committee) Chair: Peter Davidson, Peter Davidson Consultancy, UK The role of activity based modelling techniques in the US and Israel Keynote presentation by Peter Vovsha, Parsons Brinckerhoff, US followed by discussion Tom Van Vuren, Mott MacDonald, UK John Bowman, Bowman Research and Consulting, US
Data	GOOD INFORMATION FOR BETTER DISTRIBUTION (Sponsored by the Freight and Logistics Programme Committee) Chair: Seraphim Kapros, University of the Aegean, GR Information sharing in last mile distribution – lessons learned from a pilot in Oslo J Andersen, O Eidhammer, Institute	DATA IN LARGE URBAN NETWORKS (Sponsored by the Transport Models Programme Committee) Chair: Erik de Romph, OmniTRANS International, NL Comparing the quality of OD matrices in time and between data sources T van Vuren, M Oliver, T Pollard,	

	Of Transport Economics; R Lørvik, GS 1 Norway, NO Market uptake of ICT usage for enhanced visibility on supply chain K Papoutsis, M Gogas, E Nathanail, Centre for Research and Technology Hellas/Hellenic Institute of Transport, GR Internet shopping: an assessment of impacts on mobility J Francke, Kennisinstituut voor Mobiliteitsbeleid (KiM); J Visser, KiM and RWS, NL	Mott MacDonald, UK Estimating signal timings for assignment models from junction flow and delay data T van Vuren, M Millard, Mott MacDonald, UK Vehicle tracking using motion-based optimization and graph theory C Lima Azevedo, J Cardoso, LNEC, National Laboratory of Civil Engineering, PT; M Ben-Akiva, MIT, Massachusetts Institute of Technology, US Navigating away from moving observer journey times R Fernandes, Atkins, UK; P Krootjes, TomTom, NL	
Transport Economics and Appraisal		APPRAISAL APPROACHES - THE BIGGER PICTURE (Sponsored by the Transport Economics and Appraisal Programme Committee) Chair: Remko Smit, Rijkswaterstaat Dienst Verkeer En Scheepvaart, NL Project appraisal and long term strategic vision D Meunier, Ecole Des Ponts ParisTech (LVMT); E Quinet, Paris School of Economics (PSE); A Quinet, SciencesPo Paris, FR Evaluating and managing infrastructure mega-projects in developing countries: a novel approach A Khudenko, P R Drake, University of Liverpool, UK Infrastructure mega-projects in an emerging economy: European integration vs isolation A Khudenko, P R Drake, University of Liverpool, UK	NATIONAL PRACTICE (Sponsored by the Transport Economics and Appraisal Programme Committee) Chair: Alison Irvine, Transport Scotland, UK The use of cost-benefit analyses in Norway and Sweden: a comparison M Welde, J Odeck, Norwegian University of Science and Technology, NO; J Eliasson, Royal Institute of Technology, SE Report of a comparative study of English transport appraisal practice with equivalent practice in other countries T Worsley, ITS, University of Leeds, UK
Young Researchers Forum	PUBLIC SPACE AND INTERMODALITY Chairs: Annika Busch-Geertsema/Mail Homke, Goethe	TARGET GROUPS Chairs: Mathes Wild/Thomas Klinger, Goethe University, DE	INNOVATIVE TECHNOLOGIES IN RESEARCH AND PRACTICE Chairs: Mathes Wild/Thomas Klinger, Goethe University, DE

	University, DE Dissatisfaction of pedestrians and its relationship to accessibility in public transport-public space interchanges S Seriani, Universidad de los Andes, CL Shaping intermodal mobility experiences: the role of travel chain characteristics N Pieper, C Backhaus, D Woisetschläger, T Heußler, Technical University Braunschweig, DE Assessing fitness to drive under long-term treatment with opioid analgesics M Schumacher, BAST, DE – winner of the best paper from the ECTRI/FERSI Young Researchers Seminar	Hands-on consulting: Helping companies on their way towards an intelligent mobility culture R Gruber, EcoLibro GmbH, DE European rail integration – innovation and competition from the perspective of younger rail users L Casullo, Steer Davies Gleave, UK Automobility management at the company level: an exploratory investigation in the Paris region V Boutueil, F Laurent, Ecole des Ponts Paris Tech – LVMT, FR Ageing and mobility: past trends, present patterns and future implications S Tilley, University of St Andrews, UK	Suitability of mobile phone data to understand travel patterns R Tolouei, AECOM, UK Autonomous driving – challenges in research concerning future acceptance E Fraedrich, M Jacobsen, Humboldt University, DE Rethinking ‘smart’ urban transport F Paschek, University of Greenwich, UK
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