

EUROPEAN TRANSPORT CONFERENCE: 13 – 15 September 2021
 Programme Wednesday 15 September
0900 hours keynote
 Lot van Hooijdonk, Utrecht Alderman for mobility, energy and green

Stream	Session 7 1000-1200 hours CEST	Session 8 1300-1500 hours CEST	Session 9 1600-1800 hours CEST
Global Trends impacting Transport	<p>TRANSPORT DECARBONISATION Session Chair: Anders-Martin Fon, Norwegian Ministry of Transport, NO Anticipate, Adjust, Adapt: managing sustainability transitions through multiple scenarios of urban mobility futures T Gall, F Vallet, S Douzou, B Yannou, Laboratoire Genie Industriel, CentraleSupélec, Université Paris-Saclay, FR Behaviour change for Net Zero: applying deliberative research and behavioural science to explore how sustainable travel behaviour can be encouraged P Corcoran, P Dyson, M Hall, Department for Transport, UK What transport sector investments align with the decarbonization pathway to Net Zero? S Fraser, T Macmillan, Atkins, UK Safety, air pollution and climate change in toll roads: a cash back rewarding initiative offering toll price reductions depending on the driving behaviours A Maestriperi, Jacobs, IT</p>	<p>GENDER AND INCLUSION ISSUES Session Chair: Data to support analysis of gender mobility and accessibility in Ireland – where are the gaps? C MacAongusa, Transport and Innovation Ltd, IE Gender Mainstreaming in road projects in the eastern region of Africa How far have we come and where do we go from here? S Chauhan, Lea Associates South Asia Pvt Ltd., IN Scenario analysis on the impact of disruptions on a passenger railway operator M Voes, K De Langhe, C Sys, T Vanelslender, A Verhetsel, University of Antwerp, BE How do mobility impaired customers perceive ridepooling? – findings from a large-scale survey of MOIA users N Kotorz, E Fraedrich, M Heilig, M Kagerbauer, KIT - Karlsruhe Institute of Technology, DE</p>	<p>RENEWABLE TRANSPORT FUELS Session Chair: Gillian Harrison, University of Leeds, UK Deep decarbonization of the transport sector: banning the sale of diesel and petrol vehicles S Yan, E Mulholland, Aarhus University, DK EV uptake vs State revenues: calibrating incentives and taxes with a new model of EV uptake in Australia V Benezech, A Basile, Veitch Lister Consulting, AU Hydrogen as a paste - application scenarios in the transport sector J Brinken, T Schulz, M Vogt, T Assmann, Otto von Guericke University, DE The role of renewable transport fuels in decarbonizing road transport D Bacovsky et al, BEST - Bioenergy and Sustainable Technologies, EU</p>
Planning for Sustainable Land Use and Transport	<p>15 MINUTE CITY I Session Chair: The last mile, or the only mile? How the Covid-19 pandemic and ‘15-minute city’ principles might reshape our movement patterns and navigational needs in cities longer term R Burgess, Atkins - SNC-Lavalin, UK 15-minute cities: are we ready? O Russell, Steer, UK Berlin Pankow – a 15-minute city for everyone? J P Glock, J Gerlach, TU Dresden, DE Can it be walked? Milan and the hyper-proximity model L Abdelfattah, D Deponte, Systematica, IT</p>	<p>15 MINUTE CITY II Session Chair: Ten-minute towns: delivering connected and sustainable communities through compact and permeable urban form N Montague, K Alcaraz, Arup, UK How transport analysis and architecture can drive together cities to sustainability A Riva, PARK Associati; J Ognibene, NET Engineering, IT How to measure walkability? Developing and piloting a new method to assess walking conditions V Hideg, N Szander, P Tóth, KTI, HU</p>	<p>LEARNING ABOUT CYCLING Session Chair: Learnings from the Cycle City Ambition Programme evaluation J Orbell, Department for Transport; L Sloman, Transport for Quality of Life, UK Can road safety policy escape the automobility norm in transport policy and facilitate cycling instead? the case of the Sweden and the Netherlands J van der Meulen, Lunds Universitet, SE Six myths about cycling: implications for planning policy and practice J Mahne-Bieder, M Popp, H Rau, LMU Munich, DE</p>
Local Public Transport	<p>SUSTAINABILITY Session Chair: The impacts of Covid-19 on public transport – a case study from Germany F Brockmeyer, J Heistermann, M Schulz, F Mey, civity Management Consultants, DE Ensuring the sustainability of public transport in the “new normal” S Chng, Y Hou, Singapore University of Technology and Design, SG The trade-off between economic and environmental sustainability of the transition towards clean-fuel vehicles in local public transport P Coppola, F De Fabiis, Polytechnic University of Milan, IT A comparative study on the global warming potential of cable cars as an alternative urban transportation system J Niemann, F Krautzer, HS Duesseldorf, DE</p>	<p>COVID IMPACTS ON PUBLIC TRANSPORT Session Chair: Mind the (perceptions) gap I Wright, Transport Focus, UK Understanding public transport patronage risks in recovery from COVID D Veryard, R Savedge, Veitch Lister Consulting; A Cox, Public Transport Authority, Western Australia, AU The consequences of COVID-19 on the viability of public transport – impacts resulting from changes in mobility behavior due to the COVID-19 pandemic T Meisen, M Krause, P Kohl, S Gehrt, Centre for Automated Mobility, DE Local public transport and the Covid-19 pandemic in Italy F Cirianni, Mediterranea University of Reggio Calabria; U Crisalli, M Cecere, University of Rome Tor Vergata, IT</p>	<p>FUTURE DIRECTIONS Session Chair: First and last furlong I Macbriar, QV Associates, UK The place of walking in Mobility as a Service: appraisal of non-monetizable modes towards more sustainable MaaS solutions M Reyes, V Boutueil, I Nicolai, J Puchinge, IRT SystemX, FR Station naming rights as a sponsorship tool in public transport G Buxton, WSP, UK Public transport interchanges: path finding, information, orientation, navigation and connectivity improvements by using modern technologies E Fürst, G Lamprecht, WU Vienna, AT</p>
Rail Policy and Planning	<p>FUTURE TRENDS AFFECTING RAIL Session Chair: COVID-19 and its impacts on rail commuting and business travel patterns J Siraut, C Sheehy, T Fuller, D Magrico, Jacobs, UK COVID-19 and travel behaviour: what future for rail? A Smyth, Transport Analysis and Advocacy Ltd; E Humphreys, Independent Rail Consultant, UK How to bring sustainability into rail schemes? S Elvery, Rail Delivery Group; M Shepherd, Oxera Consulting LLP, UK</p>	<p>STATION ACCESSIBILITY AND DESIGN Session Chair: Insights into the bicycle-train combination: welcome on board! T Leferink, J Marseille, J van Mil, N van Oort, Witteveen en Bos, AT Osborne and Delft University of Technology, NL Station crowd redistribution and pandemic resilience: access and egress-based solutions to station crowding R U Bhatt, J K Krom, A Montes Rojas, F Wilkesmann, Z Zhang, TU Delft, NL How integration of transport analysis in architectural design can improve inner efficiency of urban interchange nodes J Ognibene, M Villani, NET Engineering, IT</p>	<p>APPRAISAL AND INCLUSIVE DESIGN Session Chair: Fairness characteristics and user satisfaction for rail users: a case study comparing an Eastern European carrier and a Southern European one L D’Alonzo, University of Chieti-Pescara, IT Is it “all aboard” for everyone? S Claris, Arup, UK</p>

<p>Freight and Logistics</p>	<p><u>E-COMMERCE IMPACTS AND PROSPECTS</u> Session Chair: The effects of e-commerce growth on the amount of kilometres driven for last-mile delivery A S M Heinen, F M d’Hont, M de Bok, A van Binsbergen, L Tavasszy, Delft University of Technology; J Visser, S Verduin, KiM Kennisinstituut Mobiliteitsbeleid, NL E-commerce in strategic freight models: an implementation in the province of the Zuid-Holland S Thoen, L Eggers, Significance; M de Bok, Significance and TU Delft, NL B2C home deliveries explosion due to COVID-19, also in the long run? J Francke, J Visser, KiM Kennisinstituut Mobiliteitsbeleid, NL</p>	<p><u>E-HIGHWAY APPLICATIONS</u> Session Chair: Integration of new drive concepts by transport companies – experiences with the eHighway System R Linke, F Schöpp, J Wilke, M Boltze, Technische Universität Darmstadt, DE Electrification of road freight transport: the influence of gross vehicle weight on the energy consumption of (overhead line) hybrid trucks F Schöpp, Ö Öztürk, R Linke, J K Wilke, M Boltze, Technische Universität Darmstadt, DE Optimizing investments in the eHighway system in Germany - a mixed integer linear program formulation R Franz, Supply Chain Analyst, CH</p>	<p><u>COVID IMPACTS: HOW TO HANDLE?</u> Session Chair: Corona crisis disruptions and consequences for demand for freight transport - a screening of the effects for the largest freight forwarders in Norway I B Hovi, Institute of Transport Economics (TOI), NO Impacts of the corona crisis on transport utilization in Norway C S Mjøsund, Institute of Transport Economics (TOI), NO COVID-19: How the freight industry has risen to the challenge A Bardsley, AECOM, UK and IE</p>
<p>Transport Economics, Finance and Appraisal</p>	<p><u>DISTRIBUTIONAL IMPACTS AND SOCIAL VALUE I</u> Session Chair: Through the Looking Glass-Public Private Partnership (PPP) Project implementation in road sector (east African countries) S Chauhan, Lea Associates South Asia Pvt Ltd., IN The benefits of an integrated approach to distributional impact analysis in supporting vulnerable transport users C Marti, J Beard, Mott MacDonald, UK Assessing the impact of road enhancements on creating new opportunities to realise social value W Rennicks, A Charlesworth-May, Department of Transport, UK</p>	<p><u>DISTRIBUTIONAL IMPACTS AND SOCIAL VALUE II</u> Session Chair: Incorporating gender in transport appraisal – developing methodologies and tools to quantify economic benefits enjoyed by women J Snape, C Storey, M Smith, L Castle, E Forde, Transport for the North; A Lopez Garces, Jacobs, UK Transport appraisal, distributional weights and ‘levelling-up’ I Stead, Jacobs, UK Appraisal in Scotland – delivering on climate, inequality, economy, health and wellbeing S Cragg, Transport Scotland; M Joyce, Mott MacDonald, UK</p>	<p><u>UNCERTAINTY II</u> Session Chair: Estimating major project benefits in an uncertain future D Balfe, C McHugh, J Tillotson, Veitch Lister, AU The Uncertainty Toolkit: a guide to proportionate uncertainty analysis within transport R Harrap, R Noble, R Witte, Department for Transport, UK</p>
<p>Transport Models</p>	<p><u>ACTIVE TRAVEL MODELLING</u> Session Chair: Adding cycling quality factors to routing and mode choice in a multi-modal model T Gent, Atkins, UK Introducing uMove: Arup’s urban movement modelling toolkit A Friesen, E Dahan, R Chan, V Ismaili, Arup, UK Saturation flow, bicycles and e-scooters – rethinking the concept of PCU D Carrignon, D Moreno-Sosa, M Ruda, Arcadis; T Hayman, Aimsun, UK Modelling the Streetspace Plan for London G Ghafghazi, S Kerry, D Hornshaw, Transport for London, UK</p>	<p><u>ENVIRONMENT: MODELLING ELECTRIFICATION, EMISSIONS AND IMPACTS OF CLIMATE CHANGE</u> Session Chair: Development and application of a vehicle LCA modelling framework and its application in informing EU policy decisions N Hill, S Amaral, Ricardo Energy & Environment, UK Using open data for spatial transport emission modelling N Thomsen, S Seum, German Aerospace Centre (DLR) - Institute of Transport Research, DE Siting EV charge points: striking the balance between home and public charging G Hill, A Curley, J Davies, Jacobs, UK Resilience under extremes: the stochastic impact of disruptive events on strategic transport models G Hill, C Higgins, R Peaty, Jacobs, UK</p>	<p><u>CAR OWNERSHIP AND LAND USE MODELLING</u> Session Chair: All in all: estimating new dynamic car ownership models for The Netherlands on population data M Kouwenhoven, Significance, NL; G de Jong – Significance, NL and ITS, University of Leeds, UK; K Winter, R Smit Rijkswaterstaat, Dutch Ministry of Infrastructure and Water Management; J van Meerkerk, The Netherlands Environmental Assessment Agency, NL Modelling alternative scenarios for Scotland D Simmonds, V Nacar, E Revill, DSC; R Cann, AECOM; S Cragg, Transport Scotland, UK Influence of density variables on car ownership B Patrui, J Fox, RAND Europe, UK Bid-rent location modelling – Greater Lincoln land use model P Minta, J Tjong, WSP, UK</p>
<p>DATA</p>	<p><u>COVID-19 AND THE CONSEQUENCES</u> Session Chair: Synthesising traffic count data from GPS fleet data C Bruce, Arup, ES; M Chick, Highways England, UK Comparing trends in local authority traffic datasets during the three national lockdowns in England during the COVID-19 pandemic L Pienaar, Y Majeed, Arup; D Capes, Department for Transport; A Graham, White Willow Consulting, UK Analyzing changes in travel patterns due to COVID-19 using Twitter data in India S Shende, E Bhaduri, A K Goswami, IIT Kharagpur, IN Image-based deep learning analytics for advanced transport modelling: a study of Corso Buenos Aires (Milan) G Ceccarelli, D Deponte, D Presicce, Systematica, Milan, IT Where are the passengers? individual passenger route choice estimation from gate information in urban rail transit systems T J Tiam-Lee, R Henriques, INESC-ID, PT In light of COVID-19: getting on-demand transit right with big data and analytics R Goldenberg, B Galon, A Shanzter, Moovit, IL</p>	<p><u>DATA COLLECTION</u> Session Chair: start2park – determining, explaining and predicting cruising for parking S Scheel-Kopeinig, T Hagen, S Siavash, J Ossmann, Frankfurt University of Applied Sciences, DE Assessing sustainable transport solutions for rural mobility to improve decision-making on future transport strategies P Franco, D Kaba, S Nagaraju, Connected Places Catapult; H Smith, Department for Transport, UK Characterising urban mobility diversity with dyadic analysis H Wong, University College London, UK Data sharing in public transport A Antuca, C Franzen, G Ho, Oxera Consulting Ltd, UK How do passengers make their transfer location choice? Z Zhang, TU Delft, NL</p>	<p><u>GPS DATA</u> Session Chair: Characterising traffic conditions - identifying bias in mobile GPS data D Carrignon, D Moreno-Sosa, M Ruda, Arcadis, UK Using real-time GPS data to compare variability of speed in five European cities Y Cheng, P Anciaes, N Hannawi, University College London, UK</p>

TRANSPORT PLANNING SOCIETY		Panel Discussion on how transport planning could be improved through better (international) collaboration, networking, training and skills development.	
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