Bits   Panel Discussion: Will National Plans Achieve Transport Emissions Targets across Europe? Moderated by Creal Mac Anopage (AET Board member)   Security Security Consult Mac Anopage (AET Board member)     Gent Speakers:   Filip Boelaert, Head of Fanders Dispartment of Mobility and Public Works, BE Annated Rowlatt, Clind Anappia and Security Consult Mac Anopage (AET Board member)   International Plans, Anappia and Security Consult Mac Anappia and Securety Consult Mac Anappia and Security Consult Mac Anap			Thursday 7	September		
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LOGISTICS	delays in planning of ships at seaports:	Control Centers (SCCs)	S Tjaden, H Flämig, Hamburg University	W Schmidt, T Vanelslander, E van	
	insights from a cost-benefit perspective	A Waterschoot, W Verheyen, University	of Technology, DE	Hassel, C Ferrari, University of Antwerp,	
	M Farzadmehr, V Carlan, T	of Antwerp, BE	ADMIRAL - Advanced multimodal	BE	
	Vanelslander, University of Antwerp	Autonomous barges go to court:	marketplace for low emission and		
		autonomous inland shipping risk	energy transportation		
		distribution under the Belgian and	E Arsenio, ADMIRAL, FI		
		Dutch current legal framework			
		C Domenighini, University of			
		Antwerp, BE			

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## **PROGRAMME – SUBJECT TO CHANGE**

Stream	Session 4 10.00 - 11.30	Session 5 12.00 – 13.30	Session 6 14.30 – 16.00	Session 7 16.30 – 18.30
	GENDER INCLUSIVITY	INCLUSIVITY	DECARBOBNISATION	
	Chair: Alba de Juana	Chair: Vladimir Momcilovic	Chair: Vladimir Momcilovic	
	The need for gender-inclusive means of	To what extent are blind pedestrians	A data science approach to analyse	
	transport design	more exposed as vulnerable road	attitudes towards different transport	
	S I Nägele, L Gebhardt, German Aerospace	users? a comparison between declared	•	
	Center e.V., DE	behaviours	emissions	
	Gender issues in transportation – a	A B Espíndola de Oliveira, A Salgueiro	K Ek, A Elragal, L Wårell, Lulea	
GLOBAL	literature review	Narciso Ribeiro, A M César Bastos Silva		
TRENDS	A Lopez Garces, Jacobs, UK	University of Coimbra, PT	Embedding evidence-led carbon	
IMPACTING	A global change model to develop	Transport behaviour across	reduction in strategic transport	
TRANSPORT	sustainable, equitable, feminist cities of	generations: differences and changes	planning	
TRANSPORT	the future	L Vávrová, H Brůhová Foltýnová, Jan		
			T Gold, WSP; T O'Driscoll, Department	
	K Green, Mott MacDonald, UK	Evangelista Purkyně University in Ústí	for Transport, UK	
		nad Labem, CZ	How to make a low carbon city – a	
		"Text me when you get home!"	scenario quantification for London	
		research on the safety of women and	M Neira, G Cabianca, S Hicks, B Moser,	
		girls on public transport in Scotland	Foster + Partners, UK	
		S Motherwell, C Heeney, P Sloan,	Shaping the future of hyperloop as a	
		Transport Scotland, UK	green and inclusive transport	
			F Karim-Khaku, L Tabet, J Drath, Arup,	
			ик	
	TRAFFIC MANAGEMENT	RIDE-SHARING USAGE	IMPACT OF RIDE-SHARING	WHO OWNS AN ELECTRIC VEHICLE?
	Chair: Arnd Baetzner	Chair: Arnd Baetzner	Chair: Colin Chick	Chair: Hans Voerknecht
	The use and perceived effects of digital	Developing an integrated modeling	Does electric carsharing make the	Analysis of 160 real world BEV: why the second se
	travel information by car and public	environment for interactive transport	German energy transition costlier?	WLTP undermines user acceptance an
	transport users in the Netherlands	planning and real-time traffic forecast	A Guéret, WP Schill, DIW Berlin, DE	how it should be adjusted for electric
	A Durand, M Hamersma, KiM Netherlands	– the #transmove framework	Shared Mobility in the Netherlands:	vehicles
	Institute for Transport Policy Analysis, NL	L Schuhmacher, G Wilkes, U Reiter, M	where we stand and where we go	H Piepenbrink, H Flämig, Hamburg
	Human Wellbeing and Traffic Management		L Bingen, M-J Olde Kalter, Goudappel,	University of Technology, DE
	H Taale, Rijkswaterstaat and Delft University	_	NL	Who buys an electric vehicle:
INTELLIGENT	of Technology; I Wilmink, T Vonk, TNO, NL	Does air pollution reduce dockless		exploratory mixed-method results fro
MOBILITY -	Real time traffic predictions as the key to	bike-sharing usage? an instrumental		current and potential electric vehicle
	future traffic management	variable approach		owners in Germany
AND	L Krol, Goudappel; H Palm, DAT.Mobility; E			S Nägele, J E Anderson, V Kolarova, B
OPERATION	Papjes, Groningen Bereikbaar, NL	University, HK		Lenz, DLR, DE
	rupjes, ereningen berenkbaar, ne	From car ownership to carsharing: the		Analysis of user preferences on electr
		nudging effect of tailored information		mobility through Discrete Choice Mod
		and framing		C Botta, F Fappanni, A Carboni, L Sica,
		A Ciccone, P Wangsness,		Deflorio, D La Gamba, M Arnone,
		A ciccolle, F Wallgshess,		Fondazione LINKS, IT
	DEMAND-RESPONSIVE TRANSPORT	FIRST/LAST MILE		SOCIAL INCLUSION
	Chair: John Hawthorne	Chair: Iain Macbriar		Chair: Alba de Juana
	Data-driven approach to evaluate and	Combing rail and ride-sharing in a		Accessibility and functionality of
	compare the advantages of digital demand	-		mobility websites and apps
	responsive transport and regularly	during planning and implementation		E Fuerst, G Lamprecht, WU Vienna;
	scheduled bus lines in terms of efficiency	of a pilot study		W Rosenberger, HGBS GmbH Vienna, A
	and quality of service	L Mitropoulos, A Kortsari, G		Future transport for all: digitalization
	Martin Grosch, ioki, DE	Ayfantopoulou, Centre for Research		and mobility solutions for older peop
	Evaluating the accessibility impact of D-	and Technology-Hellas, GR		G Lopez Svensson, V Stjernborg, Lund
	DRT and the COVID-19 pandemic in rural	Beyond tracks: A comparative		University, SE
LOCAL	Essex	evaluation of cycling infrastructure		Universal design - surveying stations a
PUBLIC	A Barnard, Ringway Jacobs; S Rodoulis,	and tram extensions in Braunschweig,		providing travelers with information
TRANSPORT	Essex County Council, UK	Germany and Tampere, Finland		about accessibility
	DRT: Data for Decision Making	J P Heemsoth, N Sievers, D Harmann, J,		l Gåserud, H Cats, Rambøll AS, NO
	J Hawthorne, Independent consultant, UK	T Siefer, S O'Hern, B Friedrich, TU		Age-friendly public transport: Evidence
		Braunschweig, DE; R Viri, J Vanhatalo,		from travel behaviours of older adults
		Tampere University, FI		Hong Kong's metro stations
		How shared E-scooters impact travel		S Lei, J Zhou, J Zhou, The University of
		routines and support car-free urban		Hong Kong, HK
		lifestyles		
		K Chatterjee, T Bozovic, Uuniversity of		
		the West of England, UK		
		<b>2</b>		
		The national evaluation of E-scooter		
		trials (England)		
		A Moreno-Pelayo, M Dillon, N Bec, N		
		Rahim, L Anderson-Crook, L Newbould,		

	Rahim, L Anderson-Crook, L Newbould,	
	O Stevens, Ove Arup and Partners Ltd.,	
	UK	

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Stream	Session 4 10.00 - 11.30	Session 5 12.00 – 13.30	Session 6 14.30 – 16.00	Session 7 16.30 – 18.30 e
PLANNING FOR SUSTAINABLE LAND USE AND TRANSPORT (STREAM A)	Session 4 10.00 - 11.30   ACCESSIBILITY Chair: Michael Bach   Shifting from a mobility to accessibility perspective: motivations, barriers and a practical way forward   K Chatterjee, T Calvert, University of the West of England, UK   Integrated perspective on accessibility quantifies accessibility inequality to have inclusion and transport justice as starting point in analysis and decision making   H Voerknecht, Een nieuwe kijk, NL	LAND USE AND TRANSPORT INTERACTION Chair: Pierluigi Coppola An optimization model for integrated accessibility planning in polycentric urban systems J F Bigotte, S Freiria, University of Coimbra, PT	TOOL FOR WALKING Chair: Farshid Kamali A microsimulation model to optimise the Walking Bus School L Sanfilippo, A Brignone, G Salvo, University of Palermo, IT, citiEU Consultancy LTD, UK Assessing Walkability Conditions Across Cities for Healthier Communities J T Aparicio, E Arsenio, F C Santos, R Henriques, LNEC and ECTRI, PT GIS applications to improve the women's perception of safety in Milan: the STEP UP Project	WELLBEING AND TRANSPORT Chair: Maarten 't Hoen Beyond economic costs: potential losses from the transition to a low- carbon transport sector in Sweden C Strambo, M Xylia, J Gong, S Kartha, Stockholm Environment Institute. SE Operationalising wellbeing in Transport Policy Plans M van Burgsteden, Stichting CROW, NL Changing travel behaviour: complementing quantitative with
		Urban mobility practices in small, medium and large European cities: the	Zucaro, F N Andreola, A Muzzonigro, E	L Stam, C Kwantes, R Klein, Goudappel; S Mulder, RWS, NL
			Chair: Daniëlle Snellen You say scenario, I say scenario –	FACILITATING CYCLING Chair: Anna Contenti Bicycle capacity enhancement actions in an urban European transportation
PLANNING FOR SUSTAINABLE LAND USE AND TRANSPORT (STREAM B)			when we plan G Lyons, University of the West of England; S Cragg, Transport Scotland, UK; V Marchau, Radboud University, NL Using scenarios to address uncertainty and help achieve sustainable mobility: the case of small and medium-sized	hub D Chondrogianni, Y J Stephanedes, University of Patras, GR <b>Promoting cross-border active travel:</b>
RAIL POLICY AND PLANNING	PASSENGERS' BEHAVIOUR IN CHANGING TIMES Chair: Josie Drath Tweeting during a pandemic: examining the effects of COVID-19 on train operator tweets J Howard, Rail Partners, UK The lost passengers: insights into the group of passengers that stopped travelling by train after COVID M de Bruyn, D Ton, NS; N van Oort, TU Delft, NL	behaviour due to the COVID-19 pandemic J Bickel, N Geržinič, E Molin, N van Oort, Delft University of Technology; M de Bruyn, NS, NL What role should the private sector play in the post-COVID financial recovery of the GB rail sector? R Catherall, E Russo, M Rho, Oxera Consulting LLP; R Girgis, Rail Partners, UK Rebuilding the market for public transport in the wake of COVID19 with particular reference to rail: a review of evidence for behavioural theory's view of the path to recovery A Smyth, Transport Analysis and	RAIL DESIGN IN VIEW OF USERS Chair: Charles Harmer A user experience centred approach to capture, enhance and analyse rail asset data – commissioned by the UK's Department for Transport to improve accessibility across the rail network S Maslin, K Shah, Atkins Limited, UK Station planning guidance from the passenger perspective S Gwynne, D Konieczna, L Cherryman, S Patel, C Parker, S Owen, GHD, UK	Towards a global observatory of pedestrian flow management levers fo the railway system M-C Dubroca-Voisin, A Leroux, R Coulaud, LVMT / AREP, FR What can we learn from the history of access and egress transportation to
SYSTEM DYNAMICS		Advocacy Ltd, UK	MOBILITY TRANSITION 2 Chair: Ines Kawgan-Kagan Exploring electrification drivers of change with a System Dynamics model M Eriksson, N Papakatsikas, K Ounsi, WSP Sverige AB, SE Social impacts of decarbonising the Austrian passenger transport system P Pfaffenbichler, University of Natural Resources and Life Sciences, AT	

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Stream	Session 4 10.00 - 11.30	Session 5 12.00 – 13.30	Session 6 14.30 – 16.00	Session 7 16.30 – 18.30
	ROAD TOLLS: EX ANTE, EX POST	SOCIAL COSTS AND WELFARE Chair: James Odeck	EVALUATING IMPACTS AND INSIGHTS	
	PERSPECTIVES Chair: Morten Welde	Urban income inequality and social	INSIGHTS Chair: Amanda Rowlatt	ECONOMIC TECHNIQUES Chair: John Siraut
	Exante and expost congestion charging		Evaluating the impacts of the Elizabeth	
	– a longitudinal perspective from 2014-		line in London	the significance of the transportation
	2022	Amsterdam, NL	C Pogonyi, K Kumar, T Chatziioannou, K	•
	M Aarestrup Aasness, NPRA/NTNU, NO		Arter, Y Hujair, N Wiecek, A Murray, M	L Wen, M S Sheng, The University of
	Do road tolls deliver according to	Patterns: Insights from the 2021	Pittini, S Saeed, Arup, UK	Auckland, NZ
	governments' pre-stated objectives?	Census	In and out of balance: travel time	Accessibility-based land-use/transpo
TRANSPORT	An ex-post evaluation	J Siraut, Jacobs, UK	budgets for individuals in the	appraisal
ECONOMICS,	J Odeck, Norwegian Public Roads	Heterogeneity in preferences for	Netherlands	D Simmonds, Allanfield Consulting, U
FINANCE	Administration, NO	shared transports in autonomous	M 't Hoen, M Kroesen, D Snellen,	Wider Economic Impact of Electric
AND		vehicles – a choice experiment	B van Wee, PBL, NL	Vehicle penetration in India: A CGE
APPRAISAL		approach		analysis
		L Wårell, K Ek, Luleå University of		R Kumar, P Sahu, K Agarwal, A Agarw
		Technology, SE		R J Kaur Chahal, Indian Institute of
				Technology, IN
	NATIONAL AGENT BASED MODELS	ACHIEVING STABILITY	ABM PANEL DISCUSSION: AGENT	ABM TRANSITION
	Chair: Wolfgang Scherr	Chair: Gaurav Vyas	BASED METHODS FOR TRAVEL	Chair: Hussein Hakim
	Microsimulation variability in a fully	Development of a microsimulation	DEMAND MODELLING	Smooth transition from Four-Step
	disaggregate agent-based travel model		r Moderator: Barry Zondag	Models to ABM
	for Sweden	tour based demand modelling		D Aspital, PTV Planung Transport
	O Canella, L Engelson, S Berglund,	P Klein Kranenbarg, L Krol, L Brederode	-	Verkehr AG, DE
	Trafikverket, SE	Dat.mobility, NL	Wolfgang Scherr, Moventes (CH)	Disaggregate estimation versus
	The establishment of a nationwide	Stable ABM: elimination of the	Collins Teye, Transport for London (UK)	aggregate calibration of travel mode
TRANSPORT	agent-based transport model for	simulation error	Peter Vosha, Bentley (US)	- pros, cons, and new directions
TRANSPORT MODELS	Aotearoa New Zealand: architecture and technology	L Chittock, PTV Planung Transport Verkehr AG, DE	Olivier Canella, Trafikverket (SE)	G Vyas, P Vovsha, Bentley, US Development of an Activity Based to
(STREAM A)	J Mackay, M Townsend, L Jilkova, S Ravi,			end model for Model of Travel in
(STREAM A)	D Jenkins, Te Manatū Waka, the New			London (MoTiON)
PTV GROUP	Zealand Ministry of Transport, NZ; D			A Davies, S Khorgami, S Boddy,
	Kilminster, Consultant, NZ; M Byrne, T			AECOM; T Price, C Teye, Transport fo
	Nguyen, B Johnson, Arup, AU; G Casey,			London, UK
	P Manser, G Alexander, E Chen, L			
	Halsted, Arup, NZ; F Shone, M			
	Fitzmaurice, K Kozlowska, Y Sun, T			
	Chatziioannou, P Tsoleridis, Arup, UK			
	MODELLING VEHICLE TRANSITION	MODELLING UNIQUE EVENTS		TRAFFIC ASSIGNMENT
	Chair: Andrew Bamforth	Chair: Ines Kawgan-Kagan		Chair: Andrew Meany
		Transport modeling of Ukrainian cities		Extension of a static into a semi-
	in rural areas – a case study for a	during the conflict to develop novel		dynamic traffic assignment model w
	reference region using the German	travel behavior understanding in		strict capacity constraints
	national transport model DEMO	support of reconstruction and more resilient future cities		L Brederode, L Gerards, A Pel, L
	N Thomsen, German Aerospace Centre, DE	S T Waller, A Sotnikova, M Qurashi, Lviv	,	Wismans, S Hoogendoorn, Goudappe NL
TRANSPORT		Polytechnic National University, UA		Convergence analysis tool and
MODELS	models	Estimating demand for unique events	_	calibration of dynamic assignment ir
(STREAM B)	P Vovsha, J Hicks, G Vyas, Bentley	lessons learned from Operation		microsimulation
	Systems, US	Unicorn		P Arnold, J Navarro Pardo, A Porter,
		D Siddle, Jacobs; N Blaney, Transport		AECOM, UK
PTV GROUP	demand through Agent Based	Scotland, UK		Towards automated calibration of
	Modelling			large-scale mesoscopic simulation a
	N Montague, F Shone, K Kozlowska,			dynamic traffic assignment models
	Arup, IE			M Mahut, Bentley Systems, CA
	Modelling vehicle type with			
	autonomous vehicle extension in an			
	activity-based travel model framework			
	D Hensle, G Erhardt, M Bradley, J			
	Freedman, N Dhakar, RSG Inc., US			

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Stream	Session 4 10.00 - 11.30	Session 5 12.00 – 13.30	Session 6 14.30 – 16.00	Session 7 16.30 – 18.30	
	DATA ANALYSIS	SUSTAINABLE TRAVEL	BOOSTING PUBLIC TRANSPORT	SPECIAL SESSION: How certain are you?	
	Chairs: Eka Hintaran and Dalia Zecchi	Chairs: Alba de Juana and Michele	Chairs: Sabina Pulawska and Federico	As serious game for exploring	
	Driverless demand-responsive transit	Simoni	Messa	uncertainties in	
	systems in regional settings: an	Multi-disciplinary perspectives on	Public transportation in Istanbul after	accessibility planning.	
	assessment of the early operation	pedestrian thermal comfort and	pandemic: impacts, recovery & future	Chairs: Orgerta Zeqo and Dalia Zecchi	
	through simulation	walkability	resilience	Experiential learning about triple	
	A S Patricio, G Santos, A Pais Antunes,	M Zuretti, A Pedrazzoli, G Ceccarelli, A	B Aktaş, Istanbul Technical University,	access planning for uncertainty	
YOUNG	University of Coimbra, PT	De La Hoz, Systematica Srl, IT	TR	through serious gaming	
<b>RESEARCHERS'</b>	The analysis of driver's gazes using eye-	The environmental impact of shared e-	Data analytics to advance inference of	M Attia, S Lenferink, V Marchau,	
AND	tracker data and image processing	mopeds	Origin-Destination in public transport	Radboud University, NL	
PRACTITIONERS'	techniques	M Heijink, Delft University of	systems		
FORUM	A Furkan, M Lorenzo, C Giandomenico,	Technology; R van den Berg, CE Delft,	S Cerqueira, E Arsenio, J Barateiro, R		
	Politecnico di Milano, IT	NL	Henriques, INESC, PT		
	Advanced travel survey for activity-	A route-level analysis of factors	Exploring user-perceived safety and		
	based models estimation	affecting the relationships between	fairness characteristics influencing		
	M Trolese, P Coppola, Politecnico di	bikesharing and public transport in	their engagement with public transport		
	Milano, IT	central London: integration,	in Ireland		
		complementation and substitution	A Ari, L D'Arcy, C M Leva, M Kinahan,		
		J Ward, Ramboll, UK	Technological University Dublin, IE		
	19.45 – 22.15 Conference Dinner				
		Location: Osteria del Treno, Via San G	regorio, 46 Milano (booked places only)		

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