

# POLIS

CITIES AND REGIONS FOR TRANSPORT INNOVATION

ANNUAL  
CONFERENCE  
**2024**

**27-28 NOVEMBER 2024**

**KARLSRUHE (DE)**

MESSE KARLSRUHE, MESSEALLEE 1,  
76287 RHEINSTETTEN, GERMANY

**Draft**

**Conference Programme**



Baden-Württemberg  
Ministry of Transport



Karlsruhe

# AGENDA OVERVIEW

Tuesday 26/11	9.00 - 12.00	SIDE EVENTS								
	12.00-18.30	POLIS Annual General Assembly (AGA) (POLIS members only)								
	20.00	Members Dinner (POLIS members only)								
Wednesday 27/11	8.00	Registration and Welcome Coffee								
	9.00	Parallel Sessions I:								
		1A. Assessing active travel	1B. Can data spaces accelerate the sustainable mobility pace?	1C. Managing access: The local landscape	1D. Reducing Speed Limits	1E. Air quality and climate protection: Two sides of the same coin	1F. Unlocking the last mile: Innovations in urban freight	1G. Future-proof mobility: Big ideas for Small & Medium-Sized Cities	1H. Beating back-lash - Boosting buy-in	
		Refreshments								
		10.30								
		11.15 Opening Plenary Session: Fix that Mix!								
		13.00 Lunch + Meet the exhibitors								
		14.30	Parallel Sessions II:							
			2A. Cycling all the way	2B. More sustainable mobility through Multimodal Digital Mobility Platforms	2C. Managing parking: Rethinking urban space	2D. Road safety in practice	2E. Enabling shared mobility	2F. Looking at logistics hubs: From local to regional	2G. Supporting SUMP	2H. Sourcing citizen change
	Refreshments									
	16.00	Info session: Get to know POLIS and join!								
	Get to know PARKPAD									
	16.45-18.15	Parallel Sessions III:								
3A. What about the money? New visions for financing sustainable mobility		3B. Gearing up cities and regions for automation	3C. Unpacking Urban Air Mobility	3D. Extending regional connectivity through multilevel governance	3E. Big is beautiful: Electrifying buses and trucks	3F. Cities delivering change in urban logistics	3G. Pathways to climate neutrality	3H. Sharing in Suburbia		
20.00	Conference Dinner: Sponsored by Init									
22.00	POLIS After-Party: Sponsored by Dott									



# AGENDA OVERVIEW

Thursday 28/11	8.00	Welcome Coffee						
	9.00	<b>Parallel Sessions IV:</b>						
		4A. Better urban living through active mobility	4B. Navigating Intelligent Traffic Management	4C. Driven by data	4D. Discovering the dimensions of a just transition	4E. Mobility as a right: DRT and regional public transport in practice – In cooperation with UPPER	4F. Enhancing e-Mobility in smart cities and regions	4G. Measuring Micro-mobility
	11.15	Refreshments + Meet the exhibitors						
	11.45	<b>Closing Plenary Session: Charting or Changing the Course?</b>						
	13.15	Lunch						
	14.15	Site visits			<b>Political Group Meeting</b> (POLIS Political Group members only)			
	17.00	<b>End of conference</b>						
Friday 29/11	8.45	Welcome Coffee (POLIS Political Group members only)						
	10.00 - 14.00	<b>Political Group Meeting</b> (POLIS Political Group members only)						

## Thematic areas:



Environment & Health



Traffic Efficiency



Access



Road Safety & Security



Governance & Integration

## OUR PARTNERS

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## PARALLEL SESSIONS 1

### 1A. ASSESSING ACTIVE TRAVEL

**Moderator:** Dagmar Köhler, Mobycon

- **Bridging the gap: Assessing local government competencies for effective active mobility policy delivery**  
Sofia Bento & Paulo Cambra, GPMA / IMT
- **Advanced training course for pedestrian-and-cycle-traffic-planners**  
Jochen Eckart, Baden-Württemberg Institut für Nachhaltige Mobilität
- **Socio-economic evaluation to help local authorities outside urban centres choose the most suitable cycling facilities from a safety, environmental and health point of view**  
Sabine Loireau, Cerema
- **Understanding women's perceptions of safety while walking through a Data-driven approach: The STEP UP project**  
Lily Scarponi, Transform Transport
- **How Antwerp reaches a modal shift with positive communication focused on behavioural change**  
Michiel Penne, City of Antwerp

9.00 -  
10.30

PARALLEL  
SESSIONS

1

### 1B. CAN DATA SPACES ACCELERATE THE SUSTAINABLE MOBILITY PACE?

**Moderator:** Lucie Kirstein, acatech – National Academy of Science and Engineering

- **The Great Shift: The European mobility data space changing urban mobility**  
Lucie Kirstein, acatech – National Academy of Science and Engineering
- **Towards a common European Mobility Data Space (EMDS) – A bottom-up approach to data space design and deployment**  
Laure De Cock & Eridona Selita, Imec
- **Shaping sustainable mobility with new data platforms**  
Jochen Harding, NRW.Mobidrom GmbH
- **Empowering data-driven solutions: The role of open mobility data by MobiData BW® in transforming mobility**  
Marlene Picha & Reinhard Otter, MobiData BW
- **Seamless integration of on-demand and scheduled public transport facilitated by data spaces: A deployEMDS use case in Barcelona**  
Javier Burrieza-Galán, Nommon

### 1C. MANAGING ACCESS: THE LOCAL LANDSCAPE

**Moderator:** Fanny Mertz, Brussels Mobility

- **UVAR evolution in Rome and the UPPER project**  
Chiara Di Majo, Roma Servizi per la mobilità (RSM)
- **Converting Madrid into a Low Emission Zone enhanced by Zero Emission Zones to foster active mobility in all districts**  
Pedro Fernandez, Madrid City Council

— **Helmond SmartZone Buffer Service: Pioneering Intelligent City Access**

Nuno Rodrigues, MAPtm & Luuk Misdom, City of Helmond

— **Low Traffic Neighbourhoods: A 'war on motorists'?**

Peter Jones, UCL

## 1D. REDUCING SPEED LIMITS

**Moderator: Stuart Reid**, Transport for London

— **ESRA: Speeding behaviour and 30 km/h Support in 22 European Countries**

Uta Meesmann, Vias institute

— **Review of impacts of city-wide 30km/h speed limit**

Eva Michelaraki, National Technical University of Athens

— **20mph (30 km/h) speed limits in rural areas, findings from a large scale implementation in rural Scotland (UK)**

Susan Tully, Edinburgh Napier University

— **Enjoy the ride - Lessons learnt from shared micro-mobility in reducing speed limit**

Marc Naether, Micro-Mobility for Europe

— **Understanding the consequences of 30 km/h speed limits on public transport: A case study in the Netherlands**

Justin van Steijn & Ramon Kienhuis, Keypoint Consultancy

— **Reggio Emilia: Inner ring's rebirth - low speed - high quality in city's lively heart**

Paolo Gandolfi, Comune di Reggio Emilia

9.00 -  
10.30

PARALLEL  
SESSIONS

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## 1E. AIR QUALITY AND CLIMATE PROTECTION: TWO SIDES OF THE SAME COIN

**Moderator: Nele Sergeant**, Brussels Environment

— **(E)Mission: Zero. Modelling the transition towards zero-emission mobility in European cities**

Jens Müller & Martin Baierl, Clean Cities Campaign

— **Quantification of the impact of fleet renewal and electrification on air quality through microscopic traffic simulation with detailed emission modelling**

Matthias Pfried, PTV Planung Transport Verkehr GmbH

— **Improving air quality in transport is a public health issue, both for users and for operator employees**

Cédric Aubouin, Île-de-France Mobilités & Françoise Guaspere, Île-de-France Europe

— **Detection of vehicles with excessive emissions of particulate matter as a useful smart city tool**

Jana Červeňáková, City of Prague

— **Tackling noise- and air pollution through the LENS of light vehicles**

Åke Sjödin, IVL - Swedish Environmental Research Institute

## 1F. UNLOCKING THE LAST MILE: INNOVATIONS IN URBAN FREIGHT

**Moderator: Ioanna Fergadiotou**, Inlecom

— **Harnessing the power of physical internet-led urban logistics and planning through data-driven and dynamic land use**

Paola Cossu, Fit consulting

— **Urban access control for city logistics freight**

Domien Stubbe, Vlaams Instituut voor Logistiek (VIL)

— **Creating value for stakeholders in urban logistics by demonstrating innovative and sustainable ADVs and enabling consolidation in a shared micro hub**

Satu Reijonen, Forum Virium Helsinki

- **Implementing sustainable micro-logistics hubs for innovative physical internet urban delivery methods: The Bologna case**  
Luigi Russi, Municipality of Bologna
- **RegioKArgo - Development and implementation of combined passenger and cargo transport**  
Christoph Rentschler & Christian Höglmeier, Albtal-Verkehrs-Gesellschaft mbH
- **Tools for sustainable logistics via UNCHAIN and STANDTRACK**  
Sergio Fernández Balaguer, EMT Madrid
- **Nantes metropolis strategies regarding urban freight planning**  
Manon Levrey, Interface Transport

9.00 -  
10.30

PARALLEL  
SESSIONS

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## 1G. FUTURE-PROOF MOBILITY: BIG IDEAS FOR SMALL & MEDIUM-SIZED CITIES

**Moderator: Guido Rink**, City of Emmen

- **Decreasing the reliance on cars in rural areas**  
Amira Haberah, Fifteen
- **The bicycle agent, the product of a unique collaboration for bike promotion in region Twente**  
Christien Rodenburg, Twente2050 / Twente region
- **Distinct actors for district action: Developing collaborative process models for planning transport-efficient districts in small- and medium-sized cities**  
Maria Schnurr & Liridona Sopjani, RISE
- **Getting started with construction logistics in a medium-sized city**  
Esmée Hof, City of Mechelen
- **Small cities, big data: Charting sustainable paths**  
Max Wehlin, City of Varberg & Eurotowns Network

## 1H. BEATING BACK-LASH - BOOSTING BUY-IN

**Moderator: Marianne Weinreich**, Weinreich Mobility

- **GREENGAGE Cycling Lab: Citizen observatories to propagate cycling in North Brabant**  
Sjors Martens, Breda University of Applied Science
- **bwim.puls: A project experimenting with care and cooperation as a method to overcome resistance to change in Sulz and Weil der Stadt, Baden-Württemberg, Germany**  
Lorenza Manfredi, Baden-Württemberg Institut für Nachhaltige Mobilität/Hochschule Biberach
- **Overcoming backlash in Sustainable Urban Mobility Planning (SUMP): Lessons from Brussels**  
Adelheid Byttebier & Esther Skerath, Municipality of Schaarbeek
- **Dresden SUMP - Broad participation for high levels of acceptance**  
Kerstin Burggraf & Bärbel Schmidt, City of Dresden

10.30

REFRESHMENTS

# OPENING PLENARY SESSION

## FIX THAT MIX!

### WELCOME SPEECHES

- **Karen Vancluysen**, Secretary General, POLIS
- **Winfried Hermann**, Minister of Transport, Baden-Württemberg
- **Dr Frank Mentrup**, Lord Mayor of Karlsruhe

11.15

### KEYNOTE SPEAKER

- **Philipp Rode**, Executive Director, LSE Cities, London School of Economics and Political Science (LSE)

### PANEL DEBATE

- **Elodie Hanen**, Deputy Director General, Ile-de-France Mobilités
- **Thomas Becker**, Vice-President Sustainability & Mobility, BMW Group
- **Jill Warren**, CEO, European Cyclists Federation
- **Haya Doudri**, Director Public Policy, Bolt
- **François-Joseph van Audenhove**, Managing Partner, Arthur D. Little
- **Philippe Stadler Benz**, Senior Project Manager First and Last Mile, Swiss Federal Railways, SBB

## LUNCH

13.00 –  
14.30

### MEET THE EXHIBITORS

Our conference partners will host short sessions in the exhibition area. This is your chance to meet and network with companies and organisations developing innovative urban mobility products, services and solutions.

# PARALLEL SESSIONS 2

14.30 -  
16.00

PARALLEL  
SESSIONS

# 2

## 2A. CYCLING ALL THE WAY

**Moderator: Jill Warren**, ECF

- **Cycle highways in an urban context: Cyclostrades in Brussels**  
Tim de Roeck, MINT
- **Quantifying the shifting effects of newly built or improved cycling facilities**  
Martin Loidl, University of Salzburg
- **The “local Mitte” - The Baden-Württemberg approach to sustainable mobility for rural areas**  
Alexandra Kaiser, Ministry of Transport Baden-Württemberg
- **Prospects and challenges of sustainable urban mobility: Potential and limits of cycling in Venice**  
Silvio Nocera & Cristina Bircu, Iuav University of Venice
- **GREENWAY- The future is now**  
Darinka Jug, City of Zagreb
- **How to choose for cyclists and pedestrians at traffic lights**  
Pieter-Jan Kröhle, Stad Gent



14.30 -  
16.00

PARALLEL  
SESSIONS

2

## 2B. MORE SUSTAINABLE MOBILITY THROUGH MULTIMODAL DIGITAL MOBILITY PLATFORMS

- **Together we grow: Strong partnerships for unlocking the full potential of MaaS**  
Fiona Peter, Siemens Mobility
- **Reducing commuting emissions and mobility costs with the mobility budget**  
Andreas Reichert, MOBIKO GmbH
- **How automation, RPAs and integrating solutions provide added value to digital transit services**  
Balázs Ambach, BKK Centre for Budapest Transport
- **How Île-de-France Mobilités addresses mobility challenges in the Paris Region with MaaS: The case of the 2024 Summer Olympic & Paralympic Games**  
Aurelien Belhocine, Île-de-France Mobilités & Françoise Guaspere, Île-de-France Europe
- **Integrating Shared Mobility: A Closer Look into Brussels' First MaaS app - Floya**  
Fanny Mertz, Brussels Mobility & Dagmara Wrzesińska, Trafi

## 2C. MANAGING PARKING: RETHINKING URBAN SPACE

**Moderator: Olivier Asselin, Lille Metropole**

- **Curbing the SUV boom in Paris**  
Clément Sermondadaz, City of Paris
- **Identification criteria for public parking lots serving the city**  
Alexandra Dufay, Bruxelles Environnement
- **Using parking management as a driver for climate protection: How can we contribute with a governance approach?**  
Eric Simon, Ministry of Transport Baden-Württemberg & Fabian Meurer, Nahverkehrsgesellschaft Baden-Württemberg
- **Establishing standards for parking policies: Slovenia's national guidelines**  
Urban Jeriha, IPoP - Institute for Spatial Policies
- **Calculating replacement ratios for car-sharing integration in housing projects**  
Johannes Rodenbach & Esther De Reys, Autodelen.net

## 2D. ROAD SAFETY IN PRACTICE

- **The hidden dangers for motorcycle drivers in the food delivery industry - Time for a regulatory rider safety score**  
Oliver Bath, Sentiance
- **What's actually safe, and what isn't? Learnings from a camera-based behaviour analysis**  
Christy Pearson VOI Technology & Rahul Rajendra Pai, Chalmers University of Technology
- **Development of a safe freight route planner**  
Anton Renard, City of Antwerp
- **Innovation in accident registration**  
Erik Donkers, VIA Software
- **Using AI in the risk-based traffic safety approach**  
Erik Ooms & Robin van der Griend, Mobycon BV
- **PHOEBE: A predictive road safety approach for emerging urban challenges**  
James Bradford, iRAP

## 2E. ENABLING SHARED MOBILITY

**Moderator: Caroline Cerfontaine, ECF**

- **Realising over 1.000 hubs and bicycle parking spots in Eindhoven: How do you choose, prioritise and how do you design them?**  
Bas Kramer & Kim Raijmakers, City of Eindhoven

14.30 -  
16.00

PARALLEL  
SESSIONS

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- **Stationary, free floating, electric: Lessons learned from the last 10 years of carsharing**  
Michael Hagel & Nicolas Leyva, City of Stuttgart
- **Regulatory frameworks for shared mobility services**  
Bram Seeuws, Autodelen.net
- **Unleashing the power of seamless multimodality: Integrating public transport and shared mobility solutions**  
Roland Werner, Uber
- **Mobility hubs Groningen: Moving towards a reshaped and liveable city**  
Sarah Boshuizen & Thijs Oost, Municipality of Groningen
- **Multiple ways to increase public transport usage with MaaS**  
Alexander Bräutigam, FREENOW

## 2F. LOOKING AT LOGISTICS HUBS: FROM LOCAL TO REGIONAL

**Moderator: Laetitia Dablanc**, Université Gustave Eiffel

- **Multi-functional neighbourhood hubs as innovative locations for sustainable urban logistics, mobility and lively neighbourhoods**  
Julia Peleikis, City of Hamburg
- **Collaboration of cities and regions along freight corridors in the Netherlands: Experiences in the functional urban area of Rotterdam**  
Raymond Linsen & Lara-Britt Zomer, Province of South-Holland
- **GASTON: Transforming decision-making in urban and regional freight logistics through a digital twin of Flanders**  
Laura Tavernier Rebel Ports & Logistics
- **A regionwide level playing field for sustainable city logistics**  
Ton Geuzendam & Mark Degenkamp, Vervoerregio Amsterdam
- **Reinventing logistics real estate: Flexible uses of urban space for active deliveries**  
Joy Pasquet, Amazon

## 2G. SUPPORTING SUMPS

**Moderator: Astrid Bjørgen**, SINTEF

- **Europe's Urban Nodes need a SUMP for their FUA soon. Tailored multilayer governance strategies**  
Jochen Maes, Ecorys
- **Improvement of SUMP-Methodology for Climate Mitigation**  
Niklas Sieber, Fraunhofer ISI
- **Climate Mobility Plan: Next generation SUMP for more climate-friendly mobility in Baden-Württemberg**  
Paula Kuss, Ministry of Transport Baden-Württemberg
- **The Mobility of the entire sub-region bundled into one SUMP**  
Mariusz Kawecki, City of Czestochowa
- **Informing, advising, connecting and training: How the State of Hessen (Germany) supports sustainable mobility planning**  
Chelsea Tschoerner-Budde, Ministry of Transport, State of Hessen & Alesya Krit, Competence Center for Sustainable Mobility Planning, State of Hessen

## 2H. SOURCING CITIZEN CHANGE

**Moderator: Jaap Vreeswijk**, Arcadis

- **How the Vervoerregio directly involves citizens in evaluating to what extent mobility projects contribute to wellbeing: Results of a participatory value evaluation**  
Constance Winnips, Vervoerregio Amsterdam & Martijn de Vries, TU Delft

- **Building consensus around street transformations: The StreetForum toolkit**  
Lotte Luykx & Imre Keserü, Mobilise Research Group, Vrije Universiteit Brussel
- **Accelerating the mobility transition – Networking civil society initiatives**  
Sven Kesselring, Nuertingen-Geislingen University
- **Smart and Clean On the Move: How to change behaviour with different approaches**  
Klaas-Jan Gräfe, Groene Metropoolregio Arnhem-Nijmegen
- **Co-creating sustainable urban mobility in Gothenburg**  
Marzia Mazzonetto, Stickydot srl

#### REFRESHMENTS

16.00

INFO SESSION: Get to know POLIS and join!

Get to know PARKPAD

## PARALLEL SESSIONS 3

### 3A. WHAT ABOUT THE MONEY? NEW VISIONS FOR FINANCING SUSTAINABLE MOBILITY

**Moderator: Françoise Guaspare**, Île-de-France Europe

- **Rethinking the mobility funding equation**  
Mickael Tauvel & Arsène Ruhlmann, Arthur D. Little
- **Mobility Impact Markets**  
Erdem Ovacik, Impact Market
- **Redefining urban mobility with subsidies: A Path to sustainable cities**  
Lars Christian Grødem-Olsen, Movability
- **Implementing mobility budgets to address urban mobility challenges: A pilot study on shared mobility, mobility poverty, and incentivizing public transport usage**  
Bea Cleeren, City of Hasselt & Eli Nomes, City of Leuven

16.45 -  
18.15

PARALLEL  
SESSIONS

# 3

### 3B. GEARING UP CITIES AND REGIONS FOR AUTOMATION

- **Societal impacts of automated mobility for public transport: Insights from a modified Delphi study and expert interviews**  
Víctor Ferran, Bax & Company
- **Should city officials take a different perspective on the deployment of autonomous vehicles?**  
Torsten Fleischer, Karlsruhe Institute of Technology (KIT)
- **Integrating Citizen Engagement and Modern Technologies to accelerate CCAM Deployment**  
Maximilian Schrapel, Karlsruhe Institute of Technology (KIT)
- **Autonomous ridepooling for the European mobility transition**  
Rainer Becker, MOIA
- **Automated public transport service from and to Rotterdam-The Hague Airport**  
Robert Kooijman, City of Rotterdam
- **Shaping the future of mobility: Preparing autonomous vehicles for efficient and sustainable public transport**  
Javier Guimera Tena, Padam Mobility & Anna Anund, VTI

16.45 -  
18.15

PARALLEL  
SESSIONS

3

### 3C. UNPACKING URBAN AIR MOBILITY

**Moderator: Sarina Willemsen**, Province of Noord-Holland

- **Cities & regions' needs for innovative aerial services: What is really needed?**  
Vladimir Vorotovic, ERTICO-ITS Europe
- **Madrid UAM Commission to lay the framework for future regulation**  
Pedro Fernandez, Madrid City Council
- **Urban Sky Lab Amsterdam**  
Mark Kanters, INBO
- **Urban Air Mobility: Are cities ready to take off?**  
Renske Martijnse-Hartikka, Forum Virium Helsinki
- **Fostering innovation in A Coruña through the deployment of UAM**  
Marta Tojal, ITG Technology Centre
- **Societal embracement and city engagement in UAM and U-Space development**  
Patrick van Egmond, Luxmobility

### 3D. EXTENDING REGIONAL CONNECTIVITY THROUGH MULTILEVEL GOVERNANCE

**Moderator: Ioannis Anastasakis**, Region of Crete

**Panel discussion with:**

- **Cecilia Braun**, Interregional Alliance for the Rhine-Alpine Corridor EGTC
- **Klemen Gostič**, Regional Development Agency of the Ljubljana Urban Region
- **Georgios Kontos**, Regional Authority FrankfurtRhineMain
- **Torsten Liebig & Eugenia Kolb**, Ministry of Transport Baden-Württemberg
- **Otar Nemsadze**, Rupprecht Consult
- **Lara-Britt Zomer & Raymond Linssen**, Province of South-Holland

### 3E. BIG IS BEAUTIFUL: ELECTRIFYING BUSES AND TRUCKS

**Moderator: Gabriela Barrera**, VUB

- **Considering well to tank emissions and after life recycability of city buses**  
Jan Deman, Busworld Foundation
- **Electrifying municipal trucks - Lessons from the road, evidence from ALBA**  
Bernd-Rüdiger Worm, ALBA plc & Co. KG
- **Energy transition of the Parisian bus fleet - The biggest European bus fleet conversion programme**  
François Warnier De Wail, RATP Group
- **A new generation of electric BRTs for green cities**  
Flavio Grazian, UITP - Union Internationale des Transports Publics & Omar Hegazy, VUB

### 3F. CITIES DELIVERING CHANGE IN URBAN LOGISTICS

**Moderator: Hans Schurmans**, Proximus

- **Transitioning to efficient and sustainable urban logistics - The journey of Utrecht**  
Stan de Caluwe, City of Utrecht
- **More Insight into urban freight: Street level intensity maps**  
Jos Streng, City of Rotterdam
- **White label urban consolidation - Which governance model for sustainable urban logistics?**  
Tim Asperges, City of Leuven & Bart Vannieuwenhuysse, TRI-VIZOR NV
- **Quiet off peak in Stockholm's coming zero emission zone**  
Anja Quester, City of Stockholm



16.45 -  
18.15

PARALLEL  
SESSIONS

3

— **Bruises and bumps en route to bicycle logistics for parcel delivery**

Loesje Van Damme, City of Ghent

— **Multifunctional parcel lockers**

Martin Hansen, City of Aalborg & Asbjørn Drechsler, Homerunner

**3G. PATHWAYS TO CLIMATE NEUTRALITY**

**Moderator: Robin Billsjö**, City of Stockholm

— **How does AI change the governance of (sustainable) mobility?**

Frauke Behrendt, Eindhoven University of Technology

— **Evaluating the effectiveness of multimodal urban mobility hubs to motivate passengers to use more sustainable modes of transport for their first/last mile trip**

Maria Morfoulaki & Kornilia Maria Kotoula, CERTH/HIT

— **Climate City Contract, a tool for developing holistic pathways to climate neutrality**

Anna Huttunen, Climate KIC / NetZeroCities

— **Comparative analysis of national, regional and EU-policy level governance strategies, structures and implementation practices to achieve sustainability objectives and climate neutrality targets in the mobility and transport sector**

Claus Seibt, European School of Governance (EUSG)

— **How can Baden-Württemberg's digital state-wide transport demand model contribute to climate protection?**

Linda Heine, Ministry of Transport Baden-Württemberg & Volker Waßmuth, PTV Transport Consult GmbH

**3H. SHARING IN SUBURBIA**

**Moderator: Angelo Meuleman**, Mpact

— **From pilot projects to firmly anchored public transport offers: Showcasing challenges and opportunities in successfully operating modern mobility solutions in rural areas**

Clemens Deyerling, omobi GmbH

— **Beyond boundaries: Synergies between public transport and carpooling**

Julian Ghaussy, goFLUX Mobility GmbH

— **Carpooling from villages to Denmark's second-largest city**

Ida Blinkenberg Lidell, nabogo ApS & Gustav Friis, Aarhus Municipality

— **Integrating shared mobility: Utrecht's journey towards a unified transport system**

Wouter Slob & Eric van Dijk, Provincie Utrecht

— **Bike sharing works but what about the rural areas?**

Mareike Rauchhaus, nextbike GmbH

18.15

**CLOSE OF DAY ONE**

20.00

**Conference Dinner: Sponsored by Init**

22.00

**POLIS After-Party: Sponsored by Dott**

## PARALLEL SESSIONS 4

### 4A. BETTER URBAN LIVING THROUGH ACTIVE MOBILITY

- **Adopting innovations: Enhancing social feasibility of the implementation of active travel by Incorporating the concept of “General Wellbeing”**  
Anne Kok, Gemeente Den Haag
- **Appropriate active travel facilities for the ageing population**  
Ruth Van Ry, Sustrans
- **Public spaces, walkability, and social participation are key elements of sustainable neighbourhood development and mobility promotion: Concept versus reality check**  
Jessica Le Bris, experience consulting GmbH
- **A farewell to the car-free city - The creation and implementation of the Karlsruhe Public Space and Mobility Plan**  
Leon Legeland, Gehl
- **Healthy cities: Deploying the full potential of health as an urban planning tool**  
Ruth Gow McLenachan, Healthy Cities
- **City Environment Zone (CEZ) in Stockholm’s Old Town**  
Gustaf Krogh, City of Stockholm
- **Smarter streets faster with new digital tools and tactical techniques**  
Alexander Stahle, Spacescape
- **Towards low pollution neighborhoods: Redefining our relationship to cars and diversifying the mobility culture in cities**  
Radcliffe Dacanay, Seattle Department of Transportation (SDOT)

9.00 –  
11.15

PARALLEL  
SESSIONS

4

### 4B. NAVIGATING INTELLIGENT TRAFFIC MANAGEMENT

Moderator: Johanna Tzanidaki, AYA Consulting

- **TANGENT: Lessons from coordinated and dynamic multimodal traffic management implementation**  
Daniel Franco, Rupprecht Consult & Arka Ghosh, University of Deusto
- **Improving Air Quality with traffic management in Hungary: Collaborative solutions and innovative strategies from Budapest**  
Patrik Toth, BKK Centre for Budapest Transport & Lócssei-Tóth Kinga, Municipality of Budapest
- **From digital routes to physical paths: Route planning and wayfinding in a multimodal world**  
Stijn Vernailen, City of Antwerp
- **Digital orchestration of use of public space**  
Daan van der Tas & Vincent Lau, City of Amsterdam
- **Car-Free Grand Prix: How the Dutch bike to track**  
Chris Bruntlett, Dutch Cycling Embassy
- **Navigation 2.0: Transmition of strategies to navigation services - First examples and experiences in Stuttgart**  
Tamara Strassheim & Thomas Oesterle, City of Stuttgart
- **Traffic lights can improve road safety! The Dutch approach**  
Luuk Misdom, City of Helmond
- **Making mobility more sustainable by implementing connected ITS - The TINA-5 project in Almelo, Twente region, The Netherlands**  
Rob Hulleman, Twente2050 / Twente region

- **Driving Towards the Future: TN-ITS and the evolution and role of Digital Mapping**  
Frank Daems, ERTICO

#### 4C. DRIVEN BY DATA

- **Mobility data provision by cities and regions - Working on harmonized European recommendations for data provision in line with the Delegated Regulations of the ITS Directive**  
Patricia Pumpler, AustriaTech
- **Get your (data) power back!**  
Pierre Carbone, enRoute & Tu-Tho Thai, CEN & GT7
- **Exploring the application of data fusion in monitoring sustainable travel in the trans-European transport network**  
Lisa Ecke, Karlsruhe Institute of Technology
- **Digitization and further processing of data from construction sites on roads in Bavaria**  
Andreas Müller, Trafficon - Traffic Consultants GmbH München
- **Enhanced transport demand forecasting & digitalisation**  
Kevin Cox, National Transport Authority - Dublin
- **Action! Elevating digital twins for mobility**  
Sami Sahala, Forum Virium Helsinki
- **AI or BS? Understanding the implications of new technology in mobility management**  
Alex Pazuchanics, VIANOVA
- **Artificial Intelligence assisted pedestrian crowd forecasting Scheveningen Beach, The Netherlands**  
Theivaprakasham Hari, Delft University of Technology
- **How to optimize traffic management with responsible use of AI and improved data quality**  
Carolien Mazal, TomTom / TM2.0

9.00 –  
11.15

PARALLEL  
SESSIONS

4

#### 4D. DISCOVERING THE DIMENSIONS OF A JUST TRANSITION

**Moderator: Zahraa Jawad, EMTA**

- **Transport poverty, the less sexy side of mobility**  
András Ekés, Mobilissimus
- **A paradigm shift towards accessibility justice: The case of job accessibility in the low countries**  
Josefien Hoérée, University of Antwerp
- **Impact and design of Barcelona Low Emission Zone from a social justice perspective**  
Jordi Jové Palou, Àrea de Mobilitat, Transport i Sostenibilitat
- **Navigating accessibility: Lisbon's journey towards inclusive urban mobility solutions**  
Hugo Costa, EMEL - Lisbon's Municipal Company for Mobility and Parking
- **Cycling mothers lead the way to a safer and more inclusive cycling culture**  
Elke Franchois, Mobiel 21
- **Adding a feminist perspective into AMB's transport and mobility**  
Mariona Conill, AMB
- **MyFairShare - Individual mobility budgets as a foundation for social and ethical carbon reduction**  
Kristin Tovaas, AIT Austrian Institute of Technology
- **Open vacancy: Inclusive mobility manager to shape our city beyond the ordinary**  
Sami Angsthelm, Bax & Company & Esen Köse, Mpac
- **SINFONICA: Pioneering inclusive, accessible, and equal CCAM**  
Lars Meijer, Province of Noord-Brabant

9.00 –  
11.15

PARALLEL  
SESSIONS

# 4

## 4E. MOBILITY AS A RIGHT: DRT AND REGIONAL PUBLIC TRANSPORT IN PRACTICE – IN COOPERATION WITH UPPER

**Moderator:** Erin Cooper, KU Leuven

### Panel 1: On demand but not empty: 5 ways to improve DRT

- **Clic.cat: The digitalised DRT in rural areas of Catalonia**  
Albert Guillaumes Marcer & Cristina Pou Fonollà, Generalitat de Catalunya
- **Hop On! On demand transportation service in The Hague**  
Marit Redeker, Municipality of The Hague
- **Improving public transport through on-demand services? Lessons from the “sprinti” project in the Region of Hanover (Germany)**  
Lisa Ruhrt & Victoria Reichow, Difu
- **Accessible mobility for all - A holistic approach for public transport ... and beyond**  
Manuel Quinting, INIT Group
- **The Secret to Filling an On-Demand Bus**  
Charlotte Veldkamp, The Routing Company

### Panel 2: Public transport beyond the city – Improving access at the regional scale

- **Transition from bus ticket just in a city to payment solutions in region PT network in Klaipeda region**  
Andrius Samuilovas, Klaipeda PT authority
- **Removing access barriers to public transport with the seamless tariff and ticketing approaches for Baden-Württemberg**  
Ulrich Lange, eos.uptrade GmbH
- **Towards a new public mobility eco-system**  
Wim Dijkstra, Overijssel Province
- **Building accessibility with collective intelligence & open-source tools**  
Bertrand Gervais, Someware

## 4F. ENHANCING E-MOBILITY IN SMART CITIES AND REGIONS

- **System blueprint for user-centric smart charging & V2X for European cities & regions**  
Shreesha Vaidhya, Rupprecht Consult GmbH
- **FlexCity and Flexpower, City of Amsterdam**  
Hugo Niesing, City of Amsterdam
- **AI to support the electromobility transition in Cities and Communities**  
Pascal Lhoas, LIST
- **How regions can prepare car and truck fleet electrification with economic benefits. Savings from smart charging of passenger EVs and trucks in the department of Essonne, France (south of Paris) by 2040**  
Julia Hildermeier, Regulatory Assistance Project (RAP)
- **Barcelona Metropolitan strategy towards electromobility**  
Sílvia Valero, AMB
- **Powering progress: Electrifying urban mobility in Stockholm**  
Victoria Herslöf, City of Stockholm

## 4G. MEASURING MICRO-MOBILITY

**Moderator:** Philippe Crist, International Transport Forum at the OECD

- **Are micro- and shared- mobility solutions contributing to improving the mobility system?**  
Vadim Panarin, Arthur D. Little
- **The impacts of shared micromobility on the environment in 142 EU cities using big data**  
Kun Gao, Chalmers University of Technology



9.00 –  
11.15

PARALLEL  
SESSIONS

4

- **Learnings from the Shared Micromobility sector - A blueprint for public-private integration?**  
Sebastian Schlebusch, emTransit B.V.
- **E-scooters: Shared vs. privately owned, and e-scooter vs. public transport**  
Nils Fearnley & Espen Johnsson, Institute of transport economics
- **Shared Micromobility: Revolutionizing public transport through last mile connectivity**  
Haya Verwoord Doudri, Bolt
- **Lessons from 9 use cases in 8 European cities on the enablers of shared bicycles**  
Bruno Van Zeebroeck, Transport & Mobility Leuven
- **Why do e-scooter riders ride on pavements? The role of Computer Vision to help cities better understand the rider-infrastructure gap**  
Andrew Fleury, Luna Systems
- **Shared Micro Mobility: The correlation between good parking behaviour and new shared micro mobility parking infrastructure - A guidance for practitioners**  
Anna Montasser, Lime
- **ParkedByMe: Revolutionizing sustainable urban transportation with precise micromobility parking**  
Welmoed Neijmeijer, SparkPark

#### 4H. UPSCALING AND FAST-TRACKING: FROM SMART TO SMARTER CITIES – PART 1

**Moderator: Janneke Brouwer & Evelien Marlier**, New Mobility Services community

- **Solving barriers for cities and scale-ups for successful collaboration in deployment of New Mobility Services**  
Edwin Mermans, Province of Noord-Brabant
- **On the Fast Track: Accelerating urban innovation with RAPTOR – Lessons from three cities**  
Yann Simon, EIT Urban Mobility
- **Responsible mobility & deployment of new mobility services in urban context**  
Margriet van Schijndel – EAISI / Eindhoven University of Technology
- **Reshaping our urban mobility infrastructure with Digital Twins: Examples from three European cities**  
Helber Lopez, Bentley Systems
- **Linking organisational models of smart cities with resilient and transformative approaches: Examples of the funding programme "Model Projects Smart Cities" in Germany**  
Theresa Hohmann & Lisa Dreier, German Institute of Urban Affairs
- **From Pilot to reality: 5 insights for upscaling mobility solutions, with Rotterdam and BMW**  
Vincent Joanknecht, City of Rotterdam
- **Scaling micromobility in European cities**  
Pauline Charrier, VOI

**Further contributions to be announced**

**The session will extend from 14.00 to 16.00: Participants will choose the most promising solutions to overcome barriers by 2025**

11.15

REFRESHMENTS + MEET THE EXHIBITORS

# CLOSING PLENARY SESSION

## CHARTING OR CHANGING THE COURSE?

### OPENING SPEECH

- **Herald Ruijters**, Deputy Director General, DG MOVE

### KEYNOTE SPEAKER

- **Elke van den Brandt**, Minister for Mobility, Brussels Capital Region

### PANEL DEBATE

11.45

- **Eva Oosters**, Deputy Mayor for Zero-Emission Mobility, Utrecht
- **Elke Zimmer**, State Secretary, Ministry of Transport Baden-Württemberg
- **Seb Dance**, Deputy Mayor for Transport, London
- **Tomislav Tomašević**, Mayor, Zagreb

### POLIS AWARD CEREMONY

### CLOSING

- **Karen Vancluysen**, POLIS Secretary General
- **Eva Oosters**, Deputy Mayor, City of Utrecht

13.15

LUNCH

14.15

SITE VISITS – MORE INFORMATION BELOW

POLITICAL GROUP MEETING (POLIS POLITICAL GROUP MEMBERS ONLY)

# SITE VISITS

28 November, meeting time: 14.00.

The meeting point for all site visits is in front of the conference venue.

All site visits will end around 17:00 at the Central Railway Station.

## #1 TRANSPORT TRANSITION IN KARLSRUHE: ACTIVE MOBILITY IN PUBLIC SPACE

As a city committed to transport transition, Karlsruhe aims to systematically and extensively promote cycling and walking, thus making a significant contribution to reducing CO2 emissions. By redistributing traffic space, the city will strengthen sustainable transport and improve quality of life. The so called 'Kombilösung' of Karlsruhe (Karlsruhe Combined Solution) supports this effort by freeing up above-ground traffic space through tunnels for public transport and cars. Join us on a cycling tour to witness this transformation firsthand.

#transporttransition #cycling

— Capacity: 40

## #2 'KARLSRUHE MODEL' AND 'KOMBILOSUNG': EXPERIENCE THE TRAM-TRAIN-SYSTEM AND THE NEW UNDERGROUND OF KARLSRUHE

Established in 1992, the 'Karlsruhe model' revolutionised transport by connecting the surroundings with the city centre with a tram-train system. Instead of passengers transferring, the tram/train seamlessly switches system. In 2022, this innovative approach was enhanced with the addition of the newly built underground in the city centre. You can experience both the tram-train system and the underground by riding a historical tram with us!

#tramtrainsystem #publictransport #fromtheregiontothecity

— Capacity: 35

## #3 VISIT THE NEW DM-HEADQUARTER 'DIALOGICUM'

Consolidating from seven to one, since the completion of the new company headquarters, 4,100 employees of the Karlsruhe-founded company now work at a single location instead of seven. The 'dialogicum' embodies a holistic sustainability concept, featuring a green façade, the use of recycled materials, and prioritising the needs of employees. Join us for a guided tour to learn more about the building and the mobility alternatives available for employees.

#employeemobility

— Capacity: 15



Credit: Stadt Karlsruhe



Credit: Paul Gärtner



Credit: DM

## SITE VISITS



Credit: Paul Gärtner

### #4 HOW TO (SAFELY) GET 5760 KWH ELECTRICITY IN BUSES

The Karlsruhe Transport Authority is converting its bus fleet to electric vehicles—a transition that requires the construction of new depots specifically designed for vehicle charging and fire safety. Join us for a guided tour of the new depot to discover the essential features and considerations involved in planning and building an electric bus facility.

#emobility #buses #depot

— **Capacity: 20**



Credit: Paul Gärtner

### #5 ON-DEMAND MOBILITY WITH AUTONOMOUS VEHICLES IN BADEN-WÜRTTEMBERG'S AUTONOMOUS DRIVING TEST AREA

Karlsruhe has a long tradition in mobility innovation, from the invention of the bicycle to the development of the tram-train system. Today, the city is at the forefront of future mobility concepts, particularly the Test Area for Autonomous Driving Baden-Württemberg (in German: Testfeld Autonomes Fahren Baden-Württemberg, or TAF-BW). This cutting-edge site tests novel mobility systems and integrates individual mobility with public transport. A highlight is the multi-modal route planning, which includes autonomous shuttle bus rides for the first and last mile of transport in Karlsruhe.

#autonomousdriving #minibuses

— **Capacity: 30**



Credit: Andre Kappes

### #6 FOOTBALL MOVES - HOW TO BUILD A NEW STADIUM AND GET 30.000 FANS THERE

In 2023, the Karlsruhe second league club celebrated the inauguration of the new BBBWildparkstadion with a match against Liverpool. Join us for a guided tour of the stadium, where you will learn about the traffic management plan for match days and the role bicycles play in it.

#football #sustainablearrival

— **Capacity: 30**

— **Please Please note:** Currently only offered in German



# POLIS

CITIES AND REGIONS FOR TRANSPORT INNOVATION

ANNUAL  
CONFERENCE

# 2024

## 27-28 NOVEMBER 2024

### KARLSRUHE (DE)

MESSE KARLSRUHE, MESSEALLEE 1,  
76287 RHEINSTETTEN, GERMANY

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Ministry of Transport

