POLIS

CITIES AND REGIONS FOR TRANSPORT INNOVATION

leuven

ANNUAL CONFERENCE 2023

Innovation in Transport for Sustainable Cities and Regions

CONFERENCE PROGRAMME

DATES
29-30 November 2023

VENUE
Brabanthal, Brabantlaan 1, 3001 Leuven, Belgium

AGENDA OVERVIEW

Tuesday 28/11	9.00 - 12.00	**SIDE EVENTS**
	12.00-18.30	**POLIS Annual General Assembly (AGA)** (POLIS members only)
	20.00	**Members Dinner: Sponsored by VIA Software** (POLIS members only)

Wednesday 29/11	8.00	Registration and Welcome Coffee							
		Parallel Sessions I:							
	9.00	1A. Active mobility for all	1B. Green roads ahead: Sustainable approaches to traffic management	1C. Powering the Just Transition	1D. Safety, speeds and schools	1E. Democratising e-mobility	1F. Fixing the last mile	1G. Gender equal mobility: Are we asking the right questions?	1H. Let's co-create!
		Foyer 1	*Foyer 2*	*Cafeteria*	*Terra*	*Millennium*	*Plenary Hall*	*Agora*	*Luna*
	10.30	Refreshments + Meet the exhibitors *(Exhibition Area)*							
	11.15	**Opening Plenary Session: It's the economy, stupid!** *Plenary Hall*							
	13.00	Lunch + Meet the exhibitors *(Exhibition Area)*							
		Parallel Sessions II:							
	14.30	2A. Mobility for proximity	2B. Decoding digital multimodal mobility platforms	2C. Putting cars on the (parking) spot	2D. Leveraging data to advance safety	2E. Governing innovation, innovating governance	2F. Local to global: Integrating urban nodes into the TEN-T network	2G. Next generation SUMPs	2H. Hopping to hubs
		Plenary Hall	*Cafeteria*	*Agora*	*Luna*	*Foyer 1*	*Millennium*	*Foyer 2*	*Terra*
	16.00	Refreshments *(Exhibition Area)*							
		Info session: Get to know POLIS and join! *(Terra)*							
		Get to know PARKPAD: The parking audit tool for Small and Medium Sized cities *(Agora)*							
		Parallel Sessions III:							
	16.45-18.15	3A. Active modes fully activated	3B. Setting the rules of the game: Making cities AV-ready	3C. UVARs: Regulating access, improving the vehicle fleet?	3D. Making micro-mobility safer	3E. Multimodal and Zero-Emissions: Thinking out of the car-box	3F. Regional mobility: Colla-borate to innovate	3G. Digitising mobility in the US and Europe	3H. It's never too late to change
		Foyer 2	*Terra*	*Millennium*	*Luna*	*Foyer 1*	*Agora*	*Plenary Hall*	*Cafeteria*
	20.00	**Conference Dinner: Sponsored by SUUNTA & SWECO** *Sportoase, Philipssite 6, 3001 Leuven, Belgium*							
	22.00	**POLIS After-Party: Sponsored by Ethias** *Sportoase, Philipssite 6, 3001 Leuven, Belgium*							

		Welcome Coffee							
Thursday 30/11	**8.00**	Welcome Coffee							
		Parallel Sessions IV:							
	9.00	4A. Mastering micro-mobility	4B. Digging into mobility data	4C. Mobility as a right, public transport as a service	4D. When urban planning meets logistics: Pathways to SULPs	4E. Embracing the SCALE: Accelerating the growth of e-mobility	4F. Mission Impossible? Towards climate-neutrality by 2030	4G. Stimulating sharing, and also in suburbia	4H. Smart & Just
		Terra	*Foyer 2*	*Foyer 1*	*Agora*	*Luna*	*Plenary Hall*	*Cafeteria*	*Millennium*
	11.15	Refreshments *(Exhibition Area)*							
	11.45	**Closing Plenary Session: Winning elections with sustainable mobility** *Plenary Hall*							
	13.15	Lunch *(Exhibition Area)*							
	14.15	**Site visits**				**Political Group Meeting** (POLIS Political Group members only)			
	17.00	**End of conference**							

Friday 01/12	**9.30**	Welcome Coffee (POLIS Political Group members only)
	10.00 - 12.00	**Political Group Meeting** (POLIS Political Group members only)

Thematic areas:

Environment & Health Traffic Efficiency Access Road Safety & Security Governance & Integration

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8.00	REGISTRATION AND WELCOME COFFEE

PARALLEL SESSIONS 1

9.00 - 10.30

PARALLEL SESSIONS

1

1A. ACTIVE MOBILITY FOR ALL | *FOYER 1*

Moderators: Tim Burns, Sustrans

- **Making walking and wheeling more accessible: Taking an intersectional approach to prioritise underrepresented disabled voices**
  Tim Burns, Sustrans
- **How can people with reduced mobility become an important driver of shared mobility?**
  Esen Köse, Mpact
- **Cycling as an inclusive mode of travel? A study of the diversity of cyclists in Flemish cities**
  Sam Delespaul & Jan Christiaens, Mobiel 21
- **Vélo Solidaire – A bike leasing scheme to support cycling school for disadvantaged residents**
  Christophe de Voghel, Brussels Mobility
- **Walkability App. A tool for community, research and policy towards better decisions and more walking friendly environments**
  Carlos Cañas, Walk21

1B. GREEN ROADS AHEAD: SUSTAINABLE APPROACHES TO TRAFFIC MANAGEMENT | *FOYER 2*

Moderator: Suzanne Hoadley, POLIS

- **The role of intelligent Traffic Light Controllers (iTLC) in Sustainable Urban Mobility Plans**
  Arjan Bezemer, CROW (C-ITS Advies)
- **Exploring proactive traffic management: Introducing bus priority in the opposite lane during rush hour – Pilot project**
  Julija Glisovic, Viken County Council
- **Evaluating the societal benefits of C-ITS**
  Martijn Legêne, Goudappel & Mikael Ivari, City of Gothenburg
- **Real time traffic predictions as the key to future traffic management**
  Edwin Papjes, City of Groningen & Lieuwe Krol, Goudappel

1C. POWERING THE JUST TRANSITION | *CAFETERIA*

Moderator: Laura Babío, POLIS

- **A longterm strategy for a just mobility system in the Vervoerregio Amsterdam**
  Kelly Pronk & Gerard Hellburg, Vervoerregio Amsterdam
- **Increasing transport access through micro-mobility and micro-subsidies**
  Sebastian Schlebusch, Dott
- **Transportation justice in the American context**
  Paulo Nunes-Ueno, Nunes-Ueno Consulting
- **Diverse perspectives, accessibility and inclusivity: From kids to older people, from women to minorities, and from physical to cognitive impairments, active travel is for all. Is everyone being heard?**
  Rachelle Forsyth-Ward, Transport North East

1D. SAFETY, SPEEDS AND SCHOOLS | *TERRA*

Moderator: Michael Hellenbach, City of Berlin

- **Safe to school: A "best of" from Flanders**
  Bart Nobels, VSV (Vlaamse Stichting Verkeerskunde)
- **School transport plans in the City of Bruges: Towards a kids-proof school commute throughout the entire city**
  Idelien Van Laer, Traject NV & Reinout Cloet, City of Bruges
- **Ortsmitte: The Baden-Württemberg Approach to sustainable mobility for rural and suburban areas**
  Christoph Erdmenger, Ministry of Transport Baden-Württemberg
- **Reducing speed in Brussels, measures to support 30km/h in the city**
  Hinko Van Geelen, BRRC & Bastien Demecheleer, Brussels Mobility
- **ISA, get the basics in order faster**
  Erik Donkers, VIA Software & Gerard van Dijck, CROW
- **Say cheese! Together for safer roads with semi-fixed cameras and automated fine and insight management**
  Astrid Thienpont, InTouch Solutions & Carl Schwenke, SecuRoad

1E. DEMOCRATISING E-MOBILITY | *MILLENNIUM*

Moderator: Damien Deroanne, ROMAX Consult

- **Europe is driving electric but are citizens following too? The EAFO 2022 consumer monitor**
  Gabriela Barrera & Dennis Verbist, VUB-MOBI
- **The transition to electric vehicles in Belgium: Why are private customers not buying it yet?**
  Evi Dons, Vias institute
- **Raising awareness on budget-friendly electric and shared mobility**
  Nele Sergeant, Brussels Environment
- **The implications of EU policies for the affordability of car use in the future**
  Rosanne Vanpee, Transport & Mobility Leuven
- **A Just transition to e-mobility? Lessons from American & European communities**
  Aaron Fishbone, GreenWay / Front & Centered
- **Zeroemission mobility made inclusive!**
  Cindy Welters, City of Rotterdam

1F. FIXING THE LAST MILE | *PLENARY HALL*

Moderator: Hans Schurmans, Proximus

- **Linking freight trip generation and commercial curb use**
  Anne Goodchild, University of Washington Urban Freight Lab
- **Roadmap towards safe, efficient, integrated city logistics in Flanders**
  Domien Stubbe, VIL
- **Ecozones, an urban logistics model increasing livability and air quality in cities**
  Eline Camerlinck, Bpost
- **Sustainable neighbourhood logistics: Opportunities for hubs?**
  Wout Nijhuis & Koos Johannes, Amsterdam University of Applied Sciences
- **Making space for logistics – A framework for collection and delivery points in Groningen**
  Lorena Axinte, Bax & Company & Sjouke van der Vlugt, City of Groningen
- **A fundamental last-mile solution within reach: Implementing urban consolidation centers made simple and accessible**
  Angel Batalla, Last Mile Team

1G. GENDER EQUAL MOBILITY: ARE WE ASKING THE RIGHT QUESTIONS? | *AGORA*

Moderator: Isobel Duxfield, POLIS

- **Does MaaS address the challenges of multi-modal families? User perspectives from Brussels, Belgium**
  Erin Cooper, KU Leuven
- **STEP UP: How to improve women's perception of safety while walking through GIS and app-data**
  Lily Scarponi, Fondazione Transform Transport ETS
- **Methodological guide and self-assessment tool to integrate a gender perspective in urban mobility plans**
  Sara Ortiz Escalante, COL·LECTIU PUNT6, SCCL
- **Identifying the biases and gender data gaps in mobility services**
  Lina Mosshammer, Punkt vor Strich

9.00 - 10.30

PARALLEL SESSIONS

1

1H. LET'S CO-CREATE! | *LUNA*

Moderator: Mette Hoé, Ramboll

- **Between strategic, regional and local needs: Citizen participation on a regional scale for the SUMP of the State of Baden-Württemberg**
  Eugenia Kolb, Ministry of Transport Baden-Württemberg
- **A new approach to sustainable mobility strategies in areas of economic activity: The case of Vic and Gurb (Barcelona)**
  Xavier Sanyer Matias, Metropolitan Transport Authority of Barcelona & Joana Rodríguez Bergadà, Municipality of Vic
- **Combo of innovative citizen science and local cohesion ensures modal shift and reduced emissions when school streets are introduced**
  Wouter Florizoone, Telraam
- **Let it seep in! - Depaving and greening our city together with the citizens of Leuven**
  Baptist Vlaeminck, City of Leuven
- **Using a gamified approach for co-creating inclusive public transport in 10 European cities**
  Eli Nomes, City of Leuven

REFRESHMENTS | *EXHIBITION AREA*

MEET THE EXHIBITORS | *EXHIBITION AREA STAGE*
Our conference partners will hold five-minute pitch presentations in the exhibition area. This is your chance to meet and network with companies and organisations developing innovative urban mobility products, services and solutions.

10.30

10:45 – Cegeka

10:50 – Olympus Mobility

10:55 – Cargoroo

11:00 - TotalEnergies Marketing Belgium

OPENING PLENARY SESSION

11.15

ROOM: PLENARY HALL

IT'S THE ECONOMY, STUPID!

WELCOME SPEECHES

- **Karen Vancluysen**, Secretary General, POLIS
- **Mohamed Ridouani**, Mayor of Leuven
- **Gerard Govers**, Vice-Rector, KU Leuven

OPENING SPEAKER

- **Magda Kopczyńska**, Director-General for Mobility & Transport, European Commission

KEYNOTE SPEAKER

- **Philippe Crist**, International Expert Mobility Innovation & Foresight, Thinktavist

PANEL DEBATE

- **Koen Kennis**, Deputy mayor for Mobility, City of Antwerp
- **Hannah van Amelsfort**, Senior Consultant, Goudappel
- **Luca de Meo**, CEO, Renault Group and President of ACEA
- **Kevin Mayne**, CEO, Cycling Industries Europe
- **Fabien Nonnez**, Fulfilment Development, Innovation & Expansion Manager, Inter IKEA Group, ALICE
- **Harriët Tiemens**, Director Metropoolregio Arnhem-Nijmegen

13.00 – 14.30

LUNCH | *EXHIBITION AREA*

MEET THE EXHIBITORS | *EXHIBITION AREA STAGE*

Our conference partners will hold five-minute pitch presentations in the exhibition area. This is your chance to meet and network with companies and organisations developing innovative urban mobility products, services and solutions.

13:30 – Cambio

13:35 – Blue-bike

13:40 – Fifteen

13:45 – EIT Urban Mobility

13:50 – Blue Systems

13:55 – imec

14:00 – Yunex Traffic

14:05 – Cyclomedia

14:10 – Verhofsté

PARALLEL SESSIONS 2

2A. MOBILITY FOR PROXIMITY | *PLENARY HALL*

Moderator: Dagmar Köhler, Mobycon

- **Implementing the 15-minute city: An accessibility and proximity knowledge hub to bring research and practice closer together**
  Ndèye Aïta Cissé & Alain L'Hostis, Université Gustave Eiffel
- **The 10-minute city: One size fits all?**
  Therese Steenberghen, KU Leuven
- **Bicycle-Oriented Development: Going above and beyond the 15-minute-city concept**
  Paul van de Coevering, Stichting Breda University of Applied Sciences & Birgit Cannegieter, APPM
- **Tune our Block! Transferability of Barcelona Superblock concepts in European cities**
  Lisa Ruhrort, Difu
- **Rethinking the historical ring of Mechelen: A multi-layer approach**
  Jeroen Bastiaens, Sweco Belgium

2B. DECODING DIGITAL MULTIMODAL MOBILITY PLATFORMS | *CAFETERIA*

Moderator: Dagmara Wrzesińska, Trafi

14.30 - 16.00

PARALLEL SESSIONS

2

- **Monapass**
  Frédéric Laithier, Flowbird
- **Soft law regulatory framework & a broad analysis of MaaS benefits – for a MaaS community in Turin and Piedmont**
  Carlotta Gasparini, 5T & Gloria Tarantino, City of Turin
- **Driving public transport usage by harnessing the power of mobility super app!**
  David Koral, FREENOW
- **MaaSsive promises – Pragmatic insights & perspectives**
  Francois-Joseph Van Audenhove, Arthur D. Little & Hans Arby, City of Gothenburg

2C. PUTTING CARS ON THE (PARKING) SPOT | *AGORA*

Moderator: Theo Thuis, Q-Park & European Parking Association (EPA)

- **Automated Valet Parking (AVP) as the key to a positive parking agenda in cities**
  Frank Daems, ERTICO
- **Hype or hope – How to increase efficiency with vehicle parking data along real city use cases**
  Lena Heitmann, Mercedes-Benz AG
- **SHARE-North Squared: What does a smart parking policy for car sharing look like? Good practices from on street parking and integration of shared mobility in housing developments**
  Johannes Rodenbach & Esther De Reys, Autodelen.net
- **All our mistakes in the first implementations of parking policies**
  Anja Slapničar, IPoP - Institute for Spatial Policies
- **Enriched Neighbourhoods - Mobility services reducing car use and enabling more housing, more greenery and better public space in car-dominated residential areas**
  Maria Schnurr, RISE

2D. LEVERAGING DATA TO ADVANCE SAFETY | *LUNA*

Moderator: Stuart Reid, Transport for London

- **From the internet to your homes: The impact of parcel deliveries on road safety in Belgium**
  Mathias De Roeck, Vias Institute

- **Leveraging mobility data for safer cities: Multimodal approaches to road safety**
  Anne Legendre, VIANOVA
- **Developing a decision support tool for traffic safety using open data**
  Rodric Frederix, Transport & Mobility Leuven
- **Capacity building by monitoring safety performance indicators for road safety in the Netherlands**
  Eric de Kievit, CROW

2E. GOVERNING INNOVATION, INNOVATING GOVERNANCE | *FOYER 1*

Moderator: Guido Rink, City of Emmen

- **Monitoring the impact of innovations – A concept for supporting R&I solutions in the Austrian mobility system**
  Florian Supe, AustriaTech
- **Accelerating mobility innovation with regulatory sandboxing and knowledge capture – European & international best practices**
  Kim Watts, SAFE/Coalition for Reimagined Mobility
- **Shared mobility is not just a start-uppers' matter**
  Tommaso Bonino, SRM Bologna
- **Innovating governance in the digital age: The case of geofencing**
  Anna Forsell, City of Stockholm & Jan-Hendrik Müller, City of Munich
- **Translation of the ambitious cycling vision of Flanders to the local governments**
  Sofie Van Campenhout, Vlaamse Overheid

2F. LOCAL TO GLOBAL: INTEGRATING URBAN NODES INTO THE TEN-T NETWORK | *MILLENNIUM*

Moderator: Maria Rodrigues, Panteia

- **Strengthening links between TEN-T corridors and urban nodes**
  Tiina Ruohonen, City of Oslo
- **TEN-T and urban nodes: How to bridge the gap?**
  Andrea Pasotto, Roma Servizi per la mobilità Srl
- **The role of airports in TEN-T urban nodes: Air-rail integration and novel airport access options**
  Javier Burrieza, Nommon
- **SUMP for Urban Nodes**
  Wolfgang Backhaus, Rupprecht Consult
- **Redevelopment of the R0 - the ring road around Brussels - in accordance with TEN-T guidelines versus local access on a ring road**
  Frank Vanden Bulcke, De Werkvennootschap

2G. NEXT GENERATION SUMPS | *FOYER 2*

Moderator: Tim Asperges, City of Leuven

- **Planning better for uncertainty in SUMP using different forms of scenarios**
  Tom Rye, Molde University College
- **Planning sustainable urban mobility transitions at the metropolitan scale**
  Juliana Carvalho & Jorge Pinho de Sousa, FEUP - University of Porto | INESC TEC
- **A multi-level governance tool to shape the future's mobility: The Sustainable Regional Mobility Plan for the functional urban area of the Stuttgart region**
  Nadine Müller, Verband Region Stuttgart
- **The third generation of Slovenia's national support programme for SUMP and how it is already improving SUMPs**
  Aljaž Plevnik, Urban Planning Institute of the Republic of Slovenia

14.30 - 16.00

PARALLEL SESSIONS

2

14.30 - 16.00

PARALLEL SESSIONS

2

- **From fragmentation to integration: The role of transition super labs in accelerating the transformation of regions towards climate neutrality**
  Morgane Juliat, Rupprecht Consult & Thomas Meister, Ruhr-Universität Bochum
- **EIB's SUMP capacity building programme**
  Paul Riley, EIB – JASPERS

2H. HOPPING TO HUBS | *TERRA*

Moderator: Angelo Meuleman, Mpact

- **Mobility hubs in Brussels - From policy visioning to implementation**
  Martin Lefrancq, Brussels Mobility & Karolina Borzecka, The New Drive
- **A network of 130 urban mobility hubs to cluster shared mobility**
  Mariet de Haas, Municipality of Rotterdam
- **Local Network of shared mobility hubs in Enschede (NL)**
  Thomas ter Elst, City of Enschede
- **Co-creating multimodal transportation hubs – How to close the gap between actors across different levels, scales, and sectors?**
  Philippe Stadler Benz, SBB AG
- **Mobility Hubs: The journey towards a more sustainable and equitable city**
  Sofia Taborda, EMEL

16.00

REFRESHMENTS | *EXHIBITION AREA*

INFO SESSION: Get to know POLIS and join! | *TERRA*

Get to know PARKPAD: The parking audit tool for Small and Medium Sized cities | *AGORA*

PARALLEL SESSIONS 3

16.45 - 18.15

PARALLEL SESSIONS

3

3A. ACTIVE MODES FULLY ACTIVATED | *FOYER 2*

Moderator: Jill Warren, European Cyclists' Federation

- **Walking and Cycling: The PATH to global change**
  Jill Warren, European Cyclists' Federation
- **Smart cycling**
  Wim Dijkstra, Provincie Overijssel
- **The Smart ways to Antwerp route planner: Multimodal travel advice and ground-breaking live navigation**
  Michiel Penne, City of Antwerp
- **Bicipolitana Bolognese: A cycling-oriented cultural transition**
  Giulia Maroni, Metropolitan City of Bologna
- **Voetgangersbarometer/ Baromètre Piéton - Belgium's first major pedestrian survey**
  Naomé Carmeliet, Voetgangersbeweging vzw
- **Sustainable activation model for daycares and schools – Continuum of increasing capabilities, opportunities and motivation in children and their parents**
  Anna-Kaisa Montonen, City of Turku
- **Supporting cities' innovative bike-friendly street designs: The Bloomberg Initiative for Cycling Infrastructure BICI**
  Ed Lancaster, Global Designing Cities Initiative

3B. SETTING THE RULES OF THE GAME: MAKING CITIES AV-READY | *TERRA*

Moderator: Margriet van Schijndel-de Nooij, Eindhoven University of Technology

- **A roadmap towards automated public transport services in Helmond**
  Patrick Hofman & Matthieu Graindorge, City of Helmond
- **Tele-operation bridging the gap to automated mobility – The 5G-Blueprint project**
  Eric Kenis, Vlaamse Overheid
- **How to prepare the physical and digital infrastructure for CCAM?**
  Gerard Van Dijck, CROW & Peter Morsink, Royal HaskoningDHV
- **Mi-Link - The first scheduled autonomous bus service in the UK**
  John Birtwistle, First Bus
- **How service design affects the impacts of shared autonomous vehicles, a case study for the city of Leuven**
  Lotte Notelaers, KU Leuven

3C. UVARS: REGULATING ACCESS, IMPROVING THE VEHICLE FLEET? | *MILLENNIUM*

Moderator: Rosemarie Cramer, Ministry of Infrastructure and Water Management

- **Low- and zero-emission zones from an equity lens: How European cities and regions financially support the transition to zero-emission vehicles and alternative transport modes**
  Sandra Wappelhorst, ICCT - International Council on Clean Transportation
- **Access management control policies and ITS control in Rome**
  Fabio Nussio, Roma Servizi per la mobilità Srl
- **Implementing zero-emission zones in Amsterdam**
  Tom Groot, City of Amsterdam
- **Zero-emission zones for light and heavy vehicles in the central parts of Stockholm**
  Robin Billsjö, City of Stockholm

16.45 - 18.15

PARALLEL SESSIONS

3

3D. MAKING MICROMOBILITY SAFER | *LUNA*

Moderator: Sarah Lynch, European Commission, DG MOVE

- **On-demand lighting to support active travel in rural areas**
  Lei Chen, RISE & Anna-Sofia Alklind Taylor, University of Skövde
- **Live regulation and risk prediction for electric scooters based on usage sensor data**
  Karolina Aaland & Arve Kirkevold, Norwegian Public Roads Administration
- **How micromobility is leading the way in speed control and safe riding**
  Christy Pearson, VOI Technology
- **Helping visually impaired people navigate the streets safely**
  Dustin Williams, Bolt
- **Taking the principles of inclusive design to make e-scooters safer for all**
  Georgia Heathman, TIER Mobility

3E. MULTIMODAL AND ZERO-EMISSIONS: THINKING OUT OF THE CAR-BOX | *FOYER 1*

Moderator: Theodora Skordilli, CENEX

- **Transformative living labs in urban electric mobility**
  Oliver Lah, Urban Electric Mobility Initiative (UEMI)
- **The energy transition and mobility in the Amsterdam region: Towards a comprehensive regional energy strategy**
  David Uiterwaal & Gerard Hellburg, Vervoerregio Amsterdam
- **Decarbonisation through innovation: Upscaling e-bus charging infrastructure**
  Iván López de la Casa, EMT Madrid

Alternatives to oversized cars
Barend Jansen, Province of South-Holland
Cargo bikes: A relevant solution for urban freight?
Jacques Menu, Urbike

3F. REGIONAL MOBILITY: COLLABORATE TO INNOVATE | *AGORA*

Moderators: Chris de Veer, Province of Noord-Holland & **Wolf Engelbach**, Ministry of Transport Baden-Württemberg

Employers' approaches to sustainable mobility management in the Ljubljana urban region
Klemen Gostič, Regional Development Agency of the Ljubljana Urban Region
The 2040 Ile-de-France Region Environmental Master Plan (SDRIF-E)
Françoise Guaspare & Justin Le Bihan, Ile-de-France Europe
The Cycle Superhighway collaboration – A unique regional cycle collaboration
Signe Helledi, Cycle Superhighways Capital Region, Denmark

3G. DIGITISING MOBILITY IN THE US AND EUROPE | *PLENARY HALL*

Moderators: Andrew Glass Hastings, Open Mobility Foundation & **Philippe Crist**, OMF Advisory Board

Connie LLanos, Former Los Angeles Department of Transportation
Ramses Madou, City of San Jose
Carlos Cruz-Casas, Miami-Dade County
Gemma Schepers, City of Amsterdam
Jessica Gilsoul, Brussels Mobility
Adrià Gomila, Barcelona City Council

3H. IT'S NEVER TOO LATE TO CHANGE | *CAFETERIA*

Moderator: Caroline Cerfontaine, ECF

Lessons from a national emergency active travel programme
Heid Jerstad, Sustrans
30 days going on 365: Lessons learned from the '30 Days of Less Cars' campaign
Esen Köse, Mpact & Barbara Janssens, Netwerk Duurzame Mobiliteit
Pin Bike: Understanding and nudging sustainable urban mobility
Annarita Leserri, Pin Bike
Bruxell'Air subsidy: Get rid of your car and get a sustainable mobility budget!
Elodie Mertz, Brussels Environment
"Using the car? What do(n't) you think?" Incentives/drivers for car use collected
Kevin van der Linden, City of Rotterdam

16.45 - 18.15

PARALLEL SESSIONS

3

18.15 **CLOSE OF DAY ONE**

20.00 **Conference Dinner | Sponsored by SUUNTA & SWECO**
Sportoase, Philipssite 6, 3001 Leuven, Belgium

SUUNTA wegwijzer in mobiliteit   **SWECO**

22.00 **POLIS After-Party | Sponsored by Ethias**
Sportoase, Philipssite 6, 3001 Leuven, Belgium

ethias

8.00	WELCOME COFFEE	

PARALLEL SESSIONS 4

9.00 – 11.15

PARALLEL SESSIONS

4

4A. MASTERING MICROMOBILITY | *TERRA*

Moderator: Pedro Homem de Gouveia, POLIS

- **Meta-analysis of e-scooter's car mode replacement and what it explains**
  Nils Fearnley, Transportøkonomisk Institutt
- **Antwerp's micromobility policy**
  Jelle De Keyser, City of Antwerp
- **Micromobility policy matters: Leveraging tech to achieve better outcomes**
  Scott Shepard, Drover AI
- **From targeting e-scooters as a local problem to governing micromobility as part of the solution**
  Kamilla Kjølberg & Arve Kirkevold, Norwegian Public Roads Administration
- **From chaos, clutter and collisions to a micromobility revolution: Oslo's success story**
  Christina Moe Gjerde, VOI Technology
- **Unlocking shared scooter potential: A comparative analysis of regulatory models**
  Eirini Zafeiratou, Bolt
- **Ask for permission, not forgiveness: Lessons learned from the evolution of shared mobility regulation**
  Maxim Romain, Dott
- **Yesterday, today, and tomorrow: An evolution of London's E-Scooter digital regulation**
  Teddy Howard, Transport for London
- **Taxing shared micro mobility: Best practices from cities**
  Xavier Mirailles, Lime

4B. DIGGING INTO MOBILITY DATA | *FOYER 2*

Moderator: Tu-Tho Thai, ITxPT

- **Mobility map boosting sustainable mobility**
  Stella Aaltonen, City of Turku
- **Tools for mobility data analysis**
  Nerea Rojas, MLC-ITS Euskadi
- **Regional data team, shared costs, shared data, shared knowledge**
  Eric van Dijk & Waldo Kolk, Province of Utrecht
- **GBFS: From bikeshare to MaaS**
  Josée Sabourin, MobilityData
- **Connecting the dots – How in-car notifications can change urban mobility for the better**
  Marcus Knoppik, Mercedes-Benz AG
- **Keeping grip on traffic by ensuring high-quality data for in-car traffic information services**
  Gerard Martens, VM-IVRA (Talking Traffic Programme) & Vincent Lau, City of Amsterdam
- **Bringing transport data into the digital age**
  Thomas Oesterle & Tamara Strassheim, City of Stuttgart
- **Unlocking the value of data through Drive Sweden's Innovation Program**
  Malin Andersson, Drive Sweden & Jonas Järnfeldt, The Train Brain & Jonathan Selbie, Univrses

4C. MOBILITY AS A RIGHT, PUBLIC TRANSPORT AS A SERVICE - IN COOPERATION WITH UPPER | *FOYER 1*

Moderator: Erin Cooper, KU Leuven

- **A new public transport business model for quality of life**
  Mark Degenkamp & Constance Winnips, Vervoerregio Amsterdam
- **Creation of a new regional rapid transit bus network (BRT)**
  Cédric Aubouin, Ile-de-France Europe
- **Making Bologna's public transport and mobility services smarter and more sustainable**
  Mauro Borioni Metropolitan City of Bologna
- **UPPER's tools and methods for better public transport**
  Mircea Steriu, UITP
- **Navigating complex technology needs for public transport: Publicly available decision-making tools & methods**
  Janae Futrell, Civic Sphere
- **The potential of Smart Mobility Hubs – Results of a large-scale choice experiment**
  Kelt Garritsen, University of Twente
- **How integrating the bike sharing system with public transport can replace car trips and decongest popular public transport lines**
  Marion Galan Alfonso, Donkey Republic

9.00 – 11.15

PARALLEL SESSIONS

4

4D. WHEN URBAN PLANNING MEETS LOGISTICS: PATHWAYS TO SULPS | *AGORA*

Moderator: Paola Cossu, Fit consulting srl

- **Roadmapping urban freight governance: Sustainable visions, targets, and pathways for SULPs and LEZs/ZEZs**
  Arnaud Touillon, Populus
- **SULPs: Building a governance, integrating urban freight in public policies and moving into action/implementation**
  Lucie Carriou & Hélène de Solere, CEREMA
- **New SULP for Stockholm – A roadmap to 100 % electrified freight transport by 2030**
  Victoria Herslöf, City of Stockholm
- **The Rotterdam Roadmap: 3 years of experience in preparing the city for a 40 km2 Zero Emission zone for City Logistics**
  Tim Sjouke & Jos Streng, City of Rotterdam
- **Towards zero emission logistics - the Brussels Green Deal**
  Lucas Demuelenaere, Brussels Capital Region
- **Local shops, sustainable drops: How the city of Leuven empowers local businesses while talking sustainable city logistics**
  Marij Lambert, City of Leuven
- **Consolidated zero-emission deliveries for 1 shopping street under reconstruction**
  Roos Lowette, City of Mechelen
- **Stakeholder engagement in the Sustainable Urban Logistics Planning: the case of Rome**
  Edoardo Marcucci & Valerio Gatta, Roma Tre University
- **TACTIC (Tools for locAl Commerce logisTICs) Living Lab Barcelona**
  Ariadna Sancho Garcia, Barcelona City Council

4E. EMBRACING THE SCALE: ACCELERATING THE GROWTH OF E-MOBILITY | *LUNA*

Moderator: Marisca Zweistra, ElaadNL

- **Smart charging with 100% green and locally produced energy in Mechelen**
  Veerle De Meyer, City of Mechelen & Emmanuel Vierstraete, Ingenium
- **Developing market driven charging networks: Lessons from Turku's charging masterplan**
  Jussi Saari, City of Turku

Data-driven rollout strategy of public charging infrastructure for battery electric vehicles in a city context
Stefan Sallinger, VUB-MOBI & Damien Sury, Brussels Environment

eCharge4Drivers - Electric Vehicle Charging Infrastructure for improved User Experience
Angel Lopez Rodriguez, Barcelona City Council

Panel discussion:

Transforming urban EV charging Infrastructure: How UZE is empowering sustainable cities
David Coertjens, UZE

Mapping out the future of charging
Gijs van der Poel, Urbanista Analytics

Flex and the city: Why EV smart charging is a great match for consumers and the city's energy network
Jaap Burger, Regulatory Assistance Project

Flexible and smart charging
Mette Hoé, Rambøll

Smart e-mobility in cities
Stefaan De Ganck, TotalEnergies Charging Solutions Belgium

9.00 – 11.15

PARALLEL SESSIONS

4

4F. MISSION IMPOSSIBLE? TOWARDS CLIMATE-NEUTRALITY BY 2030 | *PLENARY HALL*

Moderator: Françoise Guaspare, Île-de-France Europe

Leuven's first Climate City Contract – the road towards a climate neutral city
Jessie Van Couwenberghe, City of Leuven & Katrien Rycken, Leuven 2030 vzw

Aligning transport decarbonisation across policy levels
Henrik Gudmundsson, Concito

The perspective of climate-friendly urban development and mobility: A comparison of 10 European cities
Martina Hertel, Difu

Patterns CO2: Data to measure modal shift and carbon footprint over a territory
Sylvain Hippolyte, Hove

Exploring new ways of stakeholder involvement and commitments to sustainable mobility. Focus on the urban mobility commitments in the Leuven Climate City Contract
Hans Tindemans, Sweco Belgium & Tim Asperges, City of Leuven

Panel discussion:

Mission cities

Tim Asperges, City of Leuven

Robin Billsjö, City of Stockholm

Vita Kontić, City Ljubljana

Jan Kees Kleuver, City of Groningen

Silvia Basenghi, Metropolitan City of Bologna

4G. STIMULATING SHARING, AND ALSO IN SUBURBIA | *CAFETERIA*

Moderator: Jeffrey Matthijs, Autodelen.net

Solving challenges that shared mobility faces in 2024
Harry Maxwell, Fluctuo

Shared mobility as a shared responsibility: Which public-private funding options lead to access for all?
Birgit Cannegieter, APPM & Astrid Zwegers, City of Eindhoven

Bicimad: Bicycles for all, all over Madrid
Pedro Fernández, Municipality of Madrid

Cash-back system for kick-starting new mobility services with a high service level
Hilke Evenepoel, City of Leuven

Promoting sustainable and demand-responsive transport services in rural and suburban areas
Martin Schiefelbusch, NVBW - Nahverkehrsgesellschaft Baden-Württemberg mbH & Benedikt Krams, Match Rider GmbH

Implementing the largest European e-motosharing in the Barcelona metropolitan area
Mariona Conill de Azpiazu, Barcelona Metropolitan Area

Decarbonisation and optimisation of suburban mobility
Santosh Rao Randa, Uber

On-demand transport – How to avoid the pitfall of low productivity
Lukas Foljanty, The Routing Company

9.00 – 11.15

PARALLEL SESSIONS

4

4H. SMART & JUST | *MILLENNIUM*

Moderators: **Nina Nesterova**, Breda University of Applied Sciences & **Tessa Dwyer**, SmartwayZ.NL

Can politicians make a difference in large scale deployment of new mobility services?
Arno Bonte, City of Helmond

Deployment of New Mobility Services whilst boosting just transition to leave no one behind
Edwin Mermans, Province of Noord-Brabant

Involving citizens in transformation to smart, sustainable urban mobility: Easier said than done
Delphine Grandsart, European Passengers' Federation

How to enable public transport to compete with the convenience of cars
Dami Adebayo, The Routing Company

NXTMobility: Co-creating the building blocks for smart and integrated mobility
Stijn Vernaillen & Emilie Couwenberg, City of Antwerp

Practical tools to make cities and neighbourhoods more accessible and inclusive
Luana Bidasca, EIT Urban Mobility

Start and scale-ups as catalysts in deployment of new mobility services
Janneke Brouwer, Mobility Lab & New Mobility Services community

Data 4 Oeiras: From Building to the Municipal Level, an Accessibility Index
Nuno Alpalhão, NOVA IMS - Universidade Nova de Lisboa

Driverless technology boosting the uptake of new mobility services
Guido di Pasquale, PAVE Europe

CityFlows - Toolbox
Yanick Van Hoeymissen, Imec

CIVITAS and deployment of smart, sustainable, connected, shared urban mobility involving all stakeholders
Octavia Stepan, CINEA

Unlock full scale-up potential in a maturing mobility market
Niki Sie, Tekkoo

Mainstream shared mobility complementary to public transport, walking and cycling to make cities better
Tjalle Groen, Mpact

11.15   REFRESHMENTS + MEET THE EXHIBITORS | *EXHIBITION AREA*

CLOSING PLENARY SESSION

11.45	*ROOM: PLENARY HALL* **WINNING ELECTIONS WITH SUSTAINABLE MOBILITY** **OPENING SPEECH** - **Georges Gilkinet,** Deputy Prime Minister & Minister for Mobility, Belgium - **Lydia Peeters**, Minister for Mobility & Public Works, Flanders Region **KEYNOTE SPEAKER** - **Stefaan Walgrave**, Professor of Political Science, University of Antwerp **PANEL DEBATE** - **Filip Watteeuw**, Deputy Mayor for Mobility, City of Gent - **Eugenio Patanè**, Deputy Mayor for Mobility, City of Rome - **Lars Strömgren**, Deputy Mayor for Mobility, City of Stockholm - **Eva Oosters**, Deputy Mayor for Zero-emission mobility, City of Utrecht - **Elke Zimmer**, State Secretary for Transport, State of Baden-Württemberg **POLIS AWARD CEREMONY** **CLOSING** - Handover of POLIS Presidency from **David Dessers**, Deputy Mayor of Leuven to new President-Elect - Welcome to POLIS Conference 2024

13.15	LUNCH | *EXHIBITION AREA*
14.15	SITE VISITS – MORE INFORMATION <u>HERE</u>
	POLITICAL GROUP MEETING (POLIS POLITICAL GROUP MEMBERS ONLY)

MEET OUR PARTNERS!

GET TO KNOW OUR PARTNERS. HERE IS WHY YOU SHOULD NOT MISS OUT:

Uber's mission is to create opportunity through movement. This online platform started in 2010 to solve a simple problem: how do you get access to a ride at the touch of a button? By changing how people, food, and things move through cities, Uber is a platform that opens the world to new possibilities.

EIT Urban Mobility is an initiative of the European Institute of Technology (EIT), a body of the European Union. As Europe's largest network for transport innovation in cities, EIT Mobility accelerates the transition to decarbonised and sustainable urban mobility, connecting key players from industry, research, academia, and the public sector.

Sweco operates at the centre of the green transition. Its architects, engineers, and experts co-create solutions together with clients to transform societies. Sweco offers services in buildings and urban areas, water, energy and industry, and transportation infrastructure. Its team is guided by the belief that everyone should be empowered to make a difference.

imec is a world-renowned research centre and innovation hub that believes in the contribution of technology to a better future. Its researchers, project managers, and developers have years of experience working on urban mobility and logistics topics. Together with both private and public stakeholders, they deliver innovative, data-driven solutions and AI applications that enable digital transformation and just policymaking.

SUUNTA is a Leuven-based company providing governments and private parties with advice on a wide spectrum of mobility topics. In doing so, it helps to tackle complex mobility-related challenges and sets the pace for sustainable transport and traffic solutions.

TotalEnergies Belgium is a provider of gas and electricity for individual households, businesses, and local communities. Its goal is to help users meet their needs effectively and limit energy waste. To make the clean energy transition successful, TotalEnergies shares its best practices to ensure that clients get the expertise, products, and services they need.

Blue Systems is a data company that helps cities optimise urban mobility with equity, efficiency, accessibility, and vision zero in mind. It gives cities the tools to monitor and analyze their data, which in turn allows them to enact and enforce data-driven regulations in near real time. Blue Systems' mission is to make cities better places to live, with safer streets, a wider variety of available mobility options, optimized curb space, cleaner air, and reduced traffic.

Yunex Traffic offers cities innovative solutions to ensure safer, more efficient, and more sustainable transportation as they continue to grow. From adaptive traffic control to highway and tunnel automation and Parking Guidance Systems, Yunex is a global leader in shaping smart cities by blending freedom, safety, climate goals, and digital advancement.

Cambio is a car-sharing platform committed to the idea that car-sharing can enhance mobility with fewer cars and a lower ecological impact. Alongside its members, Cambio strives to contribute towards a better planet at the local level by guaranteeing a fair car-sharing price for everyone.

The **Blue-bike** bike-sharing project has been promoting combined mobility since 2011. With the support of local authorities and commercial partner Ethias, it also provides bike maintenance and assistance. In 2022, over 30,000 Blue-bike members took 300,504 rides from 110 locations in Belgium.

Fifteen's goal is to make cycling the obvious choice for daily commutes in cities of all sizes around the world. Already, Fifteen supports more than 30 cities globally and is rapidly expanding its footprint thanks to the Augmented Bike Networks, its line of next-generation bike-sharing systems.

Cyclomedia's mission is to help public sector organisations and businesses assess outdoor infrastructure and plan improvements more efficiently, effectively, safely, and sustainably. To do so, it captures data from the real world using the world's most advanced 360° street-level visualisations, enhanced by innovative AI-powered analytics, and transforms it into valuable, high-accuracy, 3D insights that can be used to build a better tomorrow.

Verhofsté is Belgium's leading producer of top-tier, made-to-measure bike parking units and shelters. Quality is assured at Verhofsté, with certified welders busy in the workshop and permanent teams responsible for in-house assembly. As they embark on their international journey, Verhofsté is thrilled to showcase 'Horta' at this year's POLIS Conference – the smart individual bike box.

Founded in 1984, **VIA** has nearly 40 years of experience developing software programmes that support organisations in their battle against unsafe roads. Their mission is simple: to deliver road safety as a service. Toward this goal, they work to build up local capacity in road safety by providing easy-to-use software that makes use of national data deployed by local road authorities and police.

For over 100 years, **Ethias** has stayed committed to the idea that in order to shape a sustainable society, all residents, governments, and businesses must be secured. As a top Belgian insurer and a historical partner of Belgium's local governments, it feels responsible for offering everyone the certainty, security, and perspective they need.

Optimal Parking Control provides parking management services on public roads as well as development, construction, and management services for underground and above-ground garages. It customises its approach to the needs of every project and deploys the most innovative and sustainable technologies to provide clients with their ideal parking solution.

Telraam, **Transport & Mobility Leuven** and **Mobiel 21** are Leuven-based mobility players with broad expertise in the field of traffic and mobility management. During the POLIS conference, they will bring together their complementary knowledge and expertise in a joint exhibition stand where, among other things, they will focus on their experiences and the added value they bring to citizen science.

Standab is a Swedish infra-tech company that specializes in micromobility parking and smart city solutions. It aims to unlock the future of e-scooters and e-bikes with modular, scalable, and intelligent parking and electric charging for e-scooters and e-bikes. By collaborating closely with micro-mobility operators, Standab has already helped more than 45 cities meet their need for supportive parking infrastructure.

bpost is a trusted Belgian postal operator and global parcels and e-commerce logistics provider. In recent years, it has been working hard to make its services more sustainable, such as with the bpost EcoZones. Through lockers and manned pick-up points at walkable distances, bpost's EcoZones change the preferences and habits of sending and receiving parcels away from home. Within EcoZones, bpost delivers all parcels emission-free by bike trailers and e-vans, enhancing livability and air quality in Belgian city centres.

Siemens Mobility, a Siemens AG subsidiary with over 175 years of experience, excels in intelligent transport solutions. Their expertise spans rolling stock, rail automation, electrification, software, turnkey systems, and services. Through subsidiaries **Hacon** and **Padam Mobility**, passengers benefit from seamless, app-based travel solutions, enhancing global mobility operations.

InTouch provides total peace of mind to cities, municipalities, and police departments with its intuitive software for admissions, permits, enforcement, and permit processing. The software gives cities and police departments more breathing space by developing solutions that simplify cooperation between them.

SecuRoad is an expert in the field of traffic safety and speed enforcement. For more than 20 years, it has been delivering traffic products and services to clients across Belgium. By providing guidance to cities and provinces on how to implement new technologies and road safety measures, SECUROAD helps to ensure that roads are safer for users.

BioUltra Transport Solutions (BUTS) co-creates solutions for waste-powered transport in cities, towns, and regions, enhancing people's quality of life in urban, suburban, and rural areas. It designs a range of trams, trains, and refuelling equipment. Their self-powered hybrid vehicles are all carbon-neutral and make use of state-of-the-art drive systems and fuel storage technologies.

ANYWAYS is a software company providing data-driven traffic management solutions for cities. With the digital tools provided by ANYWAYS, cities can edit, test, and publish their transport scheme scenarios, conduct better traffic impact assessments, and manage low-traffic neighbourhoods, road works, and cycling networks more effectively. Its main mission is to help cities plan transport with data in mind.

Founded in Hamburg in 2009 as mytaxi, **FREENOW** is the mobility super app with the largest vehicle choice for consumers in Europe, available in nine markets and in over 150 cities. Users can access all types of mobility services within a single app including taxis, Ride (private hire vehicles - PHV), carsharing, e-scooters, e-bikes and e-mopeds, and public transport.

Vianova provides data analytics solutions to help improve mobility, from enabling regulation of shared mobility to transforming last-mile deliveries and mapping road risk hotspots. It serves governments and companies across the globe to change the way people and goods move.

XenomatiX is the company behind XenoTrack, a lidar sensor technology that scans and digitises the pavement of roads with millimetre-sharp accuracy. Designed for high-performance road inspection, it unlocks every detail of the 3D road geometry and works both in real-time and in post-analysis.

Advisory firms **APPM** (NL) and **The New Drive** (BE) have come together with the shared mission of making the world more beautiful. Through The New Drive platform, they help governments, businesses, and network organisations in cities and rural areas develop workable solutions in the fields of mobility, energy and climate, infrastructure, water, and area development.

Ito World solves transportation challenges across the world every day by delivering real-time transit data feeds for journey planners and a shared platform for transit authorities and operators. It works with some of the largest technology companies worldwide, powering truly multimodal mobility solutions.

Cegeka is a European provider of IT solutions, services, and consultancy for businesses. It aims to achieve a tangible impact for its more than 2,500 clients by delivering solutions that accelerate growth in a seamless and non-disruptive way. As a frequent IT partner in projects to build smarter cities, Cegeka can offer expertise on data platform management, digital twinning, AI chatbots, and the deployment of drones for emergency services, among others.

Populus is a platform that helps cities manage connected vehicles to deliver safer and more sustainable streets. Over 100 cities around the world rely on it to receive GPS data from commercial vehicles and are leveraging the platform to create, manage, and enforce policies that prioritize the transition to lower-carbon transportation.

Olympus Mobility simplifies corporate mobility with a Mobility-as-a-Service (MaaS) app that brings different mobility options together in one place. The digital platform makes administrative processes easier, allows users to access train and bus tickets through banking apps like KBC, and educates city residents and visitors about alternative modes of mobility.

For over 80 years, **3M** Commercial Branding and Transportation Division has been dedicated to improving transportation infrastructure and mobility so that road users can arrive at their destinations more safely. With its high-performance materials, it helps make better roadway systems a reality.

GEOSPARC is the Belgian technology company behind the ParkTrack and Spotbooking software platforms. Its purpose is to "make the impact of policies predictable". Based on this idea that data can become the fuel for knowledge, GEOSPARC platforms collect, store, clean, and aggregate data from different IoT devices, thereby facilitating data-driven processes for their customers.

UZE revolutionises urban EV infrastructure with its mobile EV charging service. By converting any parking spot into a potential charging station, it boosts convenience for EV owners, supports car sharing, aids cities in their green transitions, and addresses urban charging challenges, making sustainable mobility more accessible and efficient.

Dott is a European micro-mobility operator with the mission to free Europe's cities with clean rides for everyone. It currently operates over 40,000 e-scooters and 10,000 e-bikes in top cities in Belgium, France, Israel, Italy, Poland, Spain, and the United Kingdom. Dott has a staff of over 600, with its main teams located in Amsterdam, London, and Paris.

Rupprecht's vision is to make an important contribution to the transformation towards sustainable and decarbonised mobility systems in cities and regions. The path it follows is through livability for all, which is why its 30-person team works every day with passion and dedication to those they serve.

xyzt.ai is the go-to, no-code visual analytics platform for smart mobility. It equips analysts with powerful tools to explore data, enabling informed decisions in impact analytics, safety assessment, road quality, emissions tracking, and EV charging. Easily accessible and comprehensive, it drives smart mobility advancement.

Cargoroo is the leading provider of shared electric cargo bikes in Europe. It has fleets in several cities in the Netherlands, Belgium, Germany, and France, and serves a loyal customer base consisting of families with children, students, starters, and small business owners. For cities, Cargoroo offers a sustainable mobility alternative with its motto: 'No car, no problem!'

Baden-Württemberg is a region in Southwest Germany and the third-largest German state in terms of both population and area. For years, the region has been aiming to pave the way for modern and sustainable mobility, redirecting its efforts in several areas. Today, it is on a mission to become carbon neutral.

GET IN TOUCH WITH EXHIBITING PROJECTS:

ENTRANCE is an EU-funded H2020 project with a unique matchmaking platform for innovators, providers, and buyers to scale up one-of-a-kind solutions and technologies. Its aim is to help reduce CO2 emissions caused by all transport subdomains in Europe: land, water, air, and rail.

Where internal resources and skills make the digitisation process cost-prohibitive, NEMI's holistic **DigitalBus** tool combats poor management and impoverished user service. Bringing the digitalisation of public buses within the reach of all operators (irrespective of their size or volume of passengers), the NEMI tool represents a huge step forward for mobility-starved areas, fostering economic development, and improving social equity.

The vision of **SPINE** (Smart Public transport Initiatives for Climate-Neutral cities in Europe) is to accelerate the progress towards climate neutrality by reinforcing public transport systems with new and micro-mobility services, sharing schemes, and active transport modes. It adopts an equity-centred design-thinking approach in its efforts to promote efficient, sustainable, resilient, and inclusive public transport.

The Horizon2020 project **ESRIUM** targets the safety and resource efficiency of transport on European roads. Its key innovation is a validated prototype consisting of a sensor system, reliable EGNSS integration, a data management platform, an AI prediction algorithm, a road-wear map service, and routing recommendations via C-ITS services.

REACTIVITY is a project by EIT Urban Mobility. It promotes intermodal active mobility by offering rewards to be spent in local shops in Braga (PT) and Lecce (IT). In addition, REACTIVITY provides local authorities with useful data to inform policies and investments in sustainable urban mobility.

Unlocking the potential of data reuse is essential to address the mobility challenges faced by cities and regions today, from traffic congestion to accessibility and safety. Effective use of data can help inform decisions about transportation planning and policy, which is why the European Commission offers the **Big Data Test Infrastructure** (BDTI), a free, ready-to-use, open-source stack to help public administrators, startups, and academic institutions analyse data and address mobility challenges.

MegaBITS is an Interreg North Sea Region project that helps five cities and regions apply ITS solutions to boost cycling and reduce emissions. Demonstrations include Smart Cycling Corridors, traffic management, digitization, and data fusion. Mobycon coordinates the project on behalf of the Province of Overijssel.

ORCHESTRA and **TANGENT** are EU-funded projects aiming to enhance multimodal traffic management. ORCHESTRA focuses on bridging the current silos within traffic management by enabling transport mode, stakeholder responsibilities, information, and governance coordination. TANGENT is developing tools and dashboards for traffic agents and decision-makers that will be tested in Athens, Greater Manchester, Lisbon, and Rennes.

Through the Urban Air Mobility (UAM) projects **MAIA** and **MUSE**, POLIS supports improvements to aerial passenger and cargo transport in urban environments and better integration of UAM into multimodal transport systems. Given cities' and regions' role in addressing the aerial dimension of mobility, POLIS supports local authorities' capacity building and knowledge exchange through EU-funded research. In particular, it pays heed to new technologies, such as electric aircraft that take off and land vertically (eVTOLs), which may be remotely piloted or flown with a pilot on board.