



POLIS

CITIES AND REGIONS FOR TRANSPORT INNOVATION

2021 POLIS CONFERENCE

Innovation in Transport for
Sustainable Cities and Regions

1-2 DECEMBER, 2021
GOTHENBURG, SWEDEN

Lindholmen Conference Centre
Lindholmspiren 5 | 417 56 Gothenburg

DRAFT
CONFERENCE
PROGRAMME

AGENDA OVERVIEW

| | | | | | | | | |
|--------------------|--------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------|-----------------------------------------|-----------------------------------------------------|---------------------------------|
| Tuesday 30/11 | 9.00 - 12.00 | SIDE EVENTS | | | | | | |
| | 12.00-17.00 | POLIS Annual General Assembly (AGA) | | | | | | |
| | 19.00 | Members Dinner (POLIS members only) | | | | | | |
| Wednesday 01/12 | 8.00 | Registration and Welcome Coffee | | | | | | |
| | 9.00 | Parallel Sessions I: | | | | | | |
| | | 1A. Active mobility for all! | 1B. Traffic management of the future | 1C. The vertical dimension | 1D. Clean Air now! | 1E. Size doesn't matter | 1F. Public transport strategies for the next decade | 1G. Governing innovation |
| | 10.30 | Refreshments | | | | | | |
| | 11.15 | Opening Plenary Session: Agents of Change: Local Leaders Initiating Innovation | | | | | | |
| | 13.00 | Lunch + Meet the exhibitors | | | | | | |
| | 14.30 | Parallel Sessions II: | | | | | | |
| | | 2A. Towards the 15' City | 2B. Towards the digital transition | 2C. Managing city-changing infrastructures | 2D. Hydrogen beyond the hype | 2E. Capacity to get road safety rolling | 2F. The recipe for MaaS | 2G. The science of the citizen |
| | 16.00 | Refreshments | | | | | | |
| | | Info session: Get to know POLIS and join! | | | | | | |
| | 16.45-18.15 | Parallel Sessions III: | | | | | | |
| | | 3A. Bike a bit longer | 3B. Leveraging data to improve transport planning and management | 3C. Beyond 'just' parking – Park here for modal shift | 3D. MaaS: From theory to practice | 3E. Going beyond crash data | 3F. Urban freight: Zooming in on zero | 3G. Integrating shared mobility |
| | 19.15 | Conference Dinner Kooperativet - Anders Carlssons gata 2, 417 55, Gothenburg | | | | | | |
| | 22.00 | POLIS After-Party | | | | | | |

AGENDA OVERVIEW

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|-------------------|---------------|--------------------------------------------------------------------------------------|------------------------|-----------------------------------------------------|------------------------|-----------------------------------|--------------------------------------|---------------------------------------|---------------------------|
| Thursday 02/12 | 8.00 | Welcome Coffee | | | | | | | |
| | 9.00 | Parallel Sessions IV: | | | | | | | |
| | | 4A. (Re) Designing streets | 4B. Vehicle automation | 4C. Innovations in Urban Vehicle Access Regulations | 4D. It's electrifying! | 4E. Macro-managing micro-mobility | 4F. Sharing data for shared mobility | 4G Future scenarios for urban freight | 4H. Moving the smart city |
| | 11.15 | Refreshments | | | | | | | |
| | 11.45 | Closing Plenary Session: No one left behind: Embracing Equality, Enhancing Equity | | | | | | | |
| | 13.15 | Lunch | | | | | | | |
| | 14.15 - 17.30 | Site Visits | | | | | | | |

Thematic areas:



Environment
& Health



Traffic
Efficiency



Access



Road Safety
& Security



Governance
& Integration

Women in transport

With only 22% of women working in transport in the European Union, the transport sector is far from gender-balanced. POLIS wants to play a role in making women in transport more visible and offering them a platform to share their work. Over the past years, we have consistently encouraged women in the transport sector to respond to our calls for speakers in greater numbers and we are happy to see that we are making progress with every conference. At the same time, we are also faced with the current non-gender balanced reality, which naturally leads to non-gender balanced sessions at our conference. The conference sessions have been shaped on the basis of the – numerous – applications we received through our open call for speakers, where the quality and innovation level of the applications was our main selection criterion. This year's parallel sessions represent 60% male and 40% female speakers, a major improvement. For the session moderators we will appoint, we reverse this trend and have at least 60% women and maximum 40% men.

HOSTED BY:



City of
Gothenburg

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URBANISTA

Small Exhibitors



BLUESYSTEMS
SMART MOBILITY

vectos.
— PART OF SLR



Ride Report

alice

Alliance for
Logistics Innovation
through Collaboration
in Europe



8.00

REGISTRATION AND WELCOME COFFEE

PARALLEL SESSIONS 1

9.00 -
10.30

PARALLEL
SESSIONS

1

1A. ACTIVE MOBILITY FOR ALL!

Chair: Caroline Cerfontaine, ECF

- **Towards equity in the public realm**
Naima Ihsan & Manuela Piasentin, Southwark Council
- **Cycling cities for infants, toddlers, and caregivers**
Alex Baum, BYCS
- **Gender differences in active travel**
Marianne Weinreich, Ramboll
- **Every step of the way: Supporting women who walk in Dublin**
Lorraine D'Arcy from TU Dublin

1B. TRAFFIC MANAGEMENT OF THE FUTURE

Chair: Yvonne van Velthoven-Aarts, Province of Noord-Brabant

- **Trafik Göteborg – A joint organisation for proactive traffic management during the intense construction period for the City of Gothenburg**
Lilia Bidar, City of Gothenburg & Pernilla Fransson, Swedish Transport Administration
- **Renewal of the traffic manager role: Experiences from the Province of North-Brabant**
Nina Nesterova, Breda University of Applied Sciences & Joris Broekmeulen, Province of Noord-Brabant
- **Air pollution control through environmentally oriented traffic and mobility management**
Christian Seidel, VMZ
- **Collaborative ITS for cycling: Potential and opportunities in traffic management**
Else Tutert, Province of Overijssel

1C. THE VERTICAL DIMENSION

Chair: Ivo Cré, POLIS

- **ReinventAirMobility – Structuring the urban air mobility industry in the Paris Region**
Pierre Becquart, RATP Group
- **AURORA – Creating space for urban air mobility in our cities**
Delphine Grandsart, European Passengers' Federation
- **Acceptance, safety and sustainability recommendations for efficient deployment of UAM**
Bartosz Dziugiel, Lukasiewicz Research Network
- **Urban air mobility: A co-creation experience**
Luciano Pana Tronca, UCL
- **Governing and managing the urban airspace – Initial findings of the USEPE project**
Manon Coyne, Polis
- **Structured cooperation on Urban Air Mobility**
Vassilis Agouridas, UIC2

1D. CLEAN AIR NOW!

Chair: Louise Duprez, Bruxelles Environnement

- **The Real Urban Emissions (TRUE) Initiative: Using real-world vehicle emissions data to support low- and zero-emission transport policies in cities**
Yoann Bernard, ICCT

9.00 -
10.30

PARALLEL
SESSIONS

1

- **From Low to Zero Emission Zones: Progress in European cities**
Sandra Wappelhorst, ICCT
- **Multi-scale modelling of the impact of traffic management strategies on emissions and air quality levels in Barcelona**
Daniel Rodriguez-Rey, BSC-CNS
- **Using lower-cost and hyperlocal mobile monitoring to assess how policy interventions, like low emission zones, impact air quality**
Greg Slater, Environmental Defense Fund Europe
- **Brussels' Mobility and Fleet Facilitator**
Nele Sergeant, Bruxelles Environnement

1E. SIZE DOESN'T MATTER: BOOSTING INNOVATION IN SMALL AND MEDIUM-SIZED CITIES

Chair: Guido Rink, City of Emmen

- **Mobility plans and concepts in Hesse: Results of a synopsis and recommendations for local planning in smaller and medium-sized cities**
Stefanie Schwerdtfeger & Anna-Rebekka Warschau, CC-SUM - State of Hessen
- **Analytical tools for the creation of a simplified SUMP in a small island city with seasonal tourism - The case of Platanias, Crete**
Anna Rose, Space Syntax Limited
- **The simplified mobility plan (PDMS) - a SUMP for small and medium-sized cities**
Mathias Gent, CEREMA
- **Collaborative planning of mobility and urban planning in the Province of South-Holland**
Raymond Linssen, Province of South-Holland & Saskia Platenkamp, City of Dordrecht
- **Access for all - Inclusive mobility in public transport and shared mobility services through automating third-party payment schemes**
Tim Asperges, City of Leuven
- **Introducing Cozywheels: A cost-based car sharing platform**
Linde Camps & Jeffrey Matthijs, Autodelen.net

1F. PUBLIC TRANSPORT STRATEGIES FOR THE NEXT DECADE: STRENGTHENING THE BACKBONE

Chair: Nicola Kane, TfGM

- **Empowering marginalised public transport users with explainable AI**
Patricia La Torre, Humanising Autonomy
- **Catalonia Expres.cat bus network: A successful project**
Cristina Pou, Generalitat de Catalunya
- **"Change!" - An experiment to optimise the modal split in the canton of Ticino, Switzerland**
Bruno Mario Lochbrunner, SBB AG
- **Boosting sustainable connections between Central Europe low population density areas and the TEN-T network through the DRT deployment**
Giuseppe Liguori, SRM & Tamás Halmos, BKK Centre for Budapest Transport

1G. GOVERNING INNOVATION

Chair: Françoise Guaspare, Île-de-France Europe

- **The Compliance Map: A tool for policy makers to keep up with new mobility innovations**
Marisa Meta, Fit consulting
- **Modelling the impact of new mobility solutions: zooming in on MOMENTUM cities Madrid & Thessaloniki**
Sergio Fernández Balaguer, EMT Madrid
- **Urban mobility transition: Tools for tracking change and anticipating effects**
Georgia Ayfantopoulou & Elpida Xenou, CERTH
- **The quantitative impact of smart mobility - Safer, smarter and cleaner**
Chris de Veer, Province of Noord-Holland & Martijn Legêne, Goudappel

1H. AI IN TRANSPORT

Chair: Patrick Mercier-Handisyde, European Commission

- **Smarter way to control traffic to reduce waiting times in Stockholm**
Mattias Lundberg, Trafikkontoret Stockholm Stad
- **Using artificial intelligence to monitor social distancing at transport hubs and improve passenger experience**
Conor Chaplin, Transport for Greater Manchester
- **Model of simulation to diagnose the city mobility and assess future actions**
Lola Ortiz, Madrid City Council
- **Innovative software & data analytics solutions for transport in cities**
Eliane Moreno, Volkswagen AG
- **How AI is solving the worst safety failings in shared micromobility**
Haya Verwoord Doudri, Superpedestrian

10.30

REFRESHMENTS

OPENING PLENARY SESSION

AGENTS OF CHANGE: LOCAL LEADERS INITIATING INNOVATION

OPENING

- **Karen Vancluysen**, POLIS Secretary General

HAND-OVER

- **Roeland van der Zee**, Deputy Mayor for Mobility, City of Arnhem, Transport Chair Arnhem-Nijmegen

WELCOME

- **Toni Orsulic**, Mayor for Transport, Chair of the Urban Transport Committee, City of Gothenburg, POLIS President

OPENING SPEECH

- **Elisa Ferreira**, European Commissioner for Cohesion and Reforms

KEYNOTE SPEECH

- **Anna Nilsson Ehle**, Chair of the Board of Directors, Vinnova

PANEL DEBATE

Moderator: Malin Broqvist Andersson, Program Director, Drive Sweden

Panellists:

- **Maria Tsavachidis**, CEO EIT Urban Mobility
- **Margriet van Schijndel-de Nooij**, Program director Smart Mobility bij Technische Universiteit Eindhoven
- **Maria Strömberg**, Head of Department Cluster and Innovation, Business Region Gothenburg
- **Barbara Stoll**, Director Clean Cities Campaign, Transport & Environment
- **Wiebke Pankauke**, Deputy Head of Unit, Future Urban & Mobility Systems, DG R&I, European Commission (tbc)

11.15

13.00 –
14.30

LUNCH

MEET THE EXHIBITORS

Don't miss the launch of POLIS-ALICE position paper on urban freight!

During session 3F, members from both POLIS and ALICE will present the results of their ongoing city-industry dialogue, including recommendations on how to accelerate the deployment of sustainable freight solutions in European cities.

- Policies which address air pollution, congestion and safety challenges have an impact on freight transport and logistics, and are of growing importance.
- Cities need to ensure a good quality of life, which means securing a sustainable environment, while providing citizens with easy access to services and goods. The industry on the other hand, needs to reach its customers, while remaining highly competitive and factoring in sustainability.
- POLIS (representing local and regional authorities) and ALICE (representing the logistics industry) have established an ongoing public-private strategic dialogue group to jointly address these challenges.
- By identifying common objectives, sharing practices, and facilitating cooperation models, cities and industry together prioritise topics and accelerate the deployment of solutions towards cleaner and sustainable urban freight transport.

PARALLEL SESSIONS 2

2A. TOWARDS THE 15' CITY

Chair: Margit Noll, JPI Europe

- **Delivering 20-minute neighbourhoods in Glasgow through the Liveable Neighbourhoods Plan**
Derek Dunsire, Glasgow City Council
- **Rotterdam Walks 2025**
José Besselink, City of Rotterdam
- **Bicycle oriented development: Putting the 15-minute city concept in policy practice**
Joost de Kruijf, Breda University of Applied Sciences & Nathan Hooghof, Province of Noord-Brabant
- **Eindhoven City Centre 2040: Healthy, green, walkable**
Erik van Hal, City of Eindhoven
- **Shared micro-mobility – A catalyst for making proximity accessible to everyone**
Neele Reimann-Philipp, VOI Technology

14.30 -
16.00

PARALLEL
SESSIONS

2

2B. TOWARDS THE DIGITAL TRANSITION

Chair: Marlene Picha, City of Stuttgart

- **Digitalization of public transportation services through standardisation of data processing and management**
Iñigo Larraondo, IDOM & Urrotz Larrañaga, Bilbao City Council
- **C2C, C2X and C2N – Time for digital solutions linking public traffic management with private routing services**
Carsten Schürmann, TCP International & Marlene Picha, Landeshauptstadt Stuttgart

Smart Steering: Directing traffic in a smart way

Yvonne van Velthoven-Aarts, Province of Noord-Brabant & Gerard Martens, Rijkswaterstaat

NEVFMA: Combining real-time air quality and traffic data in Oxfordshire

Tamara Djukic, Aimsun Ltd

2C. MANAGING CITY-CHANGING INFRASTRUCTURES

Chair: Tiina Ruohonen, City of Oslo

Zuidasdok - Rebuilding a railway and PT hub in a complex urban environment

David van der Spek, Vervoerregio Amsterdam

Governance and collaboration to ensure high impact sustainability in and during major infrastructure projects

Markus Aarflot, City of Gothenburg

Metrobus - An innovative electric public transport system serving the metropolitan area of Bologna

Alessandro Delpiano & Mauro Borioni, Città Metropolitana di Bologna

Green financing - The unique model of Grand Paris Express

Thomas Barbe, Société du Grand Paris

2D. HYDROGEN BEYOND THE HYPE

Chair: Peter Lindgren, City of Gothenburg

The integral approach of hydrogen in the city of Emmen - Boosting sustainable mobility and economic

Irene Schuurman & Melinda Loonstra, City of Emmen

EMT Madrid's path towards green H2

Sergio Fernández Balaguer, EMT Madrid

Hydrogen's growing role for sustainable cities

Erik Wiberg, Vätgas Sverige

Île-de-France Mobilités' hydrogen strategy

Florent Savy, Sébastien Kirouchenamourthy & Uche Osazuwa, Île-de-France Mobilités

The paradox of hydrogen in mobility

Annemiek Luimes & Lutske Lindeman, City of Rotterdam

2E. CAPACITY TO GET ROAD SAFETY ROLLING

Chair: Dagmar Köhler, DIFU

Road safety coaching for local authorities - For a high-quality local road safety policy

Ine Herten, VSV & Kaat De Koninck, Province of Antwerp

Can mentor and mentee relationships drive cycling policy change?

Sanne Vanderstraeten, Mobiel 21 & Henrik Lundorff Kristensen, Municipality of Copenhagen

Public support for the generalisation of the 30 km/h speed limit in urban zones - An international perspective

Wouter Van den Berghe, Vias Institute

The policy making process of implementing 30 km/h for all roads in Amsterdam

Max Niekus & Nico Zornig, City of Amsterdam

ISA mandated in the EU, job done now?

Gert Blom, City of Helmond

2F. THE RECIPE FOR MAAS

Chair: Annabelle Huet, UITP

Stakeholder perceptions of Maas/MOD: Deployment issues, utility and likeliness of success

Dave Roat, Cubic Transportation Systems

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| <div>14.30 - 16.00</div> <div>PARALLEL SESSIONS</div> <div>2</div> | <ul style="list-style-type: none"> — Regional governance models to enable MaaS & open mobility marketplaces Scott Shepard, Iomob — Preserving societal values in a MaaS Ecosystem: The Amsterdam vision on MaaS Bram Nieuwstraten, Vervoerregio Amsterdam & Daan van der Tas, City of Amsterdam — MaaS in Brussels: Developing innovative mobility solutions in the Brussels-Capital Region Martin Lefrancq, Bruxelles Mobilité — Evolving from passenger information to MaaS Aurélien Cottet, Instant System — MobiCascais – An innovative and sustainable mobility solution Paulo Nuno Marques Augusto, Cascais Próxima E.M. S.A — Turning MaaS Visions into Tangible Realities: Trafi for Cities Damian Bown, TRAFI — Creating a seamless mobility experience with a MaaS app: Moovizy 2 Laurent Glorieux, CityWay |
| | <div>2G. THE SCIENCE OF THE CITIZEN</div> <div>Chair: Glykeria Myrovali, CETH</div> <ul style="list-style-type: none"> — We-Count empowered by Telraam: Enabling citizens to initiate a policy-making process with fully automated traffic data collection Kris Vanherle, Transport & Mobility Leuven & Anke Bracke, Mobiel 21 — Integration of city-wide and neighbourhood-level sustainable mobility planning: Possibilities, challenges and limitations Michael Koucky, Koucky & Partners — A participation elite – A common phenomenon of participation processes within mobility planning? Eugenia Kolb & Susanne Fischell, CC-SUM - State of Hessen — Citizen participation as a tool in urban street planning Maria Brodde Makri, City of Malmö — Together towards a sustainable, liveable region, combining citizen science, policy development and participation to achieve a healthy urban environment Eric van Dijk, Province of Utrecht |
| | <div>2H. MANAGING THE CURB</div> <div>Chair: Anna Clark, EIT Urban Mobility</div> <ul style="list-style-type: none"> — Free the city - How to reprogramme the streets to create liveable cities Martijn Pater, Coding the Curbs & Willem van Heijningen, City of Amsterdam — Flexible curb side management and mixed use of urban space in the Physical Internet Paola Cossu, FIT Consulting & Giuliano Mingardo, Erasmus University Rotterdam & Phillipe Rapin, Urban Radar — Car-sharing: How urban parking policies lead to relief and free spaces in cities Sven Heyen, SHARE NOW — SPRO: Barcelona's urban freight distribution platform Carles Conill & Jordi Jové, Metropolitan Area of Barcelona — Delivering for Dublin! Colm Ennis, Dublin City Council — Supporting city authorities with an air quality monitoring programme throughout Europe Dominique Mamcarz, DPDgroup |
| 16.00 | <div>REFRESHMENTS</div> <div>INFO SESSION: Get to know POLIS and join!</div> |

PARALLEL SESSIONS 3

16.45 -
18.15

PARALLEL
SESSIONS

3

3A. BIKE A BIT LONGER

Chair: Henk Swarttouw, ECF

- **Strategic promotion of cycling at the regional level – The case of Baden-Württemberg**
Alicia Kolman, Ministry of Transport Baden-Württemberg
- **Regional cycling connectivity: Ljubljana urban region's projects and prospects for safe and active travel**
Klemen Gostič, Regional Development Agency of the Ljubljana Urban Region
- **Cycling in Greater Copenhagen – The first international and interregional action plan for cycling**
Signe Helledi, Cycle Superhighways, Capital region of Denmark
- **Grab, the Roman Cycle Route**
Francesco Iacorossi, Roma Servizi per la Mobilità
- **Sunroute-Eurovelo 7: The new backbone to improve territorial development and local regeneration towards an ecological cycle network**
Catia Chiusaroli & Giulia Maroni, Metropolitan City of Bologna
- **Promoting cycling at the regional scale: Focus on 3 incentives policies by the Greater Paris Transport Authority**
Aline Gillette, Île-de-France Mobilités

3B. LEVERAGING DATA TO IMPROVE TRANSPORT PLANNING AND MANAGEMENT

- **PROBEDATA - Preliminary study on the use of GPS-based PROBEDATA for estimation of speeds, link flows and route selection**
Joakim Ahlberg, Ramböll Sweden AB
- **Cooperative research to make big data useful for cities: Wolfsburg and Teralytics**
Nick Cohn, Teralytics
- **Insights in changing local mobility patterns: Mobility Monitor The Hague**
Tineke School, DAT.mobility
- **Will you walk with me? Designing a data-strategy for the pedestrian**
André de Wit, City of Rotterdam
- **Review and rationalisation of mobility related surveying and data collection activities in Budapest**
Diana Kimmer, BKK Centre for Budapest Transport
- **Data-driven traffic management in Ghent: TMaaS and Big Data Platform**
Sophie Gillaerts & Tessa Bruneel, Mobility Company City of Ghent
- **Developments and use cases for Data sharing in an on-demand urban mobility environment**
Tim Wiegels, FREE NOW

3C. BEYOND 'JUST' PARKING – PARK HERE FOR MODAL SHIFT

Chair: Lena Karlsson, Swedish Parking Association

- **Park4SUMP - Integration of parking policies in SUMPs**
Linda Calmarsson, City of Umea
- **How to use parking measures for shared mobility demand management**
Gustav Friis & Steffen Arnbo Nielsen, City of Aarhus
- **The COBRACE facilitator: Towards a reduction in the supply of parking at destination**
François Sabbatini & Pierre-Edouard Verhaeghe, Bruxelles Environnement
- **Improving parking policies across the EU through the Energy Performance of Buildings Directive: An opportunity not to be missed**
Fabian Küster, European Cyclists' Federation

16.45 -
18.15

PARALLEL
SESSIONS

3

- **The French parking revolution: Current hot topics and challenges**
Olivier Asselin, Lille Métropole
- **Modern parking: Combining regulation for climate goals and digitalisation for efficiency in the state of Baden-Württemberg**
Wolf Engelbach, Ministry of Transport Baden-Württemberg

3D. MAAS: FROM THEORY TO PRACTICE

Chair: Ferdinand Burgersdijk, FRCB

- **Madrid Mobility 360: Innovating MaaS**
Juan Corro Beseler, EMT Madrid
- **ZüriMobil – More than an app**
Susanne Grün, Stadt Zürich - Verkehrsbetriebe Zürich & Geert Vanbeveren, Siemens Mobility GmbH
- **Experiences from implementing MaaS-services in new and existing residential areas**
Lennart Persson & Sara Boije af Gennäs, Trivector
- **MaaS in Belgium: Opportunities and pitfalls for carsharing**
Bram Seeuws, Autodelen.net
- **MaaS 2.0: Redesigning governance frameworks for sustainable MaaS**
Aman Chitkara, WBCSD

3E. GOING BEYOND CRASH DATA

Chair: Magnus Granström, Chalmers

- **CycleRAP: Improving safety for bicycling and light mobility through crash risk modeling**
Shanna Lucchesi, iRAP
- **Use of safety performance indicator “Safe Roads and Safe Cycling Infrastructure” in Dutch risk assessment approach**
Eric de Kievit, CROW
- **New safety data for micro-mobility - Results from London e-scooter trial conducted by Dott and See.Sense**
Irene McAleese, See.Sense
- **Intelligent sensing with AI: Understanding & improving mobility and traffic safety with objective sensor data – Three real-world examples from Gothenburg**
Amritpal Singh, VISCANDO AB
- **AI-Driven Intersection safety diagnostics and proven countermeasures using retroreflective materials – A Case Study in Austin, TX, USA**
Gernot Sauter, 3M

3F. URBAN FREIGHT: ZOOMING IN ON ZERO

Chair: Sandra Rothbard, Freight Matters

- **Launch of POLIS-ALICE Urban Freight position paper**
Cities-industry cooperation to accelerate sustainable city logistics solutions. Members' presentations
- **The SURF project: Develop a vision and pathway for Zero-Emission Zones for freight**
Findings and results from the Instant Projects in Aarhus, Karditsa, Ravenna
- **Sustainable urban logistics in Lucca: Results from the LIFE ASPIRE approach**
Andrea Lorenzini, MemEx srl & Pamela Salvatore, Municipality of Lucca

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| <div>16.45 - 18.15</div> <div>PARALLEL SESSIONS</div> <div>3</div> | <p>3G. INTEGRATING SHARED MOBILITY</p> <p>Chair: Angelo Meuleman, M-Pact</p> <ul style="list-style-type: none"> — eHUBS: Smart, shared, green mobility hubs Sarah Kumeta, TfGM & Diederik Basta, City of Amsterdam — RESTART – A co-creation process for future multimodal mobility hubs in Lisbon Frederico Henriques, EMEL — Conquer the street: Citizen co-creation in shared mobility and redesigning the street Suzanne Ryvers, Autodelen.net — Canalejas 360: Integrating electric mobility, shared mobility, cycling and logistics in Madrid Carlos Mateo & Sergio Fernández Balaguer, EMT Madrid — How to make bike sharing accessible for all and its benefits? Lauha Fried, Cycling Industries Europe |
| | <p>3H. SUMPS, ONE PIECE OF THE URBAN PLANNING POLICY PUZZLE?</p> <p>Chair: Terry Albronda, City of Groningen</p> <ul style="list-style-type: none"> — Developing transition pathways towards sustainable mobility in European cities Peter Jones, University College London & Paul Curtis, Vectos-SLR — Climate Mobility Plans: SUMPs towards climate-friendly mobility development in Baden-Württemberg Christoph Erdmenger, Ministry of Transport Baden-Württemberg — Mobility planning after the pandemic – A new approach to SUMP review in Budapest Tünde Hajnal & László Sándor Kerényi, BKK Centre for Budapest Transport — Integrated green urban planning Terry Albronda & Sjouke van der Vlugt, City of Groningen |
| <div>18.15</div> | <p>CLOSE OF DAY ONE</p> |
| <div>19.15</div> | <p>CONFERENCE DINNER <i>Kooperativet - Anders Carlssons gata 2, 417 55, Gothenburg</i></p> |
| <div>22.00</div> | <p>POLIS AFTER-PARTY <i>Same location as the Conference Dinner</i></p> |

8.00

WELCOME COFFEE

PARALLEL SESSIONS 4

4A. (RE)DESIGNING STREETS

Chair: Rawad Choubassi, Systematica

- **Transforming public spaces with citizen involvement – Examples from Budapest**
Andor Háznagy & Tibor Schulek, BKK Centre for Budapest Transport
- **Gorillas, street chats and parklets: Using public space as forum for dialogue and action to rethink public space**
Dries Janssens, Mobiel 21
- **Promoting soft mobility in the Mediterranean for more sustainable mobility systems**
Christos Gioldasis, CIVINET CY-EL
- **Providing safe and comfortable public bicycle parking spaces – A neighbourhood-oriented approach in Ghent (Belgium)**
Jonas Verhaeghe, Mobility Company City of Ghent
- **Ensuring cycling's contribution to a lasting green recovery**
Jill Warren, European Cyclists' Federation
- **Vic - Active mobility for a healthy city**
Marta Rofin Serrà & Joana Rodriguez, Vic City Council

9.00 -
11.15

PARALLEL
SESSIONS

4

4B. VEHICLE AUTOMATION

Chair: Wolfgang Backhaus, Rupprecht Consult

- **Getting cities ready for self-driving minibuses**
Marcel Unterberg, City of Helmond
- **Shared autonomous vehicles in the future fossil independent transport system**
Fredrik Larsson, City of Gothenburg & Patrik Fridh, Trivector
- **Modelling the integration of AV-based solutions into the public transport system in the Stuttgart region**
Nadine Müller, Verband Region Stuttgart
- **The ARTiculation of autonomous vehicles – Experiences from a 1,5 year Danish pilot**
Ditte Bendix Lanng, AAU & Maria Vestergaard, Aalborg Municipality
- **The Levitate Connected and Automated Transport Systems Policy Support Tool**
Apostolos Ziakopoulos, National Technical University of Athens
- **A holistic impact evaluation framework for autonomous vehicles and drone demonstrations: The case study of Oxfordshire**
Maria Kamargianni & Yuerong Zhang, University College London

4C. INNOVATIONS IN URBAN VEHICLE ACCESS REGULATIONS

- **Urban vehicle access regulations in the CIVITAS-ReVeAL project: A tool to help cities select and implement appropriate UVAR measures**
Bonnie Fenton, Rupprecht Consult GmbH
- **CIVITAS-ReVeAL: Building blocks for sustainable urban mobility transformations through scenario building**
Koos Fransen, Ghent University
- **CIVITAS-ReVeAL: Brainport Smart District use case**
Matthieu Graindorge, City of Helmond

- **Low Emission Zone – Barcelona Ring Road: From innovative model to extension to more than 150 cities**
Marc Iglesias & Carles Conill, Metropolitan Area of Barcelona
- **Dynamic Access Control (DAC) through smart contracting in urban logistics in Leuven. EU-TOKEN project**
Tim Asperges, City of Leuven
- **A city's perspective on geofencing as a tool for traffic management and planning**
Malin Stoldt, City of Gothenburg & Robin Billsjö, City of Stockholm
- **UVARBOX: A European initiative to better inform road users about UVARs on their way**
Pedro Barradas, Armis ITS & Maria Rodrigues, Panteia

4D. IT'S ELECTRIFYING!

- **Upscaling on- and off-street charging in Stockholm**
Eva Sunnerstedt, City of Stockholm
- **MEISTER New E-Mobility Services for environmentally-friendly mobility in urban residential areas**
Claudia Baumgartner, VMZ
- **Batteries of shared BEVs as facilitator for smart & bidirectional charging as solution for grid balancing issues**
Bruno Flinois, CLEM'
- **CleanMobileEnergy: Local sustainable energy for electric and shared mobility**
Peter Swart, City of Arnhem
- **Launch of the Nordic region's largest electric bus fleet in Gothenburg**
Anders Ekman, Transdev Sverige AB
- **"Electric" mood: Present and future at EMT Madrid**
Sergio Fernández Balaguer, EMT Madrid
- **Electrifying public transport in West Sweden**
Hanna Björk, Västtrafik AB & Marie Carlsson, Volvo Buses
- **Moving towards carbon neutrality - Transport Authority for the Amsterdam Region**
Gerard Hellburg & Kelly Pronk, Vervoerregio Amsterdam

4E. MACRO-MANAGING MICROMOBILITY

Chair: Pedro Homem de Gouveia, POLIS

- **Is the bicycle finished? Are electric scooters and power-assisted bikes the new urban mobility kings?**
Ceri Woollsgrove, European Cyclists' Federation
- **From venture capital to public interest: Micromobility regulation that works for everyone**
Marla Westervelt, Commission on the Future of Mobility
- **Measurable modal shift**
Welmoed Neijmeijer, BOLT
- **How Greater Manchester are responsibly deploying e-scooter schemes in the UK to complement active travel and public transport**
Conor Chaplin, Transport for Greater Manchester
- **Unlocking the potential of active and micromobility in Budapest – Changing the playing field in favour of sustainable mobility**
Adam Bodor & Peter Dalos, BKK Centre for Budapest Transport
- **Regulations for Shared Free-Floating E-Scooter in Berlin**
Ines Kawgan-Kagan, AEM Accessible Equitable Mobility GmbH
- **From 4 to 2 wheels: The impact of e-scooters on car reduction and behaviour change in Norfolk**
Albert Gragera & Joan Estrada, BaxCompany
- **Give citizens control over shared micro mobility!**
Paul-Adrien Cormerais, Pony
- **Piloting Computer Vision for Micro Mobility**
Pauline Aymonier, TIER Mobility

4F. SHARING DATA FOR SHARED MOBILITY**Chair:** Karen Vancluysen, POLIS

- **A Consensus Approach to Implementing Shared Mobility Rules of the Road in Gothenburg**
Alexander Pazuchanics, VIANOVA & Shahriar Gorjifar, City of Gothenburg
- **Towards a safe, clean, inclusive and efficient mobility system - Amsterdam Conditions Mobility & Digitalization**
Daan van der Tas & Tom Groot, City of Amsterdam
- **Safety, Access, & Sustainability: Use Cases for Data Sharing Using MDS**
Angela Giacchetti, Open Mobility Foundation
- **Improving new mobility safety and efficiency with real time and standardized data**
Rikesh Shah, Transport for London & Christophe Arnaud, Bluesystems
- **Regaining control of the public ground with shared data and microtransactions**
Harald Saevareid, Nivel AS & Bård Carlsen, City of Bergen
- **Data sharing for micromobility - what have we learned and what's the way forward?**
Kristian Agerbo, VOI Technology
- **Intercity MaaS with the TOMP-API**
Tjalle Groen, Mpact & Edwin van der Belt, DAT.Mobility

4G. FUTURE SCENARIOS FOR URBAN FREIGHT: DATA, MODELLING AND SIMULATION**Chair:** Yanying Li, ALICE

- **New data and digital tools to better understand and guide freight flows in urban regions: Two examples from Île-de-France**
Pierre Launay, Région Île-de-France & Philippe Rapin, Urban Radar
- **Developing urban freight policy: Experience from Rotterdam**
Jos Streng, City of Rotterdam
- **Combining Last Mile delivery solutions in Madrid: LEAD project**
Carlos Mateo, EMT Madrid & Ángel Batalla, Last Mile Team
- **Digital Twins: Opportunities for sustainable mixed-use developments of urban space**
Joost de Kruijf, Logistics Community Brabant
- **An interconnected system-of-systems for goods consolidation and information sharing: the case of Gothenburg**
Cecilia Elb, VOLVO Group
- **The Digital Platform for City Logistics**
Laura Tavernier, Rebel
- **DPD: What do cities do with the data we provide them with**
Dominique Mamcarz, DPDgroup

4H. MOVING THE SMART CITY**Chairs:** Nina Nesterova, Breda University of Applied Sciences & Bernadette Bergsma, EIT Urban Mobility

- **Create more liveable cities and urban regions through mainstreaming of sustainable and smart new mobility services**
Edwin Mermans, Province of Noord-Brabant & Nina Nesterova, Breda University of Applied Sciences
- **Pathways to smart & sustainable urban mobility: Frameworks for action**
Thomas Deloison, WBCSD
- **City Information Model (CIM)**
Camilla Nordström, City of Gothenburg
- **Lessons learned and opportunities from the large-scale deployment of smart city platform: Example of OnDijon data-powered smart city platform**
Pierre-Adrien Hanania, Capgemini

Further contributions to be announced

11.15

REFRESHMENTS

CLOSING PLENARY SESSION

11.45

NO ONE LEFT BEHIND: EMBRACING EQUALITY, ENHANCING EQUITY

KEYNOTE SPEECH

- **Karel Martens**, Chair Graduate Program for Urban and Regional Planning & Director Fair Transport Lab, Technion, Israel

PANEL DEBATE

Moderator: Karen Vancluysen, Secretary General

Panellists:

- **David Dessers**, Deputy mayor for mobility, City of Leuven
- **Frederik Hjelm**, CEO, VOI
- **Matthew Baldwin**, Deputy Director-General, European Coordinator Road Safety & Sustainable Mobility, DG MOVE, European Commission
- **Mohamed Mezghani**, Secretary General, UITP
- **Jill Warren**, CEO, European Cyclists Federation
- **Rita Jacinto**, Programme Manager, Division for Pedestrian Accessibility, City of Lisbon

HAND-OVER OF THE POLIS PRESIDENCY

LAUNCH OF THE POLIS AGENDA FOR A JUST TRANSITION

THINKING CITIES AWARD CEREMONY

13.15

LUNCH

14.15

SITE VISITS

SITE VISITS

2 December 2021, departure: 14.00.

The meeting point for all site visits is at the registration desk of the conference venue.

#1 LINDHOLMSLEVERANSEN: HOW TRANSPORT WAS DECREASED FOR A MORE SUSTAINABLE LINDHOLMEN

Lindholmen in Gothenburg is part of one of the largest urban development projects in Scandinavia; RiverCity Gothenburg. While the urban development is in full progress, it co-exists with the everyday life of students, researchers, residents, visitors and about 375 companies and their employees. In 2008, the Lindholmsleveransen project was started in order to create a more sustainable traffic situation in the area. By consolidating goods and waste on smaller vehicles, transport in the area is reduced. During this site visit, we'll take a walk through Lindholmen where the project has contributed to safer and more attractive public places and streets. The tour will take us to the micro terminal where the consolidation takes place, and where we will see and hear more about how to decrease transport in a dense, urban area.

The site visit is within walking distance, starting from Lindholmen Science Park

- **Length:** approximately 1 hour 30
- **Capacity:** 25



#2 VOLVO MUSEUM

Welcome to a world of iconic car models, ground-breaking innovations and imaginative prototypes. At Volvo Museum you can take a trip through Volvo's history and heritage, all the way from the start in 1927. Their collection encompasses a wide range of passenger cars, buses and heavy trucks, as well as marine engines and construction equipment. But you don't have to be a petrolhead (or a dieselhead for that matter) to appreciate the Volvo Museum. There's lots for everybody to experience – whether you want to learn about a unique piece of Swedish 20th century history or just want to be nostalgic about the good old times.

- **Length:** 1 hour 30 (recommended)
- **Capacity:** Guided tour, max 50



SITE VISITS



#3 SUSTAINABLE MOBILITY IN THE CITY CENTRE OF GOTHENBURG

The visit will take place on the streets around the Gothenburg's cathedral while talking and showing the different changes regarding infrastructure, regulations (UVAR) and transport modes. First, we'll provide a general historical overview going a decade back, and then we'll tell you what's coming up next.

- **Length:** approximately 1 hour
- **Capacity:** 50



#4 URBAN DEVELOPMENT PROJECTS IN GOTHENBURG

With a focus on sustainable development, Gothenburg is expanding and densifying. The city and the region are bustling with development projects. On this study visit, Gothenburg's overall development strategy will be presented and you will get a good aerial and street view of the projects in the central parts of the city, such as the West Link, Masthuggskajen and other River City projects.

The starting point of the study visit will be the "Lipstick"-building located on the south bank of the river, close to the Central Station and the new bridge. The area is easily reached by ferry from Lindholmen Conference Centre.

- **Length:** approximately 2 – 3 hours
- **Capacity:** 50



#5 ELECTRIFICATION OF GOODS TRANSPORT

Ride electric Volvo trucks and learn about the prerequisites and potential for electrification of urban and regional goods transport.

You will be picked up by an electric Volvo bus outside the Lindholmen conference venue and transported to the Volvo Trucks Experience Centre (15 minutes ride).

- **Length:** approximately 3 hours, excluding transportation to and from the Lindholmen conference venue
- **Capacity:** 100

SITE VISITS

#6 VIRTUAL GOTHENBURG

Gothenburg is developing so rapidly that the challenges to coordination, consensus and communications are becoming increasingly important, not only in terms of making informed decisions but also in terms of understanding and analysing developments. These are some of the reasons why a digital twin of Gothenburg is being created. The twin will be a virtual 3D model of the whole municipality of Gothenburg, equivalent to 700 km², based on the city's own geographical information.

We are inviting you to a virtual study visit taking place at the Visual Arena, a visualization studio which is located at the heart of Lindholmen Science Park.

Here, you will not only experience the digital twin of Gothenburg, but you will also learn about the tools for visualisation which are being applied in urban development and see how simulations are used within the field of transport and mobility, as well as in climate change. Moreover, you will have the chance "to go for a walk" in the 17th century Gothenburg.

— **Length:** approximately 1 hour 30

— **Capacity:** 50



#7 BRF VIVA AND MOJO ON CAMPUS

Brf Viva is a housing project situated in Gothenburg, close to the university campus of Johanneberg. The ambition when planning Brf Viva, was to create Sweden's most sustainable and innovative housing project. One main innovation was to build an entire housing project without any parking spaces for the residents' cars, and instead meet their mobility needs in other ways, one of those being a MaaS-app called EC2B. Viva will have been fully inhabited for almost three years at the time of the study visit, and the residents are mostly happy. The study visit will show what has been done, and how it has worked. Also, from Viva, we will take a short walk down the hill to the campus to learn how the EC2B-solution has been expanded on and elaborated to serve the needs of business trips for all those who are working on campus.

The trip from Lindholmen to Brf Viva takes around 30 minutes with public transport, plus some 10 minutes of walking from the tram stop.

— **Length:** approximately 1 hour 30

— **Capacity:** 30



PRACTICAL DETAILS

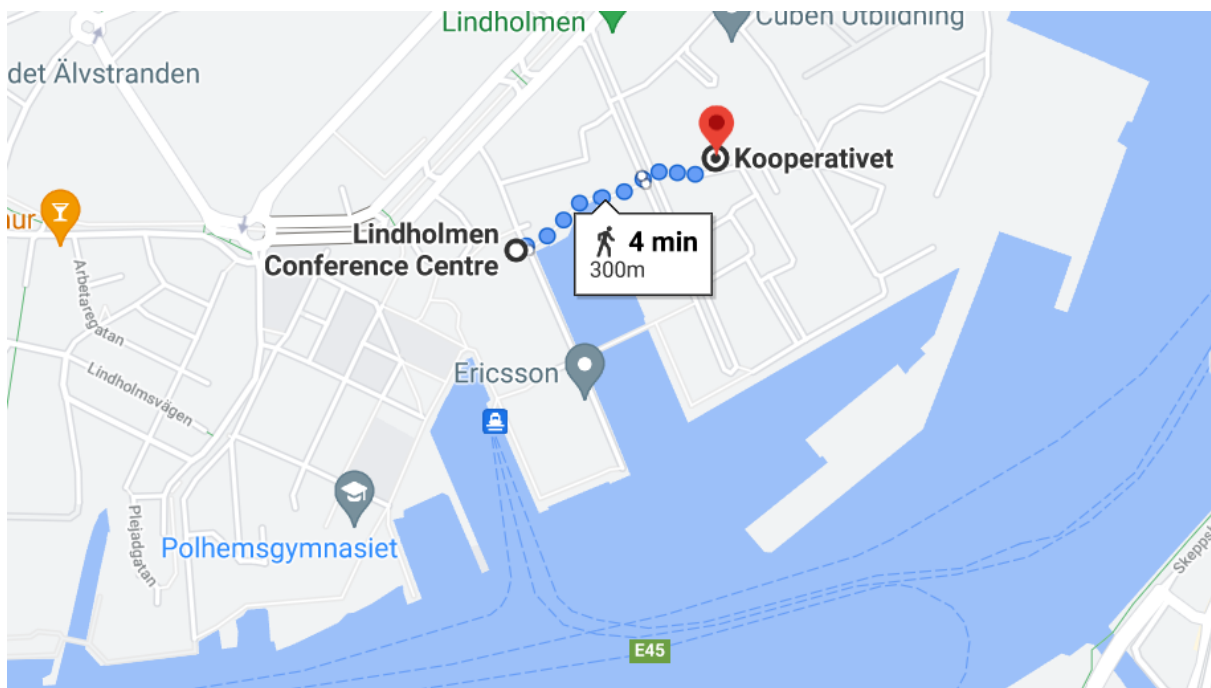
Conference venue:

Lindholmen Conference Centre | Lindholmospiren 5 | 417 56 Gothenburg



Dinner venue:

Kooperativet | Anders Carlssons gata 2 | 417 55 Gothenburg





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