

POLIS

CITIES AND REGIONS FOR TRANSPORT INNOVATION

2019 POLIS CONFERENCE

Innovation in Transport for Sustainable Cities and Regions

27 & 28 November 2019, Brussels, Belgium

The Egg | Rue Bara 175 | 1070 Brussels



CONFERENCE PROGRAMME

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OUR DIAMOND PARTNERS

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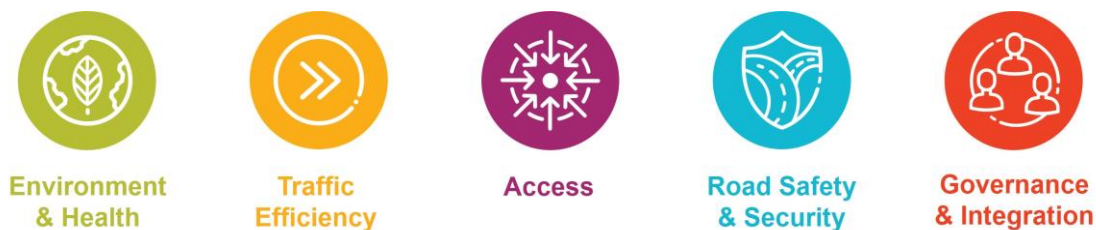
AGENDA OVERVIEW

Tuesday 26/11	9.00 - 12.00	SIDE EVENTS: IRU-POLIS round-table on coach access to cities (upon invitation only) <i>River 1</i>					
	12.00 - 17.00	Polis Annual General Assembly (AGA) <i>Aquarium</i> Polis Political Group site visit (Polis members only)					
	19.00	AGA and Political Group Dinner (Polis members only)					
Wednesday 27/11	8.00	Registration and Welcome Coffee					
	9.00	Parallel Sessions I:					
		1A. Boosters for cycling	1B. Harnessing the data potential	1C. Planning, design and management of urban infrastructures	1D. Safer infrastructure and vehicles in cities and regions	1E. SUMP: New challenges, new practices	1F. Local authorities & urban freight management
		<i>Press</i>	<i>Cinema</i>	<i>Studio</i>	<i>Loge 1</i>	<i>Aquarium</i>	<i>River 1</i>
							<i>River 6</i>
	10.30	Refreshments (<i>Exhibition area</i>)					
	11.15	Opening Plenary Session: Fast Forward – Bloom or Gloom? <i>Auditorium</i>					
	13.00	Lunch + Meet the exhibitors (<i>Exhibition area</i>)					
		Polis Political Group lunch (upon invitation) (<i>Restaurant Mezzanine</i>)					
	14.30	Parallel Sessions II:					
		2A. Understanding, predicting, changing behaviour	2B. The changing face of traffic management	2C. New developments in parking	2D. Benchmarking road safety in cities	2E. Measuring emissions in cities	2F. Innovative solutions for freight movements
		<i>Studio</i>	<i>Aquarium</i>	<i>River 6</i>	<i>Loge1</i>	<i>River 1</i>	<i>Cinema</i>
							<i>Press</i>
	16.00	Refreshments (<i>Exhibition area</i>)					
		Info session: Get to know Polis and join! (<i>River 1</i>)					
	16.45 - 18.15	Parallel Sessions III:					
		3A. Active travel & space design	3B. On the road to automation	3C. Access for all	3D. EUSP	3E. Transport digitalisation	3F. Smart procurement for sustainable & clean transport
		<i>River 6</i>	<i>Studio</i>	<i>Loge 1</i>	<i>Cinema</i>	<i>Press</i>	<i>River 1</i>
							<i>Aquarium</i>
	19.15	Conference Dinner: Sponsored by Bird <i>The Belgian Comic Strip Centre, rue des Sables 20, 1000 Brussels</i>					
	22.00	Polis After-Party <i>The Belgian Comic Strip Centre, rue des Sables 20, 1000 Brussels</i>					

AGENDA OVERVIEW

Thursday 28/11	8.00	Welcome Coffee				
	9.00	Parallel Sessions IV:				
		4A. Clean energy, smart grids and electric mobility	4B. Integrated transport systems and services	4C. Urban Vehicle Access Regulations: Consolidation or transition?	4D. Smart Cities	4E. Micromobility
		River 1	Cinema	Press	Studio	River 6
	11.15	Refreshments (Exhibition area)				
	11.45	Closing Plenary Session: Who's the Action Hero in Vision Zero? Auditorium				
	13.15	Lunch (Exhibition area)				
	14.15 - 17.30	Site Visits				

Thematic areas:



Women in transport

With only 22% of women working in transport, 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. 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. We would like to explicitly encourage women in the transport sector to respond to our calls for speakers in greater numbers in the future! In the meantime, we want to make a difference where we can make a difference, and that is why we have decided for the second time to only have female moderators at the 2019 Polis conference.

OUR PARTNERS

The Polis Conference is made possible thanks to the support of our partners:

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Logistics Innovation
through Collaboration
in Europe



8.00

REGISTRATION AND WELCOME COFFEE

PARALLEL SESSIONS 1

9.00 -
10.30

PARALLEL
SESSIONS

1

1A. BOOSTERS FOR CYCLING | ROOM: PRESS

Chair: Anna Clark, Trivector

- **Safe cycle intersection – Trialling radar cycle detection in Dublin**
Karen Hosie, Dublin City Council
- **Cycling policy powered by data, an integrated approach**
Nathan Hooghof, Province of Noord-Brabant & Joost de Kruijf, Breda University of Applied Sciences
- **Promoting the bike at regional level - Catching up as a late starter**
Christoph Erdmenger, Ministry of Transport Baden-Wuerttemberg
- **Communicating the potential of cycling – Innovations from Sweden**
Ulf Eriksson, Region Stockholm

1B. HARNESSING THE DATA POTENTIAL | ROOM: CINEMA

Chair: Suzanne Hoadley, Polis

- **Sustainable mobility and data analysis: The SMASH project**
Luca Giovannini, Dedagroup Public Services
- **Data-enriched urban transportation policies in Breda**
Paul van de Coevering, Breda University of Applied Sciences
- **Taking control of the ticket vending machines by understanding and using the data**
Rob Roemers, STIB-MIVB
- **Past, present and future of transport modelling in Budapest**
Tamás Halmos, BKK Centre for Budapest Transport

1C. PLANNING, DESIGN AND MANAGEMENT OF URBAN INFRASTRUCTURES | ROOM: STUDIO

Chair: Malin Broqvist Andersson, City of Gothenburg

- **Gamechangers in last mile solutions at the Heijendaal campus in Nijmegen**
Bas Kippers, Province of Gelderland
- **City regions boosting sustainable mobility by strengthening clean international corridors**
Arnout Smit, Arnhem Nijmegen City Region & Kevin van der Linden, Rijkswaterstaat
- **The Squares of Grand Paris: Streetscaping intermodal hubs while building the new metro**
Georgina Mendes & Thomas Barbé, Société du Grand Paris
- **Hybrid Oriented Development (HOD) makes the change for sustainable cities**
Erik Tetteroo, APPM & Amsterdam University of Applied Sciences
- **New technologies for optimal allocation of road space in urban areas: The MORE project**
Paul Curtis, Vectos

1D. SAFER INFRASTRUCTURE AND VEHICLES IN CITIES AND REGIONS | ROOM: LOGE 1

Chair: Suzanne Andersson, City of Gothenburg

- **Intelligent Speed Assistance**
Sophie van Velzen, City of Helmond

9.00 -
10.30

PARALLEL
SESSIONS

1

- **The Bus Safety Standard and future casualty gaps**
Alix Edwards, TRL & Kerri Cheek, Transport for London
- **Cycling crashes risk assessment in road infrastructure types: A case study from Berlin**
Rafael Milani Medeiros, Berlin Institute of Technology
- **The New Paradigm for Safe City Streets**
Pedro Homem de Gouveia, Polis

1E. SUMP: NEW CHALLENGES, NEW PRACTICES | ROOM: AQUARIUM

Chair: Hannah Tune, TfGM

- **SUMP 2.0 – Moving towards implementation**
Siegfried Rupprecht, Rupprecht Consult
- **Good Move for Brussels – A participatory process for SUMP**
Bruno van Loveren, Bruxelles Mobilité
- **Transferring good practices in SUMP development**
Maria Chatziathanasiou & Maria Morfoulaki, CERTH/HIT
- **Helping local transport authorities become AV-ready**
Wolfgang Backhaus, Rupprecht Consult

1F. LOCAL AUTHORITIES TAKING OWNERSHIP OF URBAN FREIGHT MANAGEMENT | ROOM: RIVER 1

Chair: Charlotte De Broux, Brussels Mobility

- **Flanders: Teaming up for innovative and sustainable urban logistics**
Jasper Van den Berghen, Government of Flanders - Department Mobility and Public Works
- **The challenge: Towards integrated planning in SUMP Bologna Metropolitana**
Catia Chiusaroli, Metropolitan City of Bologna
- **Zero emission zones: Current experiences and potential logistics effects**
Bram Kin, TNO
- **Sustainable urban freight through clean and silent night operations**
Robin Billsjö, City of Stockholm

1G. HAVING A VISION, BEING ON A MISSION | ROOM: RIVER 6

Chair: Karen Vancluysen, Polis

- **Reshaping cities for light mobility**
Philippe Crist, International Transport Forum at the OECD
- **Integrated network management 3.0 – Should we be afraid of the private city?**
Sylvain Haon, UITP
- **Transition urban mobility pathways - Opportunities of innovative e-mobility solutions**
Oliver Lah, UEMI
- **Unlocking unprecedented data-driven decision making through new mobility solutions**
Philippe Rabin, Urban Radar

10.30

REFRESHMENTS | EXHIBITION AREA

OPENING PLENARY SESSION

ROOM: AUDITORIUM

FAST FORWARD – BLOOM OR GLOOM?

WELCOME ADDRESS:

- Transport for Greater Manchester, Polis President
- **Karen Vancluysen**, Polis Secretary General

OPENING SPEECH:

- **Henrik Hololei**, Director General, DG MOVE, European Commission

KEYNOTE SPEECH:

- Don't Worry About Missing Out!
David Zipper, Visiting Fellow at the Harvard Kennedy School's Taubman Center for State and Local Government

PANEL DEBATE:

Moderator: Karen Vancluysen, Secretary General, Polis

Panellists:

- **Lot van Hooijdonk**, Deputy mayor, City of Utrecht
- **Miguel Gaspar**, Deputy Mayor, City of Lisbon
- **Philippe Crist**, Advisor Innovation & Foresight, International Transport Forum at the OECD
- **Caroline Hazelhurst**, Senior Director EMEA Operations, Bird
- **Daniel Deparis**, Head of Urban Mobility Team, Daimler AG

11.15

LUNCH | EXHIBITION AREA

13.00 –
14.30

MEET THE EXHIBITORS | EXHIBITION AREA

POLIS POLITICAL GROUP LUNCH MEETING (upon invitation only) | RESTAURANT MEZZANINE

MEET OUR PARTNERS!

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



TomTom is the leading independent location technology specialist, shaping mobility with highly accurate maps, navigation software, real-time traffic information and services. To achieve our vision of a safer world, free of congestion and emissions, we create innovative technologies that keep the world moving. By combining our extensive experience with leading business and technology partners, we power connected vehicles, smart mobility and enable cities to manage their transport networks more efficiently. We welcome you at our booth, where we will be showcasing the TomTom Move Portal, Traffic Analytics at your fingertips. Find out more about the mobility challenges in your city and sign up for a free evaluation of the Move Portal.



DPDgroup is Europe's second largest parcel delivery network. DPDgroup combines innovative technology and local knowledge to provide a flexible and user-friendly service for both shippers and shoppers. With its industry-leading Predict service, DPDgroup is setting a new standard for convenience by keeping customers closely in touch with their delivery. With more than 75,000 delivery experts and a network of more than 42,000 Pickup points, DPDgroup delivers 5.2 million parcels each day through the brands DPD, Chronopost, SEUR and BRT. DPDgroup is the parcel delivery network of GeoPost, which posted sales of €7.3 billion in 2018. GeoPost is a holding company owned by Le Groupe La Poste.



At **Uber**, we want to help take people and things from point A to B. In doing so, we want to share data that helps addressing transportation challenges of today, being a valuable partner to cities and authorities across Europe. That's why our team developed Uber Movement, a free and public website using Uber's data to help cities with urban planning and traffic management. This resource can help cities understand their transport network and infrastructure, and make data-driven decisions about how to optimize and improve that network. By delivering these insights, we can help solve real problems that impact the cities in which we operate.



Leading the way to greener and smarter mobility worldwide, **Alstom** develops and markets integrated transport systems that provide the sustainable foundations for a future of multimodal transportation. Alstom offers a complete range of equipment and services, from high-speed trains, metros, tram and e-buses to integrated systems, customized services, infrastructure and digital mobility solutions.



Bird is a last-mile electric vehicle sharing company dedicated to bringing affordable, environmentally-friendly transportation solutions to communities across the world. Bird's mission is to make cities more livable by reducing car usage, traffic, and carbon emissions.



FREE NOW (formerly mytaxi) was founded in 2009 as an e-hailing app in Germany. Today, FREE NOW operates in more than 100 cities across Europe, with 14 million passengers, partnering with more than 100,000 drivers. FREE NOW has become a leading mobility provider by adding a range of innovative ride hailing services to existing offerings including taxis, private hire vehicles and state-of-the art e-scooters.



Cities of the 21st century prepare themselves to not only accommodate autonomous cars and IoT devices but also plan and build infrastructure which protects their most vulnerable citizens. **Miovision** is at the convergence of these trends. Our solution offers cities, traffic engineers, and data collectors a piece of mind when it comes to collecting multimodal, high-quality and verifiable traffic data. Clients, like Nottinghamshire County Council, are benefiting from a simplified data collection process to eliminate errors in data and reduce costs. But also traffic engineers have used our solution to improve traffic flows, avoid costly infrastructure changes or collect qualitative as well as quantitative traffic data on pedestrians, bikes and vehicles. Join us at our booth to discuss your traffic data collection challenges.



Lime is the world's leading smart mobility provider for scooter and bike sharing fleets currently serving over 120 cities globally in over 30 countries across five continents, empowering riders with affordable, flexible, and sustainable shared transportation options that reach every neighborhood.

Cityway is an IT company providing MaaS white label solutions for public transport authorities and their travellers. We help our clients shape the mobility of the future and implement their MaaS strategies. Cityway is the digital asset of Transdev Group. We address today's mobility challenges with our innovative solutions:

- Information solutions: multimodal journey planner with real-time/predictive information
- New mobility services: first/last mile, microtransit, ridesharing, DRT
- Purchase services: mobile mTicketing, account-based ticketing
- Improvement tools: mobility data analysis

CITYWAY - www.cityway.io - Tel.: +33 4 13 34 05 17 - Email: contact@cityway.io



With over 15 years of experience, **Eco-Counter** is the global leader in pedestrian and cyclist counting solutions. Our temporary and permanent, urban and rural people counting solutions count and classify pedestrians and cyclists using discreet, advanced, patented sensor technologies. Automated count data is a powerful tool to capture daily and seasonal usage trends, justify investments, communicate with stakeholders and much more. From bike counters deployed on the busiest cycle tracks of New York City, to trail counters in remote regions of the French Alps, Eco-Counters are trusted around the world. Visit us at our booth to talk about your projects or learn the benefits of bicycle/pedestrian counting



Kapsch TrafficCom is a provider of intelligent transportation systems in the fields of tolling, traffic management, smart urban mobility, traffic safety and security, and connected vehicles. As a one-stop solutions provider, Kapsch TrafficCom offers end-to-end solutions covering the entire value creation chain of its customers, from components and design to the implementation and operation of systems. The mobility solutions supplied by Kapsch TrafficCom help make road traffic safer and more reliable, efficient, and comfortable in urban areas and on highways while helping to reduce pollution. Kapsch TrafficCom is an internationally renowned provider of intelligent transportation systems thanks to the many projects it has brought to successful fruition in more than 50 countries around the globe. As part of the Kapsch Group, Kapsch TrafficCom with headquarters in Vienna, has subsidiaries and branches in more than 30 countries. It has been listed in the Prime Market of the Vienna Stock Exchange since 2007 (ticker symbol: KTCG). Kapsch TrafficCom's about 5,000 employees generated revenues of EUR 738 million in fiscal year 2018/19.



Headquartered in Germany, **Vectos** GmbH is the research and development arm of our transport planning consultancy. We participate in strategic consortia to deliver European Commission, EBRD, World Bank and UN sustainable transport planning programmes. We particularly work at the forefront of: active, shared and collective mobility strategies for urban and rural areas; automated, electro and micro mobility; future design and use of primary urban movement corridors (TEN-T to city centre); Sustainable Urban Mobility Plans; change in behaviour and mobility mind-sets; MaaS; and business models for new mobility products and services. We help achieve sustainable, healthy and socially inclusive mobility, contributing to the design of more liveable cities and regions. By integrating these pioneering measures, ideas, knowledge and technologies into our transport planning practices and our UK portfolio, we ensure that development planning projects immediately capitalise on these innovative and sustainable solutions, with the principles of addressing climate change, social diversity and gender equality underpinning our work.



EASIER, SAFER, FASTER. Faced with the challenges posed by the evolution of urban spaces and their densification, cities must constantly adapt to their citizens ever changing needs. **Flowbird** supports decision-makers in organising, encouraging and managing mobility within cities, helping address the ever changing quality of life, environmental and economic challenges. Every week around the world, thanks to our solutions, mobile applications and online services, we contribute to improving the environment by reducing air pollution, optimising traffic, simplifying payments and in doing so, making cities more secure and economically sustainable. With more than 60 years of experience and with over 100 million weekly users, we are committed to investing heavily in R&D (7%), so offering our customers solutions that are at the forefront of technology.



AECC, the Association for Emissions Control by Catalyst, has demonstrated that it is possible to achieve consistent ultra-low diesel NOx emissions across a wide range of driving conditions using existing technologies. These results clearly show that it is possible to continue to reduce diesel car emissions to levels also achieved by petrol cars, and that diesels can carry on evolving for many years to come while maintaining their inherent CO2 advantage.





ALICE, in partnership with POLIS, want to lead a transformation in cities by making urban freight and logistics proactively respond to pollution, congestion, safety and environmental challenges. We have the objective to ensure a strong strategic Industry & Cities dialogue to share practices and facilitate collaboration models, prioritize topics and accelerate the deployment of solutions towards sustainable zero-emissions city logistics.



Hager Environmental & Atmospheric Technologies, LLC (HEAT) is an international cutting-edge remote sensing company with headquarters in the U.S. and Ireland. Dr. J. Stewart Hager, founder and inventor, developed the state-of-the-art Emissions Detection and Reporting (EDAR) system, which is an advanced and unique vehicle remote sensing technology that is revolutionizing the vehicle emission testing industry. The proven and tested EDAR system is an unmanned, laser-based technology that uses unique spectroscopic methods to detect real-world vehicle emissions (i.e. CO, CO₂, NO, NO₂, HC, & PM) on road with high accuracy without the need for calibration. EDAR is the only remote sensing technology with the capability of detecting vehicles on any type of roadway (single- or multi-lane), including high speed motorways. More information on HEAT and the EDAR system can be found at www.heatremotesensing.com.



Cycling data is hard to come by - it doesn't generate itself just like that. Visitors of the **Bike Citizens** booth will get best practice examples on how to combine technology and its real life roll-out to generate cycling data. Big data is good, big information is better. We will provide a hands-on experience of how cycling data can be turned into cycling insights with a simple mouse click.



Softeco has a proven expertise in the implementation of complex systems for the intelligent and efficient management of people, goods and information mobility and the precise control of the associated technological infrastructures. Softeco is constantly extending and updating its offering, in order to provide customers with the highest levels of excellence and quality of the solutions adopted and of the services provided. Softeco achieved these results thanks to a constant Research and Innovations activity, which also led Softeco to be among the key players of the international research community for these areas. For smart mobility particularly, Softeco has developed solutions for the environmentally friendly organization and management of services, favouring the reduction of traffic, pollution and energy consumption. The main areas in which Softeco operates are: local public transport, flexible transport and smart mobility, infomobility, traffic and safety, logistics, railways and subways. Come visit our stand to get an overview of our portfolio of products and skills – SOFTECO. SIMPLY YOUR TECH SOLUTIONS



Eurideas Language Experts is a professional translation agency specializing in international and EU affairs, as well as in legal, financial, business, medical, chemical, environmental, transport- and energy-related and technical translations. With our international team of 800 translators we cover more than 60 languages, including all the official EU languages. Our linguists and project managers have broad experience with international and EU funded projects, ensuring that our work is in compliance with the strict guidelines and quality requirements of the European Institutions and international organizations.



The **Transport Research and Innovation Monitoring and Information System (TRIMIS)** monitors the implementation and effectiveness of the roadmaps developed by the European Commission's Strategic Transport Research and Innovation Agenda. TRIMIS analyses technology trends, research and innovation capacities and developments in the European transport sector, providing open-access information. The Sustainable Transport Unit, Directorate for Energy, Transport and Climate at the European Commission's Joint Research Centre manages TRIMIS on behalf of the Directorate General for Mobility and Transport (DG MOVE) and the Directorate General for Research and Innovation (DG RTD).



Founded to support startups that develop innovations in terms of sustainable mobility, the **European Startup Prize for mobility** is a leading public-private initiative launched by Karima Delli, Chairwoman of the European Parliament Committee on Transport and Tourism, and co-founded by Boston Consulting Group and Via ID. Supported by both the European Parliament and the European Commission, as well as by major partners such as ADP, GRDF, Europcar Mobility Group and RATP, the programme rewards the best European innovations in terms of sustainable mobility, by providing them with visibility, a network of qualified contacts and the skills necessary for their development.

GET IN TOUCH WITH EXHIBITING PROJECTS:

Brussels Mobility is the administrative body responsible for infrastructure, public works and transport for the Brussels Region. Our daily challenges: improving mobility as well as the safety, accessibility and quality of public spaces in Brussels in order to optimize the quality of life of residents and commuters. We work on providing a coherent vision of mobility and spatial planning by proposing strategic development principles such as the new Regional Mobility Plan 'Good Move' which was elaborated through a dynamic and participatory process.



EIT Urban Mobility is an initiative of the European Institute of Innovation and Technology (EIT) and aims to become the largest European initiative transforming urban mobility. Co-funding of up to € 400 million (2020-2026) from the EIT, a body of the European Union, will help make this happen. EIT Urban Mobility is an innovation community to educate and inspire mobility solutions for 21st century cities. EIT Urban Mobility will avoid fragmentation by encouraging all urban mobility players to work together — with cities and citizens at its heart — and increase social inclusion and equality. For more information visit the website: www.eiturbanmobility.eu



The **H2020 IMOVE project** aims to advance the use and scalability of Mobility as a Service (MaaS) schemes in Europe, ultimately paving the way for a "roaming" service for users at a European level. With transnational transit in mind, IMOVE investigates solutions for improving MaaS at an operational level and its underlying business model. IMOVE will deliver enhanced real-time data collection about user needs and preferences, tools for the exchange of information and systems to enhance interoperability between different MaaS schemes and service components. IMOVE solutions are being tested in five European Living Labs - Berlin, Göteborg, Greater Manchester, Madrid and Turin.



MaaS4EU will provide quantifiable evidence, frameworks and tools to enable MaaS, by addressing challenges linked to 1) Business; 2) End-Users; 3) Technology & Data; 4) Policy. The impact of MaaS services on end-users' short term (activity patterns) and mid-term (car-ownership) travel choices are monitored and evaluated to provide feedback to authorities about the advantages and disadvantages of the concept. MaaS4EU also supports travellers in selecting the mobility plans that best fit their needs. MaaS4EU designs prototype business models involving multiple actors within the EU single market. The holistic MaaS4EU solutions are demonstrated and validated in three pilot areas: Greater Manchester, Greater Luxembourg, and Budapest.



Port cities deal with some unique challenges, from getting cruise ship passengers to the city center, to routing truck traffic, to docking ships. Given their multi-modal nature – road, air, rail and sea – they are the perfect place to try out new solutions encompassing all aspects of mobility. In **CIVITAS PORTIS** 5 living labs are implementing 49 mobility measures, supporting their multifunctional role of cities, ports and gateways to inland areas. PORTIS aims to show that sustainable mobility can increase functional and social cohesion between city centres and ports, while pushing the economy forward and boosting the allure of modern urban environments. With European support, Antwerp, Aberdeen, Trieste, Klaipeda and Constanta are working on innovative and sustainable solutions to improve access to their cities and ports. In addition, an international port city is involved: Ningbo, by the East China Sea.



PICK UP MAGAZINES FROM OUR MEDIA PARTNERS



PARALLEL SESSIONS 2

2A. UNDERSTANDING, PREDICTING, CHANGING BEHAVIOUR | ROOM: STUDIO

Chair: Ingrid Stegeman, EuroHealthNet

- **Understanding people who drive and how to deliver traffic restraint**
Tim Burns, Sustrans
- **School streets case studies from Southampton. How using temporary street closures and trial interventions can help to gain support for permanent changes**
Hannah Chivers, Southampton City Council & Alan Wong, University of Southampton
- **ViaLibera: Giving the streets back to the people**
Francesco Iacorossi, Roma Servizi per la Mobilità
- **"Veligo Location": Deployment of a long-term e-bike rental service**
Christian Gioria, Ile-de-France Mobilités

2B. THE CHANGING FACE OF TRAFFIC MANAGEMENT | ROOM: AQUARIUM

Chair: Suzanne Hoadley, Polis

- **TMaas, a new, innovative approach to mobility management in small to medium-sized cities worldwide**
Sophie Gillaerts, City of Ghent & Stephanie Leonard, TomTom
- **The Dutch approach to multi-modal traffic management**
Terry Albronda, City of Groningen
- **Proof of concept Utrecht trilogy, The third and final book!**
Peter-Jan Kleevens, City of Utrecht
- **Innovation and technology for future mobility concepts in the City of Dresden**
Robert Franke, City of Dresden

2C. NEW DEVELOPMENTS IN PARKING | ROOM: RIVER 6

Chair: Ellie Deloffre, Lille Métropole

- **Managing kerbside access and policy with the digital evolution of on-street parking payment infrastructure**
Thierry Brusseau, Flowbird
- **An empirical study into the effects of private automated vehicles on drivers' parking location choice**
Daphne van den Hurk, Goudappel Coffeng
- **Ticketless entrance, payment and exit in parking garages in Gent**
Katrien Vandenhecke, Mobiliteitsbedrijf Stad Gent
- **From parking challenges to parking policy with data-driven public participation**
Urban Jeriha, IPoP - Institute for Spatial Policies
- **Step up your game in parking management: First outcomes of the PARK4SUMP project**
Laurens Vander Kuylen, Mobiel 21



2D. BENCHMARKING ROAD SAFETY IN CITIES | ROOM: LOGE 1

Chair: Dovile Adminaite, ETSC

- **Mapping and visualising road safety data in areas of deprivation and what it teaches us about the reasons for risk inequality**
Alexander Quayle & Alasdair Anderson, Sustrans Scotland
- **In-depth collision research in urban environments**
Nicola Hylands, TRL Ltd
- **Data-driven road safety innovations for cities**
Alexandre Santacreu, International Transport Forum
- **The effect of mobility characteristics on road safety in European cities**
George Yannis, National Technical University of Athens

14.30 -
16.00

PARALLEL
SESSIONS

2

14.30 -
16.00**2E. MEASURING EMISSIONS IN CITIES** | ROOM: RIVER 1**Chair:** Louise Duprez, Bruxelles Environnement

- **Clearing the Air! A consideration of the practical challenges of decarbonising city transport**
Philip Blythe, UK Department for Transport
- **Green NCAP, a new consumer programme for greener cars**
Laurianne Krid, FIA Region I
- **Air Quality mapping goes mobile in the streets of Paris**
Jean-Baptiste Burtscher, VALEO thermal system
- **Low Emission Zones policy: How remote sensing data can contribute**
Sandra Wappelhorst, ICCT - International Council on Clean Transportation
- **Smoke & Mirrors: Flanders addressing high vehicle emissions in real driving conditions**
Roel Vaneerdegeweg, Department for Environment and Spatial Development - Flanders Region

2F. INNOVATIVE SOLUTIONS FOR OPTIMISING URBAN FREIGHT MOVEMENTS | ROOM: CINEMA**Chair:** Maria Rodrigues, Panteia

- **New trends in urban freight transport: Stakeholder engagement to foster sustainable solutions**
Edoardo Marcucci, University of Roma Tre
- **Sustainable and attractive cities where people will want to live, without curbing their economic and commercial dynamism**
Delphine Janicot, URB, Groupe La Poste
- **Smart on-street goods deliveries: Building on a big data analysis of the Vic pilot and Last-Mile Delivery innovation programmes in EU cities**
Simon Hayes, PARKUNLOAD & Joana Rodriguez, Vic City Council
- **Distribution of goods using regular passenger bus lines**
Josep Lluís Larriba, Sparsity
- **Autonomous droid for urban deliveries**
Constance Lauffet, CARA, European cluster for mobility solutions & Vincent Talon, TwinswHeel/SOBEN

2G. SECURING MOBILITY IN SMC'S, PERI-URBAN, AND RURAL AREAS | ROOM: PRESS**Chair:** Luana Bidașcă, DG MOVE, European Commission

- **Challenges and priorities for Small and Medium-Sized Cities**
Guido Rink, City of Emmen
- **Connecting Southampton - Better transport for a sustainable city**
Iain Steane, Southampton City Council
- **Innovative mobility and transport addressing the particular challenges of peri-urban areas. Findings from a multi-criteria analysis in France**
Verena Ehrler, IFSTTAR
- **Rural shared mobility in Europe: Key findings from the SMARTA Project**
Lucia Cristea, European Integrated Project
- **Welcome on board - Serving remote hilly areas in Zalaegerszeg (Hungary) thanks to DRT**
András Ekés, Mobilissimus Ltd.

16.00

REFRESHMENTS | EXHIBITION AREA

INFO SESSION: Get to know Polis and join! | RIVER 1

PARALLEL SESSIONS 3

3A. ACTIVE TRAVEL AND SPACE DESIGN | ROOM: RIVER 6

Chair: Florinda Boschetti, Polis

- **Transport's role in improving health outcomes among younger people**
Andy Cope, Sustrans
- **Implementation strategy for walking and cycling for an attractive and healthy Rotterdam**
Bart Christiaens, City of Rotterdam
- **Adapting the city centre to shared mobility**
Joanna Holi-Sosnowska, City of Czestochowa
- **Glasgow Avenues Project**
Andy Waddell, Glasgow City Council

3B. ON THE ROAD TO AUTOMATION | ROOM: STUDIO

Chair: Tamara Goldsteen, City of Helmond/EIP-SCC New Mobility Services

- **Enhanced traffic management of connected and automated vehicles in transition areas**
Sven Maerivoet, Transport & Mobility Leuven
- **Road infrastructure challenges for automated vehicles**
Kris Redant, Belgian Road Research Centre
- **Automation functions on ElectriCity buses**
Peter Lindgren, City of Gothenburg, Urban Transport Administration
- **What do people want? Citizens' views on driverless mobility in Lille**
Benoît Wiatrak, Lille Métropole & Yves Mathieu, Missions Publiques

3C. ACCESS FOR ALL | ROOM: LOGE 1

Chair: Kristin Tovaas, Rupprecht Consult GmbH

- **The blind side of shared mobility**
Esen Köse, Taxisstop & Merel Vansevenant, Autodelen.net
- **Involving end users in the creation of inclusive mobility services**
Evelien Marlier & Delphine Grandsart, European Passengers' Federation
- **Generating demand-responsive bus routes from social network data analysis**
Stefano Persi, Mosaic Factor
- **Measuring and improving urban accessibility in French Cities: Methods, policies and lessons learned**
Pablo Carreras, Codra
- **Rotterdam's growth, a mobility transition and the role of public transport**
Rianne Roeleveld, Goudappel Coffeng & Gert Jan Polhuis, Municipality of Rotterdam

3D. THE EUROPEAN START-UP PRIZE FOR MOBILITY: CHECKING OUT THE LATEST INNOVATIONS | ROOM: CINEMA

Chair: Stephanie Hagen, Autonomy

With innovation pitches from:

- **Paul Arndt**, Business Development Manager, Blickfeld
- **Erik de Winter**, Co-Founder, Cargoroo
- **Antoine Laporte-Weywada**, Head of Development, Geovelo
- **Boris Pilichowski & Nicolas Andine**, Co-CEOs, Karhoo
- **Nicolas Duvaut**, CEO, K-ryole
- **Gerard Martret**, Co-founder, Shotl

Followed by feedback from a jury of Polis members: Frank Vanden Bulcke, City of Ghent & Irene Claesson, Gothenburg Traffic Office.

16.45 -
18.15

PARALLEL
SESSIONS

3

16.45 -
18.15

PARALLEL
SESSIONS

3

PANEL DEBATE: TOMORROW'S MOBILITY IN TODAY'S CITIES

Moderator: Ben Costantini, CEO, Startup Sesame

- **Kayvan Nikjou**, Founder & CEO, Mobility City Campus
- **Karolina Korth**, Chief Digital Officer & Head of Strategy, Siemens Mobility Spain
- **Sampo Hietanen**, Founder and CEO, MaaS Global Ltd

3E. TRANSPORT DIGITALISATION | ROOM: PRESS

Chair: Stephanie Leonard, TomTom

- **A city's journey towards digitising roads and network management**
Mikael Ivari, City of Gothenburg
- **Data exchange for urban traffic management and multimodal traveller information: Success factors and challenges**
Christian Kleine, HERE Technologies
- **An innovative solution to turn transport data into EU compliance**
Irene Celino, Cefriel

3F. SMART PROCUREMENT FOR SUSTAINABLE AND CLEAN TRANSPORT | ROOM: RIVER 1

Chair: Françoise Guaspere, Ile-de-France Europe

- **The largest zero-emission public transport tender in Europe to date: Lessons learned in Amsterdam**
Sanne van Breukelen, Vervoerregio Amsterdam Regional Transport Authority
- **Fuel cell bus deployment with the example of the JIVE projects**
Sabrine Skiker, Hydrogen Europe
- **An integrated process to develop the world's first emission-free high-speed boats for public transport**
Morten Berntsen & Lars Fabricius, Trøndelag County
- **Sustainable infrastructural procurement for 'The Roads of the Future'**
Petrouchka den Dunnen, Province Zuid-Holland

3G. WHAT DO PEOPLE WANT? WHAT DOES THE CITY NEED? | ROOM: AQUARIUM

Chair: Kalina Peneva Gaedeke, City of Berlin

- **Co-creating people-focussed mobility solutions one neighbourhood at a time**
Ralf Brand, Rupprecht Consult & László Sándor Kerényi, BKK Centre for Budapest Transport
- **SUMP in Rome: The process of co-creation and its approval**
Fabio Nussio, Roma Servizi per la Mobilità
- **Going beyond participation: Using co-creation to solve mobility problems in Brussels**
Jesse Pappers, Vrije Universiteit Brussel
- **Telraam - Citizen science fills in blind spot of traffic counting**
Laurens Vander Kuylen, Mobiel 21 & Wouter Florizoone, Transport & Mobility Leuven

18.15

CLOSE OF DAY ONE

19.15

CONFERENCE DINNER: SPONSORED BY BIRD

The Belgian Comic Strip Centre, rue des Sables 20, 1000 Brussels

22.00

POLIS AFTER-PARTY

Same location as the Conference Dinner

8.00

WELCOME COFFEE

PARALLEL SESSIONS 4

4A. CLEAN ENERGY, SMART GRIDS AND ELECTRIC MOBILITY | ROOM: RIVER 1

Chair: Jillian van der Gaag, City of Amsterdam

- **Clean energy and smart grids for electric vehicles**
Mereille Kleinkoerkamp Scheurs, Allego
- **The role of smart, clean energy systems in powering transport in London**
David Talbot, Transport for London
- **Effective EV charging infrastructure roll-out: What's in it for the grids?**
Petar Georgiev, Eurelectric
- **Vehicle2Grid and Smart Charging: Learning from 6 pilot cases**
Robert van den Hoed, Amsterdam University of Applied Sciences
- **A tale of three cities – Lessons from GrowSmarter and recommendations for upscaling and replication**
Paul Fenton, City of Stockholm
- **Fostering large scale adoption of smart e-mobility in European cities: MEISTER project**
Sabrina Schimmel, Berlin Senate & Antonio Marqués, ETRA I+D

Followed by a discussion with a panel of experts, with Peter Swart (Municipality of Arnhem) & Christian Kassyda (Volkswagen Commercial Vehicles).

9.00 -
11.15

PARALLEL
SESSIONS

4

4B. INTEGRATED TRANSPORT SYSTEMS AND SERVICES | ROOM: CINEMA

Chair: Isabelle Vandoorne, DG MOVE, European Commission

- **MAAS Madrid to promote rational mobility**
Sergio Fernandez Balaguer, EMT Madrid
- **"Integrated mobility" in Toulouse (MaaS)**
Vincent Georjon, Tisseo Collectivities
- **Fare integration scheme for a seamless journey across the whole metropolitan area**
Théo Fievet, Lille Métropole
- **Amsterdam Region MaaS Vision: Finding the best possible MaaS ecosystem structure for the Amsterdam region**
Thomas Geier, Vervoerregio Amsterdam Regional Transport Authority
- **Open transport data for sustainable mobility: Experiences from Baden-Württemberg**
Christian Förster, Ministry of Transport Baden-Wuerttemberg
- **Make it simple – The fare and ticketing solution for public transportation in Stockholm**
Henrik Palmér, SL/Stockholm public transport

4C. URBAN VEHICLE ACCESS REGULATIONS: CONSOLIDATION OR TRANSITION? | ROOM: PRESS

Chair: Cathy Macharis, VUB

EXPERTS AND STAKEHOLDERS PANEL

- **UVAR in transition – first REVEAL findings**
Lucy Sadler, Sadler Consultants
- **Intelligent access for livable and sustainable European cities**
Jop Spoelstra, Technolution
- **Zero Emission (ZE) zones in the Netherlands. A Roadmap for medium-sized cities**
Erik Lubberding, Buck Consultants International
- **DPDgroup: stakeholder in air quality measurement**
Dominique Mamcarz, DPDgroup
- **UVARs in view of the provision of road transport services**
Raluca Marian, IRU

9.00 -
11.15

PARALLEL
SESSIONS

4

CITY PANEL

- **Diesel and petrol ban in Brussels**
Louise Duprez, Bruxelles Environnement
- **SMART Low Emission Zone – Barcelona Ring Road Area**
Carles Conill, Metropolitan Area of Barcelona
- **Access regulation for trucks + 3.5 tonnes in the city of Antwerp**
Laura Tavernier, City of Antwerp
- **Driving Bans on Diesel Cars in Frankfurt am Main: Estimation of Potential Economic Costs**
Tobias Hagen, Research Lab for Urban Transport - Frankfurt University of Applied Sciences

4D. SMART CITIES: WHAT DO WE TALK ABOUT WHEN WE TALK ABOUT SMART? | ROOM: STUDIO

Chairs: **Tamara Goldsteen**, City of Helmond/EIP-SCC New Mobility Services & **Bernadette Bergsma**, City of Eindhoven/EIT Urban Mobility

- **EIT Urban Mobility**
Bernadette Bergsma, City of Eindhoven/EIT Urban Mobility
- **More liveable cities through the deployment of new mobility services**
Edwin Mermans, Province of Noord-Brabant
- **Lessons from the large-scale deployment of C-ITS in complex urban areas**
Tamara Goldsteen, City of Helmond & Giacomo Somma, Ertico
- **Appropriate policy responses to the urban mobility transition – First insights from the SPROUT project**
Aristos Halatsis, CERTH/HIT
- **The innovative road to success: Building the first energy-producing road**
Marijn Van Dijk, Dynniq Mobility Nederland BV
- **The Mulhouse Mobility Account - Just about how easy MaaS should get**
Laurent Glorieux, Cityway
- **Smart Parking Solutions**
Theo Thuis, European Parking Association
- **Excellent Governance for New Mobility Services**
Floris Bakermans, AT Osborne
- **Sustainable Urban Freight transport**
Danielle de Boer, Fontys University of applied science
- **Intelligent Speed Assistance**
Sophie van Velzen, City of Helmond
- **Traffic Management – Launch of the TMaaS Observatory**
Stephanie Leonard, TomTom
- **Smart cycling and walking**
Eléonore Venin, Charvet Digital Media / New Mobility Services
- **Wrap up**
Luana Bidașcă - DG MOVE European Commission

4E. MICROMOBILITY: IN FOR THE LONG RUN? | ROOM: RIVER 6

Chair: **Karen Vancluysen**, Polis

- **Micromobility in Brussels: Temporary frenzy or lasting mobility solution?**
Martin Lefranq, Bruxelles Mobilité
- **Micro-mobility data for city benefit: The case of Washington, DC (USA)**
Iryna Bondarenko, The District of Columbia Department of Transportation
- **The Paris micromobility charter**
Natalia Ciciarello, City of Paris
- **Does bike sharing work in medium to high modality cities?**
Alexander Frederiksen, Donkey Republic
- **Capitalising on nextbike trip data and client experiences to improve planning and livability**
John Ospina, nextbike GmbH
- **Transforming urban mobility with electric vehicle sharing**
Kristian Agerbo, VOI Technology
- **E-Scooters: Building block of the "Verkehrswende"**
Fabian Ladda, Lime

9.00 -
11.15

PARALLEL
SESSIONS

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4F. NEW MOBILITY SERVICES: REGULATION & COOPERATION | ROOM: AQUARIUM

Chair: Caroline Cerfontaine, UITP

- **New mobility solutions, governance principles and regulation: The GECKO Knowledge Bank**
Yannick Bousse, UITP
- **Development and implementation of policies and governance by cities around New Mobility concepts**
Geiske Bouma, TNO
- **Car sharing in Europe: Different systems, different impacts, 10 common policy recommendations**
Johannes Rodenbach, Autodelen.net
- **Smart and shared mobility – What role for the municipality in the digitised transport system?**
Axel Persson, Trivector
- **Antwerp's Marketplace for Mobility: Partnering with private mobility service providers**
Chris Van Maroey, City of Antwerp
- **Madrid's "Lab" for e-shared mobility**
Sergio Fernandez Balaguer, EMT Madrid

11.15

REFRESHMENTS | EXHIBITION AREA

CLOSING PLENARY SESSION

ROOM: AUDITORIUM

WHO'S THE ACTION HERO IN VISION ZERO?

KEYNOTE SPEECH

- **Jeannot Mersch**, President, European Federation of Road Traffic Victims

SIGNING CEREMONY 'THE NEW PARADIGM FOR SAFE CITY STREETS'

PANEL DEBATE

Moderator: Bronwen Thornton, CEO, Walk21

Panellists:

- **Matthew Baldwin**, European Coordinator for Road Safety & Sustainable Mobility, Deputy Director-General DG MOVE, European Commission
- **Lilli Matson**, Chief Officer for Safety, Health and Environment, London
- **Suzanne Anderson**, Development strategist, Traffic Administration, City of Gothenburg
- **Peter van der Knaap**, Director, SWOV - Dutch Road Safety Institute
- **George Yannis**, Professor, National Technical University of Athens

CLOSING

- Thinking Cities Award
- Handover of Polis Presidency from Transport for Greater Manchester to new President elect

11.45

13.15

LUNCH | EXHIBITION AREA

14.15

SITE VISITS | MEETING POINT: REGISTRATION DESK

SITE VISITS

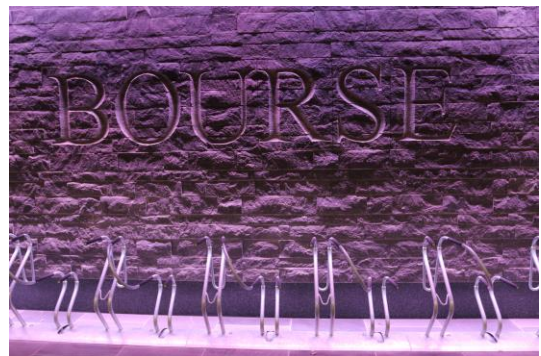
28 November 2019, departure: 14.15.

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

1 PARKING AND INTERMODALITY

Brussels works towards modal shift, and parking is part of the solution. Parking.Brussels, the Brussels Regional Parking Agency, will show the participants its policies and projects on parking as part of an intermodal urban mobility system. After a short introduction at The Egg, we will travel to the P&R CERIA/COOVI, one of the largest park and ride sites of the region. The afternoon closes with a visit to the Bourse/Brouckère bicycle parking facility.

- **Length:** approximately 2 hours 30
- **Capacity:** 20



2 PROXIMUS CITY HUB: GREEN CONSOLIDATED DELIVERIES FOR SHOPS IN BRUSSELS

Proximus is the largest telecommunications company in Belgium. It aims to become a digital service provider, transforming technologies like the Internet of Things (IoT), Big Data, Cloud and Security into solutions for people and society.

Together with L'Oreal, Proximus recently launched an eco and city-friendly delivery service for retail shops in Brussels. By combining the logistic flows of two major companies, the pilot will assess the operational feasibility and the impact on environment, congestion and noise.

During this tour, you will visit the Anderlecht inner-city hub operated by Proximus, where cross-docking from the classical linehauls to city friendly transport, mainly cargo bikes, takes place.

- **Length:** approximately 2 hours
- **Capacity:** 45



SITE VISITS

3 AUTOMATED SHUTTLE SERVICE FOR BRUSSELS HEALTH CAMPUS



The Brussels Health Campus of the VUB University is piloting an automated shuttle service. During the site visit, you will be able to test the automated shuttle, which connects the hospital with other points on the campus (e.g. bus stop, parking, etc.). Participants will also be informed about the first results of the demonstration.

Transport of participants to the Brussels Health Campus by electric buses, kindly provided by Brussels public transport operator, STIB.

- **Length:** approximately 2 hours
- **Capacity:** 30

4 WALKSHOP: DISCOVER BRUSSELS' NEW CAR-FREE AREA!



In four years, a Haussmann-style boulevard was transformed from a 4-lane urban highway to a pedestrian-only commercial and cultural public space at the heart of Brussels. How did this happen? BRAL, urban movement for Brussels, guides you through the history of a pedestrian zone in the making. This walkshop will take participants through the record-vast pedestrian zone, focusing on mobility challenges as well as on citizens' engagement in this radical urban vision. Why and how did the former mayor of Brussels opt for pedestrianisation at large scale? Have the citizens been engaged in their powerful claim for a shared street design that would allow room for leisure, gathering and eco-social values? Has it helped traffic calming at the inner-city level? What regulatory and technical phases were needed to achieve this modal revolution? What were side effects on accessibility, particularly for public transport, and cycling? The Alderman for Mobility will explain the adaptations and upscaling of this mobility transformation. The walkshop will end with a visit to the brand-new underground bicycle parking in Bourse, which was inaugurated in 2019.

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

SPACE FOR YOUR NOTES

SPACE FOR YOUR NOTES

PRACTICAL DETAILS

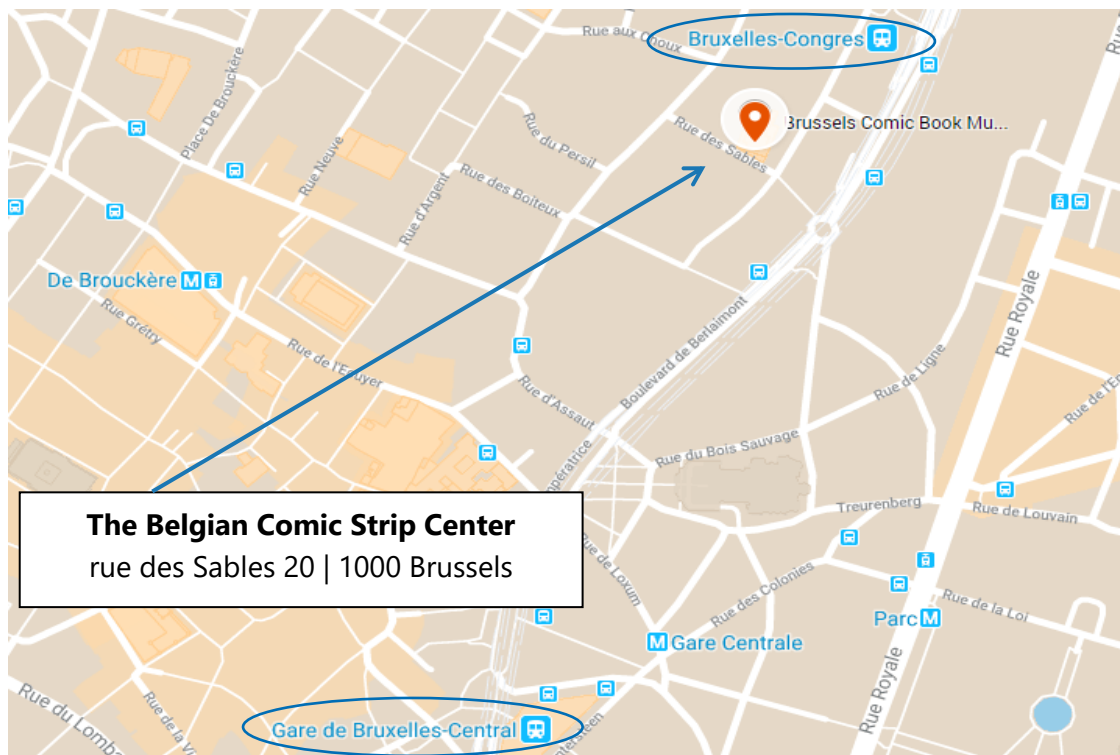
Conference venue:

The Egg | Rue Bara 175 | 1070 Brussels



Dinner venue:

The Belgian Comic Strip Center | Rue des Sables 20 | 1000 Brussels





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www.polisnetwork.eu/2019Conference

The wifi password is Polis2019

www.polisnetwork.eu

