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

www.polisnetwork.eu/2019Conference

DRAFT
CONFERENCE
PROGRAMME

30TH ANNIVERSARY

AGENDA OVERVIEW

Tuesday 26/11		
9.00-12.00	**SIDE EVENTS:** IRU-POLIS round-table on coach access to cities (upon invitation only)	
12.00 - 17.00	**Polis Annual General Assembly (AGA)** **Polis Political Group site visit** (Polis members only)	
19.00	**AGA and Political Group Dinner** (Polis members only)	

Wednesday 27/11

Time							
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	1G. Having a vision, being on a mission
10.30	Refreshments						
11.15	**Opening Plenary Session: Fast Forward – Bloom or Gloom?**						
13.00	Lunch + Meet the exhibitors						
	Polis Political Group lunch (upon invitation)						
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	2G. Securing mobility in SMCs, peri-urban and rural areas
16.00	Refreshments						
	Info session: Get to know Polis and join!						
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	3G. What do people want?
19.15	**Conference Dinner**						
22.00	**Polis After-Party**						

Thursday 28/11	**8.00**	Welcome Coffee					

		Parallel Sessions IV:					
	9.00	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	4F. New Mobility Services
	11.15	Refreshments					
	11.45	**Closing Plenary Session: Who's the Action Hero in Vision Zero?**					
	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, 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:

| 8.00 | REGISTRATION AND WELCOME COFFEE |

PARALLEL SESSIONS 1

9.00 - 10.30

PARALLEL SESSIONS

1

1A. BOOSTERS FOR CYCLING

- **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
- **Communicate the potential of cycling – Innovations from Sweden**
  Ulf Eriksson, Region Stockholm

1B. HARNESSING THE DATA POTENTIAL

- **Sustainable mobility and data analysis: The SMASH project**
  Piergiorgio Cipriano, 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

- **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**
  Thomas Barbe, Société du Grand Paris
- **Hybrid Oriented Development (HOD) makes the change for sustainable cities**
  Erik Tetteroo, APPM & Amsterdam University of Applied Sciences
- **Gamechangers in last mile solutions at the Heijendaal campus in Nijmegen**
  Mirjam Koopman & Bas Kippers, Province of Gelderland
- **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

- **Intelligent Speed Assistance**
  Sophie van Velzen, City of Helmond
- **The Bus Safety Standard and future casualty gaps**
  Alix Edwards, TRL & Kerri Cheek, Transport for London
- **Are 3D zebra crosswalks an effective measure to improve the safety of crossing pedestrians?**
  Tim De Ceunynck, Vias institute

9.00 - 10.30

PARALLEL SESSIONS

1

1E. SUMP: NEW CHALLENGES, NEW PRACTICES

- **SUMP 2.0 – Moving towards implementation**
  Siegfried Rupprecht, Rupprecht Consult
- **Good Move for Brussels – A participatory process for SUMPs**
  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

- **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**
  Nina Nesterova, TNO
- **Sustainable urban freight through clean and silent night operation**
  Robin Billsjö, City of Stockholm

1G. HAVING A VISION, BEING ON A MISSION

- **Reshaping cities for light mobility**
  Philippe Crist, International Transport Forum at the OECD
- **Building the gender dimension into urban mobility policy**
  Heather Allen, Consultant
- **Integrated network management 3.0 – Should we be afraid of the private city?**
  Sylvain Haon, UITP

10.30 REFRESHMENTS

OPENING PLENARY SESSION

FAST FORWARD – BLOOM OR GLOOM?

WELCOME ADDRESS:

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

OPENING SPEECH:

- **Henrik Hololei,** Director-General DG MOVE, European Commission (tbc)

KEYNOTE SPEECH:

- **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

- **Miguel Gaspar**, Deputy Mayor, City of Lisbon
- **Lot van Hooijdonk,** Deputy Mayor, City of Utrecht (tbc)
- **Philippe Crist**, Advisor Innovation & Foresight, International Transport Forum at the OECD
- Other panellists to be announced soon

11.15

13.00 – 14.30	LUNCH
	MEET THE EXHIBITORS
	POLIS POLITICAL GROUP LUNCH MEETING (upon invitation only)

PARALLEL SESSIONS 2

14.30 - 16.00

PARALLEL SESSIONS

2

2A. UNDERSTANDING, PREDICTING, CHANGING BEHAVIOUR

- **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
- **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**
  Cyril Aillaud, Ile-de-France Mobilités

2B. THE CHANGING FACE OF TRAFFIC MANAGEMENT

- **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 & Michel Mostert, City of Rotterdam
- **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

- **Managing kerbside access and policy with the digital evolution of on-street parking payment infrastructure**
  Thierry Brusseaux, 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**
  Patrick Auwerx, Mobiel21

2D. BENCHMARKING ROAD SAFETY IN CITIES

- **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
Katerina Folla, National Technical University of Athens

2E. MEASURING EMISSIONS IN CITIES

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
Laetitia Clemaron, 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 Vaneerdeweg, Department for Environment and Spatial Development - Flanders Region

2F. INNOVATIVE SOLUTIONS FOR OPTIMISING URBAN FREIGHT MOVEMENTS

New trends in urban freight transport: Stakeholder engagement to foster sustainable solutions
Edoardo Marcucci, University of Roma Tre
Smart Urban Deliveries at DPDgroup
Dominique Mamcarz, DPD Group
Sustainable and attractive cities where people will want to live, without curbing their economic and commercial dynamism
Delphine Janicot, URBY, 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
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

2G. SECURING MOBILITY IN SMC'S, PERI-URBAN, AND RURAL AREAS

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

14.30 - 16.00

PARALLEL SESSIONS

2

16.00 REFRESHMENTS

INFO SESSION: Get to know Polis and join!

PARALLEL SESSIONS 3

16.45 - 18.15

PARALLEL SESSIONS

3

3A. ACTIVE TRAVEL AND SPACE DESIGN

- **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**
  Martin Guit, City of Rotterdam
- **Adaptating 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

- **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 Metropole & Yves Mathieu, Missions Publiques

3C. ACCESS FOR ALL

- **The blind side of shared mobility**
  Esen Köse, Taxistop & Jeffrey Matthijs, Autodelen.net
- **Involving end-users in the creation of inclusive mobility services**
  Evelien Marlier, 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 (vision)**
  Rianne Roeleveld, Goudappel Coffeng & Gert Jan Polhuis, Municipality of Rotterdam

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

With innovation pitches from:

- **Blickfeld, Cargoroo, Geovelo, Karhoo, K-ryole, and Shotl**

Followed by feedback from a jury of Polis members

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

Facilitated by Ben Costantini, CEO Startup Sesame

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

16.45 - 18.15

PARALLEL SESSIONS

3

3E. TRANSPORT DIGITALISATION

- **A city's journey towards digitising the road network and traffic management**
  Mikael Ivari, City of Gothenburg
- **Data exchange for urban traffic management and multimodal traveller information: Success factors and challenges**
  Peter Lubrich, Federal Highway Research Institute
- **An innovative solution to turn transport data into EU compliance**
  Marco Comerio, Cefriel

3F. SMART PROCUREMENT FOR SUSTAINABLE AND CLEAN TRANSPORT

- **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'**
  Klaas van Staalduine, Province Zuid-Holland

3G. WHAT DO PEOPLE WANT? WHAT DOES THE CITY NEED?

- **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

18.15	**CLOSE OF DAY ONE**

19.15	**CONFERENCE DINNER** *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

- **Clean energy and smart grids for electric vehicles**
  Anja Van Niersen, 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 for the grids?**
  Petar Georgiev, Eurelectric
- **Data-driven optimization of charging infrastructure rollout**
  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 smart e-mobility large scale adoption in European cities: MEISTER project**
  Sabrina Schimmel, Berlin Senate & Antonio Marqués, ETRA I+D

Followed by a exchange with a panel of experts

4B. INTEGRATED TRANSPORT SYSTEMS AND SERVICES

9.00 - 11.15

PARALLEL SESSIONS

4

- **MAAS Madrid to promote rational car use**
  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: A research and cooperation rich process to 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 Foerster, Ministry of Transport Baden-Wuerttemberg

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

- **UVAR in transition – first REVEAL findings**
  Lucy Sadler, Sadler Consult
- **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
- **UVARs in view of the provision of road transport services**
  Raluca Marian, IRU
- **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

9.00 - 11.15

PARALLEL SESSIONS

4

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

- **Mobility for more liveable cities by large-scale deployment of new mobility services**
  Edwin Mermans, Province of Noord-Brabant
- **Lessons from large scale deployment of C-ITS in complex urban areas**
  Tamara Goldsteen, City of Helmond
- **Cities cooperating for an appropriate policy response towards 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

4E. MICROMOBILITY: IN FOR THE LONG RUN?

- **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
- **E-scooters and the future of urban mobility**
  Bart De Liefde, Bird
- **Does bike sharing work in medium to high modality cities?**
  Alexander Frederiksen, Donkey Republic
- **Capitalising on nextbike trip data and client experiences in collaboration with cities to improve planning and livability**
  Mareike Rauchhaus, nextbike GmbH
- **Transforming urban mobility with electric vehicle sharing**
  Kristian Agerbo, VOI Technology
  Speaker to be confirmed, Lime

4F. NEW MOBILITY SERVICES: REGULATION & COOPERATION

- **Madrid: "Lab" for e-shared mobility**
  Sergio Fernandez Balaguer, EMT Madrid
- **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**
  Diana Vonk Noordegraaf, 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

| **11.15** | REFRESHMENTS |

CLOSING PLENARY SESSION

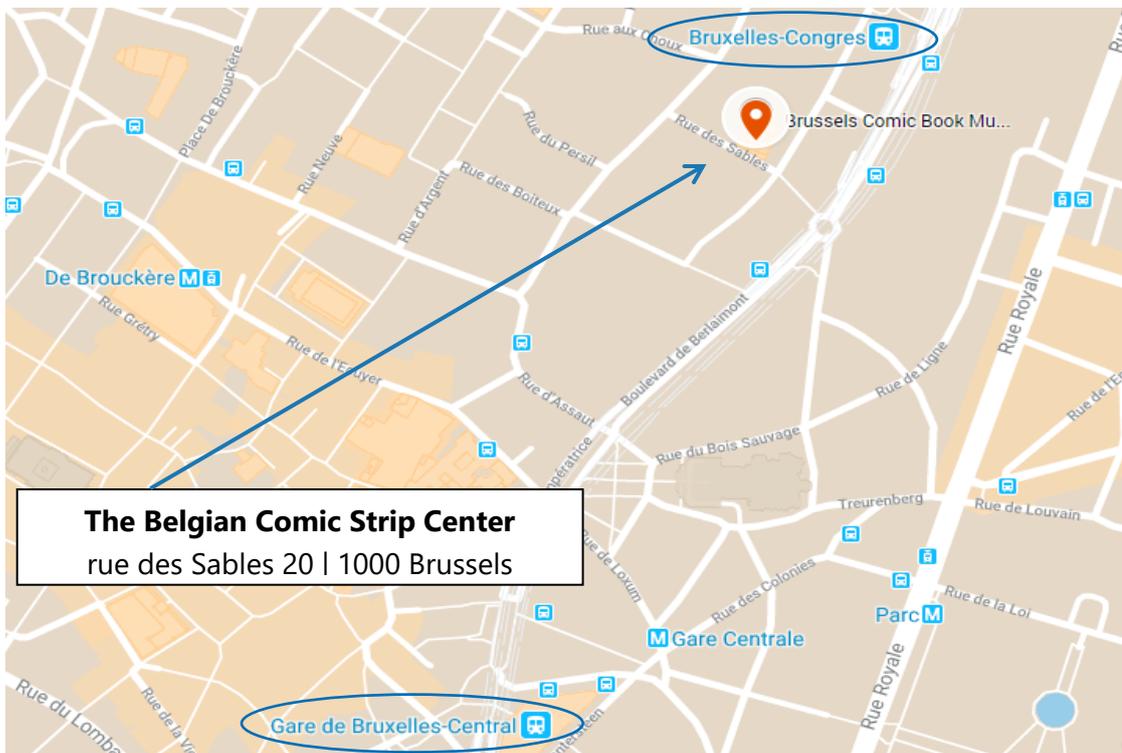| **11.45** | **WHO'S THE ACTION HERO IN VISION ZERO?**
Details to be announced soon |
| **13.15** | LUNCH |
| **14.15** | SITE VISITS – DETAILS TO BE ANNOUNCED SOON |

Conference venue:

The Egg | Rue Bara 175 | 1070 Brussels

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Station "Bruxelles Midi/Brussel-Zuid"
international and national trains, metro and buses

Dinner venue:

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

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