

CITIES AND REGIONS NETWORKING FOR INNOVATIVE TRANSPORT SOLUTIONS

2017 Polis Conference

6 and 7 December, Brussels, Belgium The Egg | Rue Bara 175 | 1070 Brussels

DRAFT CONFERENCE PROGRAMME

Innovation in Transport for Sustainable Cities and Regions

www.polisnetwork.eu/2017conference The Polis Conference on Twitter: <u>#polis17</u>



The annual event of the leading European network of cities and regions on transport innovation

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



AGENDA OVERVIEW

ay	9.00-13.00	SIDE EVENT: Public-Private Stakeholder Dialogue on urban vehicle access regulations (Polis members only, other stakeholders upon invitation only)								
Tuesday 5/12	14.00-17.00	Polis Annual General Assembly (AGA) Polis Political Group Site Visit, hosted by Brussels Minister for Mobility Pascal Smet (Polis members only)								
	19.00	AGA and Political Group Dinner (Polis members only)								
	8.30	Registration and Welcome Coffee								
				Parallel	Sessions I:					
	9.30	1A. Towards a better integration of transport systems & services	1B. Road safety strategy	1C. New develop- ments in urban parking	1D. Clean PT systems & services	1E. Urban design and mobility	1F. Visions & Policies	1G. Smart cities		
	11.00			Refreshments	(exhibition (area)				
	11.30	Opening Plenary Session:								
		Combat & Curb? Regulating access to city centres								
la)	13.00	Lunch (<i>exhibition area</i>) + Meet the exhibitors								
ssc 12		Polis Political Group lunch (upon invitation) Parallel Sessions II:								
Wednesday 06/12	14.30	2A. Network Management policy and implementati on	2B. Integrating health into transport policy and planning	2C. Public transport in the 21st century	2D. Imp	ing ling res	ata at ervice of sport orities	2F. The future of urban logistics		
	16.00	Refreshments (exhibition area) + Info session: Get to know Polis and join								
		Parallel Sessions III:								
	16.30-18.00	3A. How to approach new traffic technology and changing roles	3B. Safety for VRUs	3C. New develop- ments in bikesharing	3D. Enhanc electr mobili	o- 3E. S	UMPs	3F. Moving goods		
	19.30 Conference Dinn									
	22.00	Polis After-Party								

	8.30		Welcome Coffee						
		Parallel Sessions IV:							
Thursday 07/12	9.00	4A. Automation in cities and regions	4B. Shared mobility services	4C. Metropo- litan areas	4D. Air quality	4E. Travel behaviour	4F. Smart City mobility transitions		
	11.15	Refreshments (exhibition area)							
	11.45	Closing Plenary Session: Who'll take the chair? The changing role of the local authority in transport service provision							
	13.15	Lunch (exhibition area)							
	14.15-17.30	S	ite Visits	n	ITF-Polis workshop: From Safety Data to Safer City Streets (to be continued on Friday 8/12)				

- Environment and health in transport
 Road safety and security
 Horizontal topics

Mobility and traffic efficiencySocial and economic challenges of transport

WEDNESDAY, 6 DECEMBER



1D. CLEAN PUBLIC TRANSPORT SYSTEMS & SERVICES

- From project to policies ELIPTIC and electric public transport business cases Wolfgang Backhaus, Rupprecht Consult GmbH
- Fuel cell buses a flexible, zero emission transport solution Sabrine Skiker, Hydrogen Europe
- Dundee's electric taxi revolution Fraser Crichton, Dundee City Council
- Towards the electrification of public transport via public-private partnerships the example of Luxembourg

Marcin Seredynski, e-Bus Competence Centre

1E. URBAN DESIGN AND MOBILITY

Chair: Ross Douglas, Autonomy

- Pedestrians, cyclists and car drivers living together (safely) in Shared Space Pieter de Haan, Knowledge Center Shared Space NHL-University of Applied Sciences
- Pedestrianising Brussels' city-centre Sofie Vermeulen, Vrije Universiteit Brussels – MOBI
- Your smartphone is the key to the urban micro mobility Thierry Goor, Wemoov/ Topos
- Shaping Urban Mobility, Together. First Results from the Pilot Project Neue Mobilitaet Berlin Frank Hansen, BMW Group & Johanna Reinhardt, Emo Berlin

1F. VISIONS & POLICIES: PANEL DISCUSSION

Chair: Oliver Lah, Wuppertal Institute

- Global action towards sustainable urban mobility Delivering on UN agreements Mark Major, SLoCaT
- Mobility package: what it means for cities and regions Axel Volkery, European Commission, DG MOVE
- The Urban Agenda for the EU Partnership Urban Mobility Dr.-Ing. Matthias Pfriem, City of Karlsruhe
- Mobility4EU Action Plan for the Future of Mobility in Europe Gereon Meyer, VDI/VDE Innovation und Technik GmbH

1G. MEETUP SESSION WITH 6 SUSTAINABLE MOBILITY ACTIONS OF THE EU SMART CITIES INNOVATION PARTNERSHIP – OPEN MARKETPLACE

- EU support for deployment of smart urban mobility solutions European Commission DG MOVE
- Marketplace and support offered by the European Innovation Partnership in Smart cities and Communities

EIP SCC marketplace

- Alternative Fuels Special Vehicles (AFSV) (low-emission road sweepers etc) Aebi-Schmidt
- Intelligent Mobility For Energy Transition (IMET) development of sustainable energy models through e-mobility solutions Nissan
- Urban Air Mobility (UAM) Airbus
- E-Vehicles for Smart Cities and Communities (EV4SCC) Urban Foresight



	New Mobility Services (NMS) Province of Noord-Brabant/ Brabantstad						
	Presenting the new EC service that offers technical and financial advisory support for up sustainable urban mobility projects JIIP-EU						
	7	How to go from Lighthouse project to replication and scale Experiences of the EU's Growsmarter Smart Cities Lighthouse project					
11.00	Ref	Refreshments					
		ENING PLENARY SESSION mbat & Curb? Regulating access to city centres					
	We	Icome address:					
	 Pex Langenberg, Polis President, Vice-Mayor of Rotterdam Karen Vancluysen, Secretary General, Polis 						
	Opening speech:						
		Commissioner Violeta Bulc, European Commissioner for Transport					
	Keynote Speech:						
11.30		Professor Peter Jones, University College London: "Regulating access to city centres: The key to delivering future visions of city life"					
	Panel debate:						
	Мо	Moderator: Mark Major, SLoCaT					
		 Professor Peter Jones, University College London Isabelle Vandoorne, Deputy-Head of Unit Sustainable and Intelligent Transport, DG MOVE, European Commission 					
		 Lilli Matson, Director of Transport Strategy, Transport for London Shahbaz Khan, Political Secretary to Deputy Mayor for Transport, City of Gothenburg Erik Jonnaert, Executive Director, ACEA 					
		Peter Harris, Director of Sustainability, UPS Europe					
13.00		Lunch & Polis Political Group lunch meeting (upon invitation) Meet the exhibitors					
	2A.	NETWORK MANAGEMENT POLICY AND IMPLEMENTATION					
14.30 – 16.00	Chair: Mark Cartwright, Centaur Consulting						
	Integrated Network Management: Proof of concept and first implementation Peter Jan Kleevens, City of Utrecht						
	7	Integrating ITS in urban transport planning: The Rome approach Fabio Nussio, Rome Mobility Agency					
	7	Managing loading zones in city centres: Using ITS for space optimisation Estibaliz Barañano, Kapsch TrafficCom					
	7	Bridging today's road managers' needs to tomorrow's autonomous vehicle deployment with V2X Guillaume Grolleau, Lacroix City					

	2 B	. INTEGRATING HEALTH INTO TRANSPORT POLICY AND PLANNING
	Cha	air: Reindert Augustijn, Province of Gelderland
	7	Bridging the gap between research and practice Katherina Grafl, German Environment Agency
	7	Make way for active transport: Opportunities to change travel behaviour Brigit Staatsen, RIVM-Dutch National Institute for Public Health and the Environment
	7	Cycling Plan in Ile-de-France Region Christian Gioria, Ile-de-France Mobilités
	7	Health impact assessment of cycling network expansions in European cities Natalie Mueller, ISGlobal
	20	
		PUBLIC TRANSPORT IN THE 21ST CENTURY
14.30 – 16.00	2	Improving energy efficiency and attractiveness of urban buses: The EBSF_2 project Pontus Wallgren, Chalmers University of Technology
PARALLEL SESSIONS	7	Innovative infrastructure in Greater Manchester: Challenges and successes Jon Lamonte, CEO, Transport for Greater Manchester
	7	LINEO, a new bus service to link up territories faster and over a greater distance Alexandre Blaquière, Tisséo Toulouse
2	7	Cable cars as a new dimension to sustainable urban mobility Wolfram Auer, Doppelmayer
		. NEW WAYS TO ASSESS THE IMPACT OF WALKING AND CYCLING
	Cha	air: Rita Cyganski, DLR
	7	Increase walking and cycling. Decrease congestion. Bonnie Fenton, Rupprecht Consult
	7	How including walking and cycling in transport models changed Dublin's transport investments Christopher Manzira, Dublin City Council
	7	New ways to improve cycling in your city Marlous Schrooten, City of Utrecht
	7	Identifying the most effective measures for walking and cycling: How the ISAAC tool helps Aslak Fyhri, Institute of Transport Economics
	7	Geography as melting pot for cross-domain bicycling research and promotion Martin Loidl, University of Salzburg
	2E.	DATA AT THE SERVICE OF TRANSPORT AUTHORITIES
	Cha	air: Stephanie Leonard, DG MOVE, European Commission
	7	IKAAS: Intelligent knowledge-as-a-service platform Sergio Fernández Balaguer, EMT Madrid
	7	Open, closed, the role of Travelspirit! Giles Bailey, Travelspirit Foundation
	7	How open data can push towards sustainable mobility: the Transmob experience Freya De Muynck, Traject Mobility Management
	7	Ping if you care! Elke Bossaert, Mobiel 21 & Adi Hirzer, Bike Citizens

	2F. LET'S TALK ABOUT THE FUTURE OF URBAN LOGISTICS NOVELOG special session co-organised in the form of open debate by CERTH-HIT and IRU Projects Panel debate:
	 Chair: Georgia Ayfantopoulou, CERTH/HIT Peter Harris, UPS Europe Nik Delmeire, European Shippers Council (ESC) Nicolette van der Jagt, European Association for Forwarding, Transport, Logistics and Customs Services (CLECAT) Thierry Grumiaux, FNTR, Fédération Nationale des Transports Routiers (FNTR) Lina Konstantinopoulou, ERTICO ITS Veerle De Meyer, City of Mechelen
16.00	Refreshments INFO SESSION: Get to know Polis and join!
	 3A. HOW TO APPROACH NEW TRAFFIC TECHNOLOGY AND CHANGING ROLES Chair: Marshall Poulton, Newcastle City Council Key to smart everything is cooperation Astrid Weij, Province of Utrecht Birmingham's experience of giving speed advice with adaptive traffic control Steve George, Birmingham City Council C-ITS for European cities: The CIMEC Roadmap Mark Cartwright, Centaur Consulting Innovative procurement of traffic management solutions – urban practices Carl Stolz, DTV Consultants
16.30 - 18.00 PARALLEL SESSIONS	 3B. TOOLS TO INCREASE THE SAFETY OF VULNERABLE ROAD USERS Chair: Prof. George Yannis, University of Athens Reduce speeding in 30 km-zones by enhancing intrinsic motivation, a neighbourhood approach Hans Voerknecht, CE Delft & Wilma Slinger, CROW Raising the bar – road safety training Liz Brooker, London Borough of Lewisham The Schulterblick-concept: Promoting child-friendly mobility through cycling courses in city traffic Robert Fuchs, Schulterblick - Die Wiener Radfahrschule & Marlene Mellauner, University of natural resources and life sciences, Vienna Demonstration: The Safety Cube Decision support system for authorities Konstandinos Diamandouros, European Road Federation
	 SC. NEW DEVELOPMENTS IN BIKESHARING – panel discussion Chair: Alistair Kirkbride, BikePlus How the Madrid bikesharing scheme is changing the city: Experiences and future steps Sergio Fernández Balaguer, EMT Madrid Public Transport Company Introducing the 5th generation of bike sharing: Challenges and opportunities for cities Kristian Brink, Nextbike A scheme for Flanders' main cities free floating bikes Sven Huysmans, The New Drive

	3D. ENHANCING ELECTROMOBILITY
	Chair: Patrick Mercier-Handisyde, DG Research and Innovation, European Commission
	Experiences from setting up public charging facilities for electric vehicles in Stockholm Eva Sunnerstedt, City of Stockholm
	Green Highway - The road to Zero Florian Stamm, Green Highway
	Urban – Mobile – Pioneering: The city of Offenbach and its electric mobility service Janine Mielzarek, Regionale Leitstelle der Modellregion Elektromobilität Rhein-Main
	Agent-based model for the adoption and impact of electric vehicles in Dutch neighbourhoods Peter Hogeveen, EVConsult
	3E. SUMPS: DEVELOPMENT AND IMPLEMENTATION OF NEW PLANNING APPROACHES Chair: Susanne Boehler, Rupprecht consult
	 Good Move - the next regional mobility plan for the Brussels-Capital Region Jean-Rodolphe Dussart, Brussels Mobility & Xavier Tackoen, Smarteam Ghent's inner-city circulation plan: Aims and first results
	Frank Vanden Bulcke, City of Ghent
	Regional capacities and needs for SUMP enabling Katerina Chrysostomou, CERTH
	 Recommendations from key findings of the first Urban Mobility innovation index Karine Sbirrazzuoli, International Organisation of Public Transport UITP
	3F. MOVING GOODS IN THE GROWING CITY: PUBLIC & PRIVATE STRATEGIES
	Chair: Tanja Dalle-Münchmeyer, Crossriver partnership
	Freight, logistics and Sustainable Urban Mobility Plans in Greater Manchester
	 Helen Smith, Head of Logistics, Environment & Active Travel, TfGM Co-created solutions and innovative planning for sustainable and space-efficient freight transport
	in dense urban areas – a case study from Gothenburg
	Lina Olsson, CLOSER/Lindholmen Science Park & Malin Andersson, City of Gothenburg UPS: Sustainable Urban Logistics
	Peter Harris, UPS Europe
	Urban Logistics: A strategic plan for La Poste Group – the EVOL project in Grenoble Emmanuel Bonnaud, La Poste France
18.00	Close of day one
19.30	Conference Dinner Plaza Hotel, Boulevard Adolphe Max 118-126, 1000 Brussels
22.00	Polis After-Party Same location as the Conference Dinner

THURSDAY, 7 DECEMBER

8.30	Welcome Coffee						
	4A. AUTOMATION IN CITIES AND REGIONS						
	Cha	ir: Siegfried Rupprecht, Rupprecht Consult					
	7	Trial area automated vehicles Smart Mobility Schiphol Jeannet van Arum, Province North-Holland					
	7	Automated shuttles as a complement to the existing transport offer for an improved user mobility Mary Malicet, Tisséo Toulouse					
	7	Imagine - An innovative public transportation hub, the harsh realities of innovations Frank van Oorschot, Municipality of Cappelle aan den IJssel					
9.00 - 11.15	7	Why smart cities start with automating public transit applications to become Smart Cities (and all other developers should as well) Dennis Mica, 2getthere					
PARALLEL SESSIONS	7	Automated Vehicles in Europe – Cui bono? Jens S. Dangschat, TU Wien					
	7	Can cities stay attractive for pedestrians in a world where fully automated vehicles have transformed the urban transport system? Mark Meeder, ETH Zurich					
4	7	CAV-ready framework for cities Bernard Gyergyay, Rupprecht Consult					
	4B. SHARED MOBILITY SERVICES						
	Chair: Jörg Beckmann, Swiss Mobility Academy						
	7	SHARE NORTH: How cities, regions and operators can work together on shared mobility Angelo Meuleman, Taxistop					
	7	The Flanders Green Deal for Shared Mobility Jeffrey Matthijs, Autodelen.net					
	7	Bremen's action plan on carsharing Rebecca Karbaumer, City of Bremen					
	7	Spreading the red carpet for carsharing Friso Metz, Advier					
	7	DriveNow – flexible and sustainable mobility for urban areas Sebastian Hofelich, DriveNow GmbH & Co. KG					
	7	Ridesharing – What's the big deal? Gustav Friis, City of Aarhus					
	4C. INTEGRATED PLANNING OF INFRASTRUCTURE, SERVICES AND URBAN DEVELOPMENT IN METROPOLITAN AREAS						
	Cha	ir: Thierry Goger, FEHRL					
	7 7	Integrated planning of infrastructure and urban development Raymond Linssen, Rijkswaterstaat Beyond mobility - understanding and comparing urban accessibility in European cities					

Guy Hitchcock, Ricardo Energy & Environment

	7 7 7	Transport challenges in a growing global city - adopting a 'people first' approach to densification and liveable neighbourhoods in London Ben Kennedy, Director of Urban Mobility Solutions Public transport 2040: planning for Rotterdam as a vital, social, attractive and healthy city Bas Govers, Goudappel Coffeng Cable Car – a new type of public transport in Gothenburg Michelle Coldrey, City of Gothenburg			
	4D.	AIR QUALITY			
	Cha	iir: Ian Catlow, London			
9.00 -	7	Urban air quality estimates and projections made easy George Tsegas, Aristotle University of Thessaloniki			
11.15 PARALLEL	7	What is the extent of the contribution that walking and cycling can make to reducing harmful emissions? Andy Cope, Sustrans			
SESSIONS	7	London as an ultra low emissions vehicle capital – Go Ultra Low City Scheme Louise Clancy, London Councils			
	7	Amsterdam, a unique case: The first low emission zone for mopeds by 2018 Erik Regterschot, RoyalHaskoning DHV / City of Amsterdam			
4	7	Low Emission Zone (LEZ) in Brussels: focus on people and businesses affected + policy measures to mitigate negative socio-economic effects Sebastian Vanderlinden, TML & Jonathan Haynes, Traject & Sarah Hollander, Bruxelles- Environnement			
	7	Low Danger Zone: Improving road safety and air quality Pierre Courbe, Inter-Environnement Wallonie			
		UNDERSTANDING AND INFLUENCING TRAVEL BEHAVIOUR ha Kucha session			
	Chair: Marianne Weinreich, Weinreich Mobility / Danish Cycling Embassy				
	7	Is time saving the real reason for car use? A time perception analysis in a suburban environment Camila Gonzalez, Current Ecological			
	7	Multimodality in Dresden – A co-operative campaign Kerstin Burggraf, City of Dresden			
	7	Do it out of love! An award winning campaign on road safety in the German state of Baden- Württemberg Michael Adler & Robert Sedlak, Tippingpoints GmbH			
	R	Citizens and the future of mobility in Barcelona Marti Jofre, Fundació Creafutur			
	7	"Bella Mossa", a public-private partnership as basis for a successful behavioural change campaign Marco Amadori, SRM Reti e Mobilità Srl, Bologna			
	7	POSITIVE DRIVE, a gamified tracking and tracing tool to uncover mobility behaviour of employees in the Luxembourgish Cloche D'Or area Patrick van Egmond, LuxMobility			
	R	EMPOWER-rewarding change: From Living Lab to Large scale implementation of innovative services Marcel Meeuwissen, City of Enschede			

	 4F. SMART CITY MOBILITY TRANSITIONS – CHALLENGES, SOLUTIONS & LABS This interactive workshop is organised by the MEDICI ALLIANCE URBAN SOLUTIONS TEAM (RISE, SINTEF, TECNALIA, TNO, VTT) Chair: Jesus de la Quintana, The Medici Alliance Oslo's planned solutions for Urban Mobility transition City of Oslo Helsinki - living lab for future mobility Sami Sahala, City of Helsinki The Rotterdam Case City of Amsterdam TML Transition Mobility Labs for sustainable cities Jesus de la Quintana, The Medici Alliance WORKSHOP 				
11.15	Refreshments				
11.45	 CLOSING PLENARY SESSION: Who'll take the chair? The changing role of the local authority in transport service provision Keynote speech: Seleta Reynolds, General Manager Los Angeles Department of Transportation, President of NACTO, USA PANEL DEBATE Moderator: David Zipper, Fellow Urban and Regional Policy, The German Marshall Fund of the United States Seleta Reynolds, General Manager Los Angeles Department of Transportation, President of NACTO Pascal Smet, Minister of Mobility, Brussels Region David O'Neill, Head of Unit mobility services, Ile-de-France Mobilités Erdem Ovacik, CEO Donkey Republic Closing: Thinking Cities Award Ceremony Karen Vancluysen, Secretary General, Polis Hand-over of Polis Presidency from Pex Langenberg, Vice-Mayor of Rotterdam, to new President-Elect 				
13.15	Lunch				
14.15- 17.00	SITE VISITS (see next page)ITF-POLIS WORKSHOP "FROM SAFETY DATA TO SAFER CITY STREETS" (ROAD SAFETY)The workshop marks the 2 nd meeting of Safer City Streets and will start at the end of the Polis Conference at the conference venue. It will continue on 8/12, kindly hosted by the Belgian Road Safety Institute VIAS. Please register here or contact us for more information.				

SITE VISITS AGENDA

Thursday, 7/12, from 14.15 Site Visits

Departure: 14.15h. The meeting point for all site visits is at the registration desk of the conference venue.

#1 UPS DEPOT: SUSTAINABLE URBAN CONSOLIDATION

UPS[®] is a global leader in logistics, offering a broad range of solutions including the transportation of packages and freight, the facilitation of international trade, and the deployment of advanced technology to more efficiently manage the world of business.

During this tour, guided by the UPS local managers, you will visit the UPS Brussels depot and you will learn more about sustainable urban consolidation discussing with UPS representatives, the University of Brussels, the Chamber of Commerce, and city delegates.

Ending: 17.00h at Diegem Station (8 minutes by train to Brussels airport or 17/20 minutes by train to Brussels Central/Midi Station).

#2 CITY OF GHENT: NEW CIRCULATION PLAN

In spring 2017, Ghent introduced its much talked about circulation plan, banning through-traffic within the inner city. A number of 'cuts' were introduced to this end. This site visit consists of a cycling tour leaving from the Ghent St-Pieters station and leading participants through the inner city. Points of interest include the city's cycling infrastructure, parking management for cars and bikes, and the aforementioned circulation plan, also covering technical applications such as ANPR cameras, SMS parking, bike poles, and traffic guidance systems.

Participants will take the train to Ghent from the Brussels South (Midi) station (30 min train ride). In case of bad weather, the cycling tour will be replaced by a walking tour. Duration of bike tour: approx. 2h30min.

Ending: 17.30h at Gent St-Pieters station (approx. 1 h train ride to Brussels airport, 30 min to Brussels South station)





#3 PARKING MANAGEMENT IN BRUSSELS

Brussels is a city with 700.000 cars in motion in peak traffic and 265.000 on-street parking spaces. Cycle traffic has risen every year since 2008 and so has the demand for secure bike parking facilities. Parking management in Brussels is a continuous challenge. The regional parking agency parking.brussels wants to improve mobility through smooth parking practices for residents, professionals and visitors.

This site visit will take us to the agency's headquarters where in depth insight in the Brussels parking management approach will be provided. On our way to the parking agency, we will look at interesting parking practices.

 Participants will walk to the parking agency from THE EGG, the visit will end around 16:30 at Rue de l'Hôpital 31, 1000 Brussels, 400m from Brussels Central station

#4 TRAIN WORLD

Train World is a railway museum which makes you discover the railway world of yesterday, today and tomorrow. It combines the fascinating story of the train throughout the centuries with a look into the future. Train World shows beautiful and unique pieces from the history of the Belgian railways and illustrates the important role of the train in mobility.

The site visit consists of a 2-hour guided tour in English which will take you along the major works of the museum. Participants will go to Train World by train from the Brussels South (Midi) station.

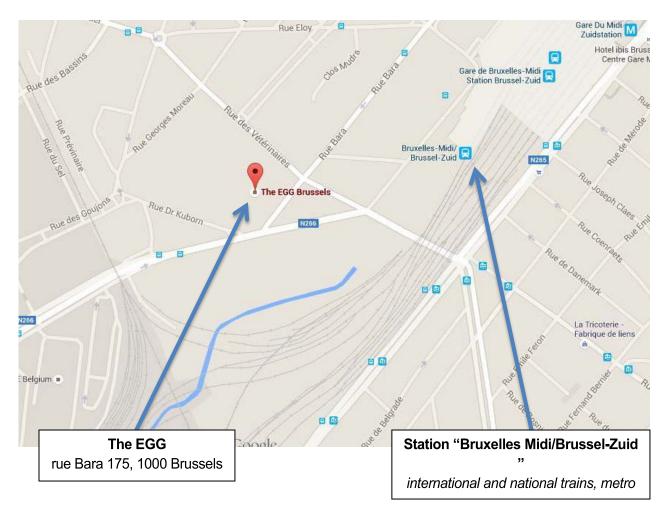
Ending: 17.00h at Brussels Schaerbeek station



PRACTICAL DETAILS

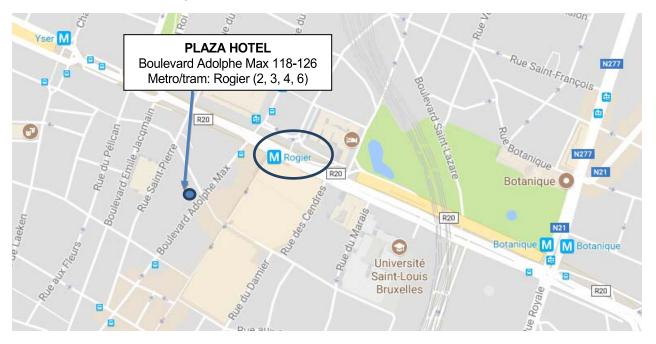
Conference venue:

The Egg | Rue Bara 175, 1070 Brussels



Dinner venue:

Plaza Hotel, Boulevard Adolphe Max 118-126





STAY IN TOUCH!

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SUSTAINABLE MOBILITY THINKING CITIES REGIONS EXCHANGE INNOVATION PROJECTS POLICY MEMBERS