



CITIES AND REGIONS NETWORKING
FOR INNOVATIVE TRANSPORT SOLUTIONS

2016 Polis Conference

1-2 December, Rotterdam, The Netherlands

Conference Programme

Innovation in Transport for Sustainable Cities and Regions

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City of Rotterdam

2016 ANNUAL POLIS CONFERENCE
1-2 December 2016, Rotterdam
Innovation in Transport for Sustainable Cities and Regions

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

AGENDA OVERVIEW

Wed 30/11	9.00-13.00	Polis Working Group meeting on Urban Freight (Polis members only)			
	14.00-17.00	Polis Annual General Assembly (AGA) Polis Political Group Site Visit, hosted by vice-mayor Pex Langenberg Polis members only			
	19.00	AGA and Political Group Dinner (Polis members only)			
Thursday 1/12	8.30	Registration and Welcome Coffee			
	9.30	Parallel Sessions I:			
		1A. Smart Cities	1B. Safety data collection and benchmarking	1C. New developments in urban parking	1D. Visions
	11.00	Refreshments (<i>exhibition area</i>)			
	11.30	Opening Plenary Session			
	13.00	Lunch (<i>exhibition area</i>) + Meet the exhibitors			
		Polis Political Group lunch (upon invitation)			
	14.30	Parallel Sessions II:			
		2A. Integrated transport	2B. Talking cycling and walking	2C. Urban mobility in transition	2D. Assessment and decision support tools
	16.00	Refreshments (<i>exhibition area</i>)			
16.30-18.00	Parallel Sessions III:				
	3A. The role of data, apps and social media in transport	3B. Promoting active travel while enhancing road safety	3C. How to manage large scale infrastructures	3D. Electric city logistics	
19.30	Conference Dinner & Thinking Cities Award				
Friday 2/12	8.30	Welcome Coffee			
	9.00	Parallel Sessions IV:			
		4A. Innovation in traffic management and ITS	4B. Shared mobility services	4C. PT in the 21st Century	4D. Clean fuels and vehicles
	11.15	Refreshments (<i>exhibition area</i>)			
	11.45	Closing Plenary Session			
	13.15	Lunch (<i>exhibition area</i>)			
	14.15-17.30	Site Visits:			
1. City Bicycle tour: SUMP and architecture		2. Where port and city meet: M4H, RDM and Heijplaat	3. Parking: Strategy and award winner	4. Automation: Imagine!	

-  Environment and health
-  Mobility and traffic efficiency
-  Horizontal topics
-  Road safety and security
-  Social and economic challenges of transport

8.30 Registration and Welcome Coffee

9.30 –
11.00

PARALLEL
SESSIONS

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1A. SMART CITIES

-  **Cologne’s smart mobility approach in the Growsmarter Lighthouse project**
Julia Egenolf, City of Cologne
-  **Smart mobility solutions developed by the MoveUs project**
Sergio Fernández Balaguer, EMT Madrid
-  **Copenhagen - Intelligent traffic solutions for a green, smart and carbon neutral city**
Paul van Koningsbruggen, Technolution
-  **Government and market: Innovative cooperation for mobility happiness**
Hans Stevens, De Verkeersonderneming

1B. SAFETY DATA COLLECTION AND BENCHMARKING

-  **Road safety benchmarking in Dutch municipalities: Framework and lessons learned**
Charlotte Bax, SWOV
-  **Development of a network safety index: Risk assessment without accident data**
Eric de Kievit, City of Amsterdam
-  **Spatial information on bicycle crash risk for evidence-based interventions on the city scale**
Martin Loidl, University of Salzburg
-  **Evidence-based and data driven cycling infrastructure improvements. How multimodal traffic count data and video help to build bike and pedestrian friendly cities**
Timo Hoffmann, Miovision

1C. NEW DEVELOPMENTS IN URBAN PARKING

-  **Beacons: Just a hype or a profitable marketing tool?**
Stefan Koch, Designa
-  **Blurring on-street and off-street parking to optimise the urban environment**
Peter Martens, EPA and Q-Park
-  **Mobility for impaired users: From parking to multimodal transport in cities**
Alberto Ferreras, Instituto Biomecanica de Valencia
-  **Better tendering for parking**
Frans Bekhuis, CROW



1D. VISIONS – panel discussion, inspired by:

-  **Funding the Big Projects – Are we missing the Big Picture?**
Michael Aherne, Ireland National Transport Authority
-  **Transport without transport planning**
Andrew Nash, Greencitystreets.com

1E. CITYLAB (UPON INVITATION)

11.00 Refreshments | EXHIBITION AREA

11.30

OPENING PLENARY SESSION

The air we breathe: How to tackle the air quality challenge?

13.00

Lunch & Polis Political Group Lunch (upon invitation) | EXHIBITION AREA
Meet the exhibitors

14.30 –
16.00

PARALLEL
SESSIONS

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2A. INTEGRATED TRANSPORT

- **Reading's new 'EasyGo' multimodal hubs and Smartcard**
Marian Marsh, Reading Borough Council
- **Developing « Mobility as a Service » in the West Midlands**
Adam Harrison, TfWM
- **MaaS – Putting the concept back on track**
Sami Sahali, Forum Virium Helsinki
- **EC2B: Mobility as a service as part of your community**
Emeli Adell, Trivektor Traffic

2B. TALKING CYCLING AND WALKING – pecha kucha session

- **What can the range of pedal-assisted e-bikes mean for sustainable mobility & traffic safety?**
Anna Clark, Trivektor
- **BiTiBi: Connecting Bicycles and Trains in Europe for a more efficient transport system**
Clotilde Imbert, Copenhagenize
- **Building a complete cycling policy from scratch: The city of La Louvière (BE)**
Etienne Doyen, Traject
- **Fietsen op Zuid: Promoting cycling on Rotterdam's South Bank as a means for socioeconomic development**
Jorn Wemmenhove, Fietsen op Zuid
- **Brazilian society and municipalities together for the inclusion of bicycles in urban mobility plans**
JP Amaral, Bike Anjo
- **Walk this way! Lisbon's Pedestrian Accessibility Plan**
Pedro Gouveia, City of Lisbon

2C. URBAN MOBILITY IN TRANSITION

- **Integrated infrastructure planning in Europe: Key to attractive and competitive urban regions**
Raymond Linssen, Rijkswaterstaat
- **Improving local transport planning processes and developing quality sustainable urban mobility plans**
Miriam Lindenau, Rupprecht Consult
- **Transition management to foster fundamental change – mobility arena in Rotterdam**
Chris Roorda, Erasmus University
- **The process of creating liveable streets with low-key improvements**
Wolfgang Aichinger, Consultant

2D. ASSESSMENT AND DECISION SUPPORT TOOLS – panel discussion, inspired by:

- 📌 Bike Life - Bicycle accounts for seven UK cities: The challenges and benefits of multi-city collaboration**
Andy Cope, Sustrans
- 📌 The use of HEAT in a modern cycling city**
Hadrien Bedok, Nantes Metropole
- 📌 Using GPS data from the European Cycling Challenge in support of Lille's cycling policy**
Benoit Wiatrak, Lille Metropole
- 📌 The TIDE impact assessment methodology. Combining CBA and MCA effectively**
Hanna Huging, Wuppertal Institute
- 📌 Assessing sustainable urban transport policies with URM2030 web-based tool**
Angelo Martino, TRT

2E. CITYLAB (UPON INVITATION)

16.00

Refreshments | EXHIBITION AREA

16.30-
18.00

PARALLEL
SESSIONS

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3A. THE ROLE OF DATA, APPS AND SOCIAL MEDIA IN TRANSPORT

- 📌 Promoting the use of sustainable transport modes through non-financial incentives**
Ayelet Galtzur, Technion
- 📌 Shaping the future of mobility**
Reinhard Birke, Upstream next level mobility
- 📌 Smart Cities: The city as an accelerator of innovation**
Clare Cornes, Transport for Greater Manchester
- 📌 Process and quality indicators for delivery of public data**
Jaap Vreeswijk, Map Traffic Management

3B. PROMOTING ACTIVE TRAVEL WHILE ENHANCING ROAD SAFETY

- 📌 Shaken or stirred? Design philosophies of old and new cycling countries**
Marjolein de Jong, LigPart (the Netherlands) and Urs Walter, Federal Roads Office Switzerland
- 📌 Bikes and heavy vehicles: Pay attention to blind spots!**
Mauro Borioni, SRM Bologna
- 📌 Safer Trucks - Improving vulnerable road users' safety through better vehicle design, training and purchasing conditions**
Paul Glover, Transport for London
- 📌 Seeing the world from children's eyes: Eyetracking used as a method to investigate the cognition of children on their way to school**
Volker Alberts, Austriatech

3C. HOW TO MANAGE LARGE SCALE INFRASTRUCTURES – panel discussion, inspired by:

- ✦ **Transportation infrastructure robustness: Analysis and measurement**
Joseph Berechman, City College of New York
- ✦ **The benefits of innovative technologies and financing for urban rail projects**
Philippe Citroën, UNIFE
- ✦ **Improving the efficiency of the transport system in urban nodes of the TEN-T network**
Susanne Böhler-Baedeker, Rupprecht Consult
- ✦ **City of Göteborg and the West-Sweden Package**
TBC, City of Göteborg
- ✦ **Brussels Capital Region : Infrastructure challenges**
TBC, Brussels Capital Region
- ✦ **Infrastructure planning within Toulouse's SUMP**
Alexandre Blaquièrre, SMTC Tisséo (tbc)

3D. ELECTRIC CITY LOGISTICS: FROM DEMONSTRATIONS TO SUCCESSFUL BUSINESS MODELS

- ✦ **How to cope with challenges in integrating electric vehicles into city logistics: What can we learn from FREVUE?**
Hans Quak, TNO
- ✦ **LoCITY – Reducing Emissions from commercial vehicles in London**
Tim Ward, Transport for London
- ✦ **Stadsleveransen, a success story on urban freight logistics**
Michelle Coldrey, City of Gothenburg
- ✦ **Business models for light electric vehicles in city logistics**
Walter Ploos van Amstel, Hogeschool van Amsterdam



18.00 Close of day one

19.30 **Conference Dinner with presentation of Thinking Cities Award**
World Trade Centre Rotterdam, Beursplein 37, 3011 AA Rotterdam

8.30







Welcome Coffee

9.00-
11.15

PARALLEL
SESSIONS

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4A. INNOVATION IN TRAFFIC MANAGEMENT AND ITS

-  **Emissions-based traffic management in Stuttgart - 2MOVE2 project**
Gisa Gaietto, City of Stuttgart
-  **Adaptive traffic management and C-ITS challenges in Rotterdam**
Michel Mostert, City of Rotterdam
-  **From stand-alone ITS to connected ITS - What does it mean for cities and regions?**
CIMEC & CODECS
-  **C-ITS use in cities: What are the areas and which applications are the next ones interesting for smart mobility in cities?**
Alexander Froetscher, Austriatech
-  **Implementing traffic light assistance in Trondheim**
Orjan Tveit, NPRA
-  **Smart mobility services supporting sustainable urban network management policies**
Nuno Rodrigues, Dynniq BV & Gert Blom, City of Helmond

4B. SHARED MOBILITY SERVICES

-  **Why every SUMP needs a shared mobility action plan**
Angelo Meuleman, Taxistop
-  **Bike sharing and public transport: Paving the way for future urban mobility**
Sebastian Schlebusch, Nextbike
-  **Bike sharing is a living creature**
Marco Bertini, Pisamo
-  **Carvelo2go: eCargobike-sharing in Switzerland**
Jörg Beckmann, Swiss Mobility Academy
-  **Going Dutch: A new momentum for carsharing**
Friso Metz, Advier
-  **Introducing shared electric car fleets: Two case studies from the eBRIDGE project**
Dimitrios Xenias, Cardiff University

9.00-
11.15h

PARALLEL
SESSIONS

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4C. PUBLIC TRANSPORT IN THE 21ST CENTURY

-  **Solutions for cleaner, innovative and attractive bus fleets: EBSF_2, ZeEUS and ELIPTIC**
Yannick Bousse, UITP
-  **The role of public transport in the Strategic Sustainable Mobility Plan of the Madrid Region, Vision 2025**
Natalia Sobrino, CRTM
-  **Innovative predictive maintenance solutions for bus fleet operators**
Guido di Pasquale, PluService Srl
-  **Innovative solutions to make public transport attractive to the citizens of Kocaeli**
Abdulmutalip Demirel, Kocaeli Metropolitan Municipality
-  **The difference between automated cars and automated public transit**
Robbert Lohmann, 2getthere
-  **ElectriCity experiences from one year of electric and hybrid buses on line 55 in the centre of Gothenburg**
Malin Andersson, City of Gothenburg
-  **CIPTEC : Collective innovations for public transport in European cities**
Frank Bouma, Mobycon

4D. CLEAN FUELS AND VEHICLES: BUILDING THE PATH TOWARDS ZERO EMISSIONS MOBILITY

-  **Rotterdam's Fuel Vision**
Lutske Lindeman, City of Rotterdam
-  **Greater Manchester's electric vehicles network**
Rafael Cuesta, Transport for Greater Manchester
-  **How does the Ile-de-France Region face the new e-mobility challenges?**
Françoise Guaspare, Ile-de-France Europe
-  **Establishing the transferability of best practice incentives in EV policy across EU Borders**
Rob Kroon, FIER Automotive
-  **Transportation electrification in Quebec to fight climate change**
Michel Audet, Government of Québec
-  **Smart charging of electric vehicles**
Geert Wijnen, EV Consult

- 4E. LONG TERM EFFECTS OF NEW TECHNOLOGIES AND LIFESTYLES ON PARKING – panel discussion**
Speakers to be confirmed



11.15 Refreshments | EXHIBITION AREA

11.45 **CLOSING PLENARY SESSION**
Automation in Cities: Opportunity or Threat? Hype or Holy Grail?

13.15 Lunch (Exhibition Area)

14.15 SITE VISITS

Friday, 14.15-17.30 Site Visits

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

1. CITY BICYCLE TOUR: SUMP AND ARCHITECTURE

Rotterdam is the Gateway to Europe, a port city with unprecedented opportunities as well as challenges. The Rotterdam Administration is working towards an innovative, green and accessible city. A strong economy, healthy citizens and an attractive residential and living environment are the main goals and form the underlying principles to Rotterdam's Sustainable Urban Mobility Plan. Rotterdam is also a trailblazer as far as architecture is concerned. The city is internationally known for its daring modern buildings.

In this visit you will learn and see more about the Rotterdam Sustainable Urban Mobility Plan and pass by some of the city's architectural highlights.



2. WHERE PORT AND CITY MEET: M4H, RDM AND HEIJPLAAT

In cooperation with private companies, the City and the Port Authority are creating special, innovative living and working areas in Stadhavens Rotterdam in the coming 20 to 40 years, thus reinforcing the economic structure of both the city and the port.

The visit will show you the highlights of this neighbourhood and its transformation, as well as address the related urban mobility challenges. M4H, once one of the world's largest ports for the fruit trade, is now turning into a modern and innovative working area and, over time, into an attractive residential neighbourhood. RDM campus, now part of Rotterdam's Innovation District, is the innovation showcase of the port area, where applied science is visualised in an attractive way. Heijplaat, founded in 1914 as a garden village residency for the RDM shipyards employees, will transform into a climate neutral residential area.



3. PARKING: STRATEGY AND AWARDWINNER

Learn more about Rotterdam's parking strategy, including a visit to the Kruisplein parking and the EPA award winning Markthal parking.



4. AUTOMATION: IMAGINE!

At Kralingse Zoom in Rotterdam, the only automated system operating at grade and containing at grade intersections with other traffic is operational (since 1999 and the 2nd generation since 2006). The system is still unique today, as all other autonomous vehicles now still feature an attendant. Can you imagine that this type of systems operational at Rivium can actually be extended and operate on even less-segregated roads?



PRACTICAL DETAILS

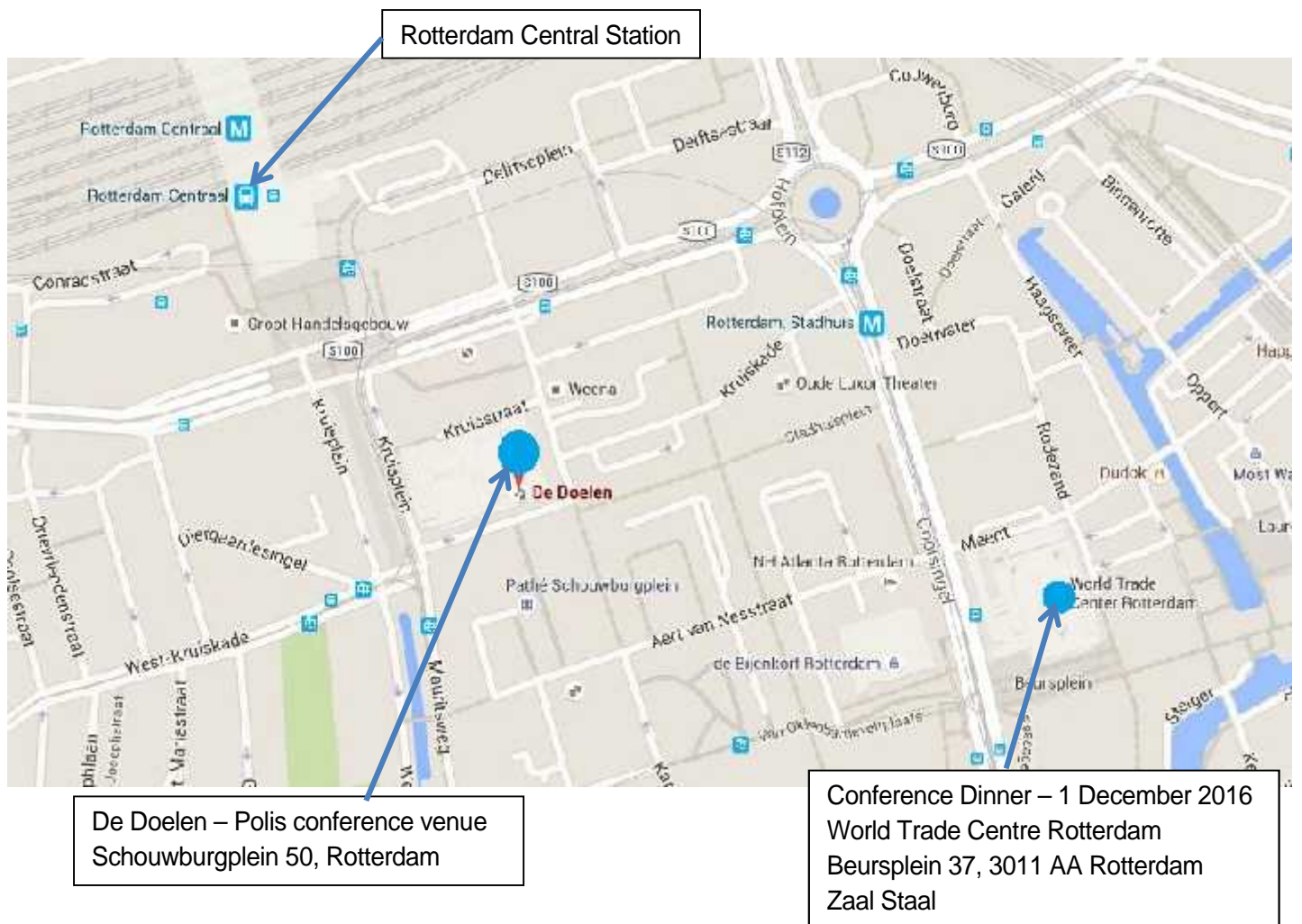
Conference venue:

De Doelen - Schouwburgplein 50, Rotterdam

Conference dinner, 1 December 2016, 19.30:

World Trade Centre Rotterdam – Beursplein 37, 3011 AA Rotterdam

Please find detailed travel and accommodation information in the practical information guide on www.polisnetwork.eu/2016conference





STAY IN TOUCH!

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NETWORK SUSTAINABLE MOBILITY
THINKING CITIES REGIONS
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INNOVATION PROJECTS
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