2012 Annual Polis Conference

Innovation in Transport for Sustainable Cities and Regions

Perugia, 29-30 November 2012

Draft Programme

Wednesday, 28 November 2012

9:30–15:30: TIDE Workshop

Workshop on the selection of innovative concepts in urban mobility, and info point on the upcoming call for TIDE champion cities

The Workshop takes place in the conference venue: Palazzo dei Priori, Corso Vannucci, Perugia, Italy

Conference Venue

The conference's main venue is **Palazzo dei Priori**, Corso Vannucci, in the historic centre of Perugia, Italy.

Exhibition Area

There will be an exhibition area at the conference venue, with stands presenting ICT in electromobility, European initiatives on urban transport and innovative technical solutions. To book a booth, please contact Sylvain Haon (shaon@polisnetwork.eu).

More information

This is a draft version of the programme and subject to changes. For updates, please visit:
http://www.polisnetwork.eu/publicevents/107/61/Annual-Polis-Conference-2012/

Polis| Rue du Trone 98 | 1050 Brussels | Belgium | tel +32 (0)2 500 56 70
www.polisnetwork.eu | polis@polisnetwork.eu

Legend:

- Session on environment and health
- Session on road safety and security
- Session on horizontal topics
- Session on mobility and traffic efficiency
- Session on social and economic aspects

Wednesday, 28 November 2012

16.00–19.00: Polis members only: Polis Annual General Assembly (AGA)

20.00–22.00: Polis members only: Polis AGA Dinner

Thursday, 29 November 2012

8.30: Registration and welcome coffee

9.30: Parallel sessions 1

A: CityHush workshop: Acoustically green cities

Chair of the session: Karen Vancluysen, Polis

CityHush

- Traffic noise & annoyance: noise score rating and the effects of quiet facades and quiet areas,
  Erik Salomons, TNO

- Acoustically green city areas and Q-zones: the cases of Stockholm and Gothenburg,
  Clas Torehammar, Tyrens

- Low noise road surfaces in urban areas: hot spot detection and cost-benefit analysis,
  Dr.ir. Geert Desanghere, Akron nv

- Reducing noise levels and annoyance of powered two-wheelers in cities,
  André Fiebig, Head Acoustics

B: Pervasive technologies and tools for managing people movement

Chair of the session: Kevin Borras, Thinking Highways

- Social media in behaviourally orientated transport demand management - why, how and when? *Dr. Susan Grant-Muller, Institute for Transport Studies, University of Leeds*

- The social media revolution: harvesting the potential to achieve transport policy goals,
  Ayelet Gal-Tzur, Technion

- The MOVE platform: monitoring urban travel, *Sidharta Gautama, Ghent University*

C: Road safety and vulnerable road users

- SaMERU - Safer Mobility for Elderly Road Users, *Paul Mathieson and Adrian Dean, Southend Borough Council*
- AVENUE (Actions for Vulnerable, Elderly, Novice drivers and road Users in Europe – for traffic safety), *Evgenios Petoumenos, Road Safety Institute "Panos Mylonas"*
- SAFECYCLE: e-safety applications for safe cycling in Europe, *Antonino Tripodi, La Sapienza*

D: Financing transport

- Transport supports jobs, skills and social inclusion - raising the profile and priority of transport, *Alex Burrows, Centro - West Midlands Integrated Transport Authority*
- Planning and financing road infrastructure, *Barbara Schrover, North Brabant Province*
- Free public transport in Tallinn from 2013 onwards, *Tõnu Karu, Tallinn*
- Enhancing Public Transport Authorities in Europe, *Experiences of EPTA project cities, Dora Ramazotti, SRM Bologna and Chiara Bresciani, ALOT*

11.00: **Refreshments**

11.30: **Plenary Session**

12.30: **Lunch**

14.00: **Parallel sessions 2**

A: Reducing the impact of transport on air quality

- How to promote cleaner vehicle movements in your city or region: The ECOSTARS Fleet Recognition Scheme in Edinburgh (UK) and Ostrava (CZ*), Ann Connolly, The City of Edinburgh Council and Eva Gelova, CDV*
- Curbing air pollution in Paris: a comparative analysis of the "Low Emission Zones", *Satya Proag, City of Paris*
- Curbing emissions and energy consumption in the transport sector – how can we deal with it in Warsaw, *Stanislaw Jedlinski, City of Warsaw*
- ObsAIRve - An Air Quality Service for all European Citizens, *Ralf Willenbrock, T-Systems*

B: Tools to aid decision making on network management and ITS

Chair of the session: Marshall Poulton, City of Edinburgh Council (tbc)

- Presenting an ITS project to decision makers – the key performance indicators approach of the CONDUITS project, *Pierre Schmitz, Brussels Capital Region*
- A road safety decision support system for the municipality of Perugia, *Stefania Papa, Luca Persia, Perugia Municipality*
- Vehicle emission knowledge to improve air quality, *Arjan Eijk, TNO*
- Human factors and ITS: How to convince travellers to change behaviour; experiences from The Hague/Rotterdam ITS region, *Toine Molenschot, The Hague*

C: Road safety benchmarking and data collection

Chair of the session: Werner Dedobbeleer, Vlaamse Stichting Verkeerskunde

- Road safety from a work health and safety perspective, *Lucia Pennisi ANCI*
- Comparing areas to stimulate progress on road safety, *Letty Aarts, SWOV*
- Implementing the 2012/2020 Road Safety Action Plan in Rome, *Chiara Di Majo, Roma Servizi per la Mobilità – RSM*

D: Parking

Chair of the session: Laurence Bannerman, API

- High rise parking facilities: a solution for urban regeneration? *Julian Sastre, Foro Infrastructuras y Servicios*
- Charging of e-vehicles in public parking facilities, *Peter Martens, Q-Park*
- Dynamic parking pricing – supporting policy outcomes, *Richard Harris, Xerox Services*
- The digitalisation of parking – the parking management and control revolution, *Rick Warner, Denion Consulting Services*

15.30: **Refreshments**

16.00: Parallel sessions 3

A: The benefits of active travel

- Sensitivity Analysis to Estimate the Potential of Cycling to Reduce Emissions in Road Transport, *Rico Wittwer, Technische Universität Dresden*

- Cognitive effects may be linked to active transport and urban air pollution, *Luc Int Panis, VITO & University of Hasselt*

- Bike-sharing in Spain: an overview and recommendations, *Alberto Castro, Independent Consultant*

- Pedestrian and cycling services for sustainable mobility – infrastructure alone is not enough, *Terhi Luukkonen, Tuuli Rantalas, Tampere University of Technology*

B: Towards open systems for traffic management and information services

- Promoting Operational Standards and Specifications in Europe - POSSE:

    - The experiences, benefits and challenges of adopting UTMC
      Simon Beasley, Reading Borough Council

    - The experiences, benefits and challenges of adopting OCIT/OTS2
      Daniel Handke, city of Frankfurt

    - The POSSE project

- Data exchange for real-time passenger information, *Oliver Lefebvre, STIF*

- Mobility supervisor: integrated system for centralised mobility control and management and infomobility services, *Roberta Marinò, Swarco*

C: Managing freight movements in different urban contexts

Chair of the session: Alberto Preti, Institute for Transport Logistics

- The allocation of space to goods transport in urban areas, *Wanda Debauche, Belgian Road Research Centre*

- Commercial vehicles behaviour in sensitive urban contexts: a lesson from selected Italian cities*, Antonio Musso, Sapienza University of Rome, Dept of Civil Engineering*

- Innovative solutions for urban freight transport: demonstration and viability results, *Susanne Balm, TNO*

- Integrated Urban Freight Transport –A novel approach encouraging co-operation and better management for increasing energy efficiency and reducing CO_2: *the C-liege project, Paola Cossu, FIT Consulting*

D: ENERQI – promoting quality in public transport

Chair of the session: Laurie Pickup, Vectos

- The first BRT in Catalonia, a global vision, *Cristina Pou, Catalonia Region*
- What did our public transport customer really think about our quality? *Patrick van Egmond, DTV Consultants*
- Using customer's views to improve business processes and operations, *Koen de Broeck, De Lijn*
- Public transport and territorial cohesion, *Leonardo Naldini, Municipality of Perugia*

17.30: **Close of day one**

20.00: **Conference dinner**

Friday, 30 November 2012

9.00: Parallel sessions 4

A: Deployment of electric vehicles in city-regions

- ↗ eMobility strategy in Madrid, *Sergio Fernández Balaguer, Madrid City Council*
- ↗ Electric transport in Rotterdam, *Lutske Lindeman, Rotterdam Municipality*
- ↗ Green eMotion – defining the European framework for electromobility, *Giovanni Coppola, Enel*
- ↗ (I eTravel): Emilia-Romagna's challenge to promote electromobility at regional level, *Paolo Ferrecchi, Emilia-Romagna Region*
- ↗ Success factors towards the mass deployment of EVs: the case of Norway, *Francisco Carranza , Nissan*

B: The role of cooperative mobility in managing transport

Chair of the session: Alexander Froetscher, Austriatech

- ↗ Cooperative mobility in Frankfurt - simTD, *Daniel Handke, city of Frankfurt*
- ↗ Cooperative systems deployed to operational service (from the FREILOT project), *Gert Blom, city of Helmond*
- ↗ Changing scope and role of cooperative traffic management, *Jaap Vreeswijk, Peek Traffic*
- ↗ GOFER - a cooperative system for freight management and regulation, *Solveig Meland, SINTEF*

C: Tools for the design and operation of urban infrastructures and interchanges

Chair of the session: Patrick Mercier, DG RTD

- ↗ Birmingham City Centre Interchange and Birmingham Interconnect – an integrated public transport information and way-finding system for Birmingham City Centre, *Rafael Cuesta, CENTRO*
- ↗ Madrid transport interchanges, innovative and well maintained infrastructures, *Javier Aldecoa, Consorcio Regional Transportes Madrid*
- ↗ Building a new mobility hub in Nantes, *Sébastien Rabuel, Nantes Métropole*
- ↗ Synaptic and RoCK - A European vision for seamless mobility, *Goesta Weber, city of Eindhoven*

D: Sustainable Urban Mobility Planning

- SUMP process – What happens in Dresden, *Kerstin Burggraf, city of Dresden*
- Citizen & stakeholder involvement in the development & implementation of SUMP – tools, benefits and limitations, *Siegfried Rupprecht, Rupprecht Consult*
- Mobility governance in Madrid, and the role of public authorities in fostering Sustainable Urban Mobility Plans*, Paz Valiente, city of Madrid*
- Renewing Barcelona's Urban Mobility Plan: towards a new city model, Adrià Gomila, *City of Barcelona*

10.30: Refreshments break

11.00: Parallel sessions 5

A: Energy efficiency in public transport

- Toward clean and sustainable public transport buses, *Michel Bayings, TNO*
- "Businova" multi-hybrid bus, City of Toulouse, *François Barbier, Tisséo-SMTC/Toulouse and Vincent Lemaire, SAFRA*
- OSIRIS, a holistic approach for the reduction of energy consumption for urban rail systems, *Elena Montafia, ATM*
- Promoting electric public transport by modern trolleybus systems, *Wolfgang Backhaus, Rupprecht Consult*

B: ITS to support public transport and soft modes

Chair of the session: Dietrich Leihs, Kapsch

- VICOM: The commercial speed programme for public transport in the Brussels region, *Jan Schollaert, Brussels Region Ministry of Infrastructure and Transport*
- The effects of incentivisation of travel choices on habitual travel patterns among secondary school children in London, *P. Bernard Gyergyay, Rupprecht Consult*
- Multimodal, multiservice, multichannel payment and ticketing within ATTAC project, *Monica Giannini, Pluservice*
- The project Co-Cities - Cooperative mobility services in urban areas, *Axel Burkert, Co-Cities*

C: Integrated policies to promote daily cycling

Chair of the session: Patty Delanghe, city of Gent

- Cycling policy in Lille Métropole, *Thierry du Crest, Lille Métropole*
- The 2012 European Cycling Challenge, *Tommaso Bonino, SRM - Reti e Mobilità Srl*
- Increasing bicycle use through segmented marketing - example from Gdynia, *Alicja Pawlowska, Municipality of Gdynia*
- How to become a CHAMPion cycling city in Europe, *Vincent Meerschaert, Traject - mobility management*
- CENTRAL MEETBIKE - integrated bicycle promotion and international networking for more sustainable bicycle transport in Central European cities, *André Zschoge, City of Dresden & Jaroslav Martinek, CDV*

D: Benchmarking Urban Mobility

- The QUEST Quality management tool for Urban Energy efficient Sustainable Transport, working with 50 cities in the QUEST project, *Giovanna Giuffrè, ISIS*
- Towards ecomobile European cities: a new quality management scheme for sustainable urban mobility, *Anna Clark, Trivector*
- Monitoring and evaluating the Italian programme for urban sustainable mobility, *G. Rossi, Italian Ministry of Environment; Maurizio Tomassini, ISIS*
- Creating a sense of urgency for sustainable mobility by benchmarking cities in the Netherlands, *Jurgen de Haan, KPVV and Wim Korver, Goudappel Coffeng*

12.30: **Plenary session, Eltis Award for the best presentation, followed by closing words**

13.15: **Lunch**

14.30: **Technical site visits**

- **1. Minimetro**: The lines between the lines
- **2. Limited Traffic Zone**: an access and egress control system to manage traffic in historical cities
- **3. Intermodality**: Enhance public transport

See detailed outline on next page.

1: MINIMETRO: The lines between the lines

The site visit will show the usefulness of the Minimetro, one of today's most innovative interpretations of urban transportation infrastructure. The 'fil rouge" shows its strength in Perugia's dense and complex urban fabric. The site visit will take in the Minimetro's main components: the viaduct, the tunnels and the stations.

2: LIMITED TRAFFIC ZONE: an access and egress control system to manage traffic in historical cities

A new technological approach to manage traffic in historical cities – the LTZ has been in place since the mid-80s and enforced through technology since 2002. The LTZ access and egress control system uses automatic gates to monitor routes in the city centre. The site visit will pass through the most relevant gates, focusing on technology systems, environmental impact and the architectural quality of the interventions. Moreover the site visit will show the innovative investments in Park and Ride that Perugia has made to guarantee accessibility, based on escalators and elevators systems to reach the city centre. Guests will have a walk along the historical pedestrian route with its many technological features.

3: INTERMODALITY: Enhance public transport

Perugia has a new strategy for sustainable urban mobility based on the integration and improvement of existing infrastructure and operators to enhance the effectiveness and attractiveness of public transport. The visit will take the participants through examples of interventions related to the MINIMETRO system (i.e. the new flyover pedestrian bridges, designed and implemented near the MINIMETRO stations to connect the pedestrian flows to them). The site visit will also touch upon the new services implemented by Umbria Mobilità, the Public Transport Company, in cooperation with the Municipality, concerning the organisation of the lines, the improvement of bus stops and shelters, information to public transport users, environmental awareness raising and the technological solutions adopted to operate a better public transport service.

With the support of:

kapsch >>>