

2012 Annual Polis Conference

Innovation in Transport for Sustainable Cities and Regions

Perugia, 29-30 November 2012

Programme

Palazzo dei Priori, entry Piazza IV Novembre, in the historic centre of Perugia

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 challenges of transport

Thursday, 29 November 2012

8.30: Registration and welcome coffee





9.30: Parallel sessions 1

A: CityHush workshop: Acoustically green cities

Room: Sala ex Giunta

Chair of the session: Karen Vancluysen, Polis






-  Estimation of numbers of people affected by traffic noise at home and in parks, *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

Room: Sala dei Notari

Chair of the session: Kevin Borrás, 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

Room: Sala Commissioni

Chair of the session: Leonardo Naldini, city of Perugia

- 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, *Gabriele Giustiniani, University La Sapienza*

D: Financing transport

Room: Sala della Vaccara

Chair of the session: Tommaso Bonino, SRM Bologna

- Transport supports jobs, skills and social inclusion - raising the profile and priority of transport, *Steven Keeley, 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, city of 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

Opening Plenary

Room: Sala dei Notari

- Welcome and opening of the conference, *Wladimiro Boccali, Mayor of Perugia, President of Polis*
- Transport innovation in the historical city of Perugia, *Stefania Papa, responsible P.O. CIVITAS, city of Perugia*
- The European Bus Systems of the Future comes to cities across Europe, *Umberto Guida, EBSF coordinator, UITP*
- Welcome to Umbria Art National Gallery, *Fabio De Chirico, Soprintendente per i Beni Storici Artistici e Etnoantropologici dell'Umbria*

12.30: Lunch

14.00: Parallel sessions 2

A: Reducing the impact of transport on air quality

Room: Sala della Vaccara

Chair of the session: Paul Curtis, London European Partnership for Transport

- 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", *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

Room: Sala dei Notari

- 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, *Davide Usami, University La Sapienza*
- 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, city of The Hague*

C: Road safety benchmarking and data collection

Room: Sala Commissioni

Chair of the session: Werner Dedobbeleer, Flemish Foundation for Traffic Knowledge

- 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, *Fabrizio Benvenuti, Roma Servizi per la Mobilità – RSM*

D: Parking

Room: Sala ex Giunta

Chair of the session: Laurence A. Bannerman, European Parking Association

- High rise parking facilities: a solution for urban regeneration?
Julian Sastre, Foro Infraestructuras 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

Room: Sala ex Giunta

Chair of the session: Mark Frost, London Borough of Hounslow

- 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

Room: Sala dei Notari

- 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, *Olivier 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

Room: Sala della Vaccara

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 CO₂: the C-liege project, *Paola Cossu, FIT Consulting*

D: ENERQI – promoting quality in public transport

Room: Sala Commissioni

Chair of the session: Laurie Pickup, Vectos



- 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*
- The first BRT in Catalonia, a global vision, *Benjamí Cubillo, Catalonia Region*
- Public transport and territorial cohesion: a pilot in Limit4WeDa project, *Leonardo Naldini, Margherita Ambrosi, city of Perugia*

17.30: Close of day one

20.00: Conference dinner at "Ristorante Hotel Brufani"

(Piazza Italia 12, see map at the end of the programme)

Friday, 30 November 2012**9.00: Parallel sessions 4****A: Deployment of electric vehicles in city-regions****Room: Sala della Vaccara****Chair of the session: Ian Winning, city of Cork**

- EVUE: City to city learning network to improve e-mobility policy, *Sergio Fernández Balaguer, EMT Madrid*
- Electric transport in Rotterdam, *Lutske Lindeman, city of Rotterdam*
- Green eMotion – defining the European framework for electromobility, *Federico Caleno, 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**Room: Sala ex Giunta****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**Room: Sala Commissioni****Chair of the session: Patrick Mercier- Handisyde, DG Research & Innovation European Commission**

- 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

Room: Sala dei Notari

Chair of the session: Vincent Leiner, DG MOVE European Commission

- SUMP process – What happens in Dresden, *Kerstin Burggraf, city of Dresden*
- Citizen and 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

Room: Sala Commissioni

Chair of the session: László Kerényi, BKK Centre for Budapest 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 Milan*
- Promoting electric public transport by modern trolleybus systems, *Wolfgang Backhaus, Rupprecht Consult*

B: ITS to support public transport and soft modes

Room: Sala della Vaccara

Chair of the session: Dietrich Leihns, 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

Room: Sala ex Giunta

Chair of the session: Marianne Weinreich, VEKSO/Cycling Embassy of Denmark

- Cycling policy in Lille Métropole, *Thierry du Crest, Lille Métropole*
- The 2012 European Cycling Challenge, *Tommaso Bonino, SRM Bologna*
- Increasing bicycle use through segmented marketing - example from Gdynia, *Alicja Pawlowska, city 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

Room: Sala dei Notari

Chair of the session: Jan Simons, European Social and Economic Committee

- 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, *Giovanna 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: Closing Plenary

Room: Sala dei Notari

Presentation of the Eltis Award for the best presentation, followed by closing words

13.15: Lunch

14.30: Technical site visits

Those who registered for site visits online: Please be on time to ensure your place!

Meeting point: main fountain on Piazza IV Novembre, just outside the conference venue Palazzo dei Priori

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.



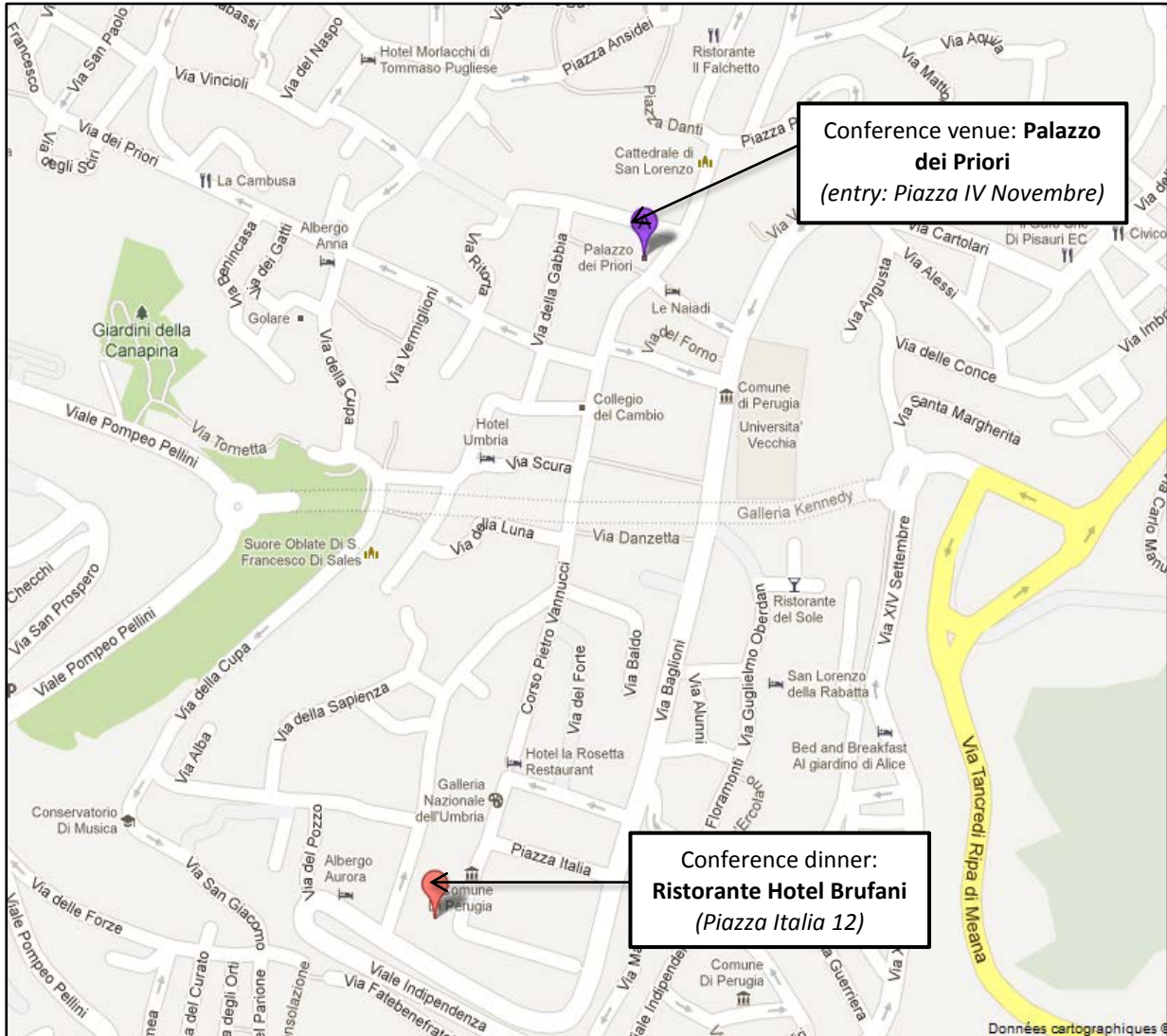
2: LIMITED TRAFFIC ZONE: an access and egress control system to manage traffic in historical cities

➤ 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.

Venue and conference dinner





EUROPEAN CITIES AND REGIONS NETWORKING
FOR INNOVATIVE TRANSPORT SOLUTIONS



Comune di Perugia

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