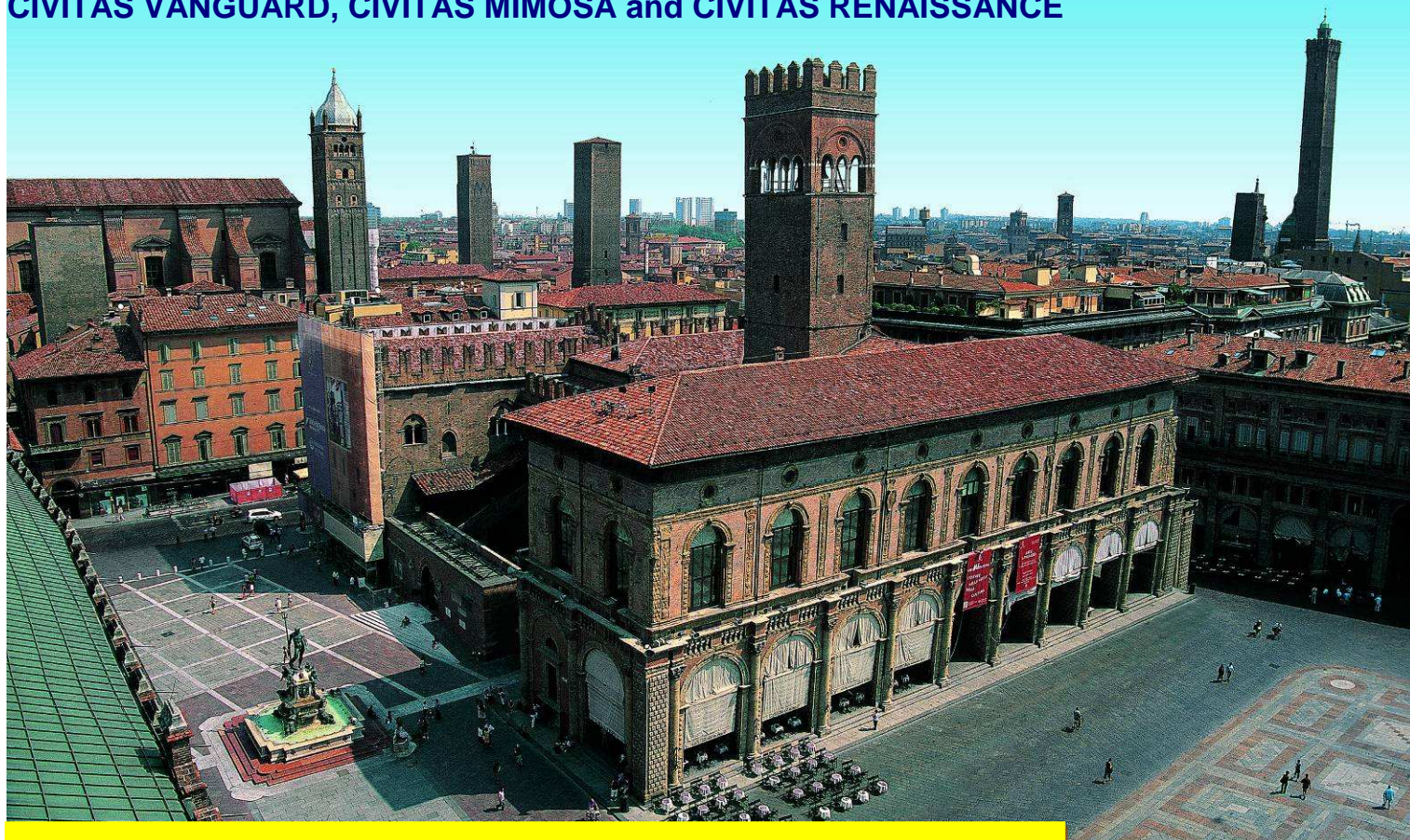




CIVITAS VANGUARD, CIVITAS MIMOSA and CIVITAS RENAISSANCE



**Training workshop on Intelligent Transport Systems
Bologna, Italy – 14-15 December 2011**

Intelligent Transport Systems for enhanced policy delivery

CIVITAS MIMOSA and CIVITAS VANGUARD will hold a training workshop on advanced telematics for urban transport improvement.

The training workshop will provide:

- The opportunity to exchange knowledge with experienced urban transport professionals
- Presentation of state of the art intelligent transport systems
- Inspiring case studies from across Europe showing innovative approaches in the field of ITS
- Tools to build a case for ITS deployment in your city!

About the training

Intelligent Transport Systems: key instruments for efficient management of urban transport

CIVITAS VANGUARD together with CIVITAS MIMOSA organises the 7th VANGUARD training on intelligent transport systems (ITS). CIVITAS Plus cities are fully engaged in innovative telematics for urban transport. The CIVITAS demonstrator cities are deploying different ITS services, such as network management tools, fleet management systems, mobile traveller information systems and e-ticketing systems. All systems are in place because they help the cities' urban policy objectives regarding the environment, liveability, good governance, etc.

Telematics can be used for improving traffic conditions through better traffic management & traveller information. Innovative telematics systems can help to coordinate traffic flow for all users, benefitting public transport with faster travel times and cyclists and walkers by making roads safer. Such systems allow better collection, coordination and use of traffic data to manage traffic, and tools to evaluate, visualise and warehouse this information can help solve bottlenecks and unsafe situations. Telematics systems can also support traffic operations through prioritisation to sustainable modes (particularly public transport), and also support parking information and management.

The training event – 14-15 December 2011

The training event will specifically address the potential of ITS to bring policy delivery forward. The training event will address three stages of the policy implementation cycle: identification of objectives and measures, implementation, and evaluation and monitoring.

1. From objective to measure

Cities have an implicit or explicit vision about urban life. Sustainable Urban Mobility Plans help to structure the thoughts about objectives and vision. The training will help to link specific ITS measures to concrete urban policy objectives.

2. Implementation

The training event will help to understand several aspects of the actual implementation of ITS applications that are managed by the host city – the City of Bologna. Juridical, financial, procurement, integration and maintenance issues will be addressed. The training event will help to define and implementation plan.

3. Monitoring, evaluation as instruments to ensure the measure after CIVITAS has ended

ITS, by nature, have the ability to generate monitoring data that can be analysed to assess the policy delivery contribution of the systems and that can help to improve traffic and public transport conditions. The training event will help to see opportunities that ITS-generated data can offer to improve urban transport systems, and to justify investments in ITS.

Programme

Wednesday 14 December (lunch time) - Thursday 15 December (evening)

Site visit 16 December (AM) in Perugia (optional)

Presentations will alternate with interactive exercises and case studies from Bologna and other CIVITAS cities, such as Tallinn and Utrecht. Participants are invited to send in their local challenge.

Wednesday 14 December

Moderator: Rick Lindeman, NL Agency

12.15 Arrivals and registration, Municipality Headquarters, ground floor

12.30 Lunch in the Krysstal Canteen (in front of the Municipality Headquarters)

Session 1: from objective to measure (focus on network management)

13.00 Opening session - introductions

Karen Vancluysen, introducing the VANGUARD training programme

13.15 The potential of ITS to help cities reach urban transport objectives

Eric Sampson, University of Newcastle

14:15 Presenting the Bologna case,

Cisium: Bologna's innovative traffic control centre, **Fabio Cartolano**, Responsible of ITS Unit - Bologna Municipality
Bologna's University Area: some cases of ITS implementation Bologna Municipality, **Mauro Borioni**, Technician for Mobility Planning - Bologna Municipality

15.00 Local challenges session (including coffee break) - **From objective to measure?**

How to link specific ITS measures to concrete urban policy objectives?

Introduction (15 minutes)

Break-out groups

Plenary – presentations from subgroups – expert feedback from the trainers

17.15 Introduction on subtheme **Exploitation and deployment**

preparing discussion topics, questions for day 2

Closing remarks

18:00 Training concludes

20.00 dinner at the Cantina Bentivoglio, Via Mascarella, 4/B Bologna

Thursday, 15 December 2011

Moderator: Rick Lindeman, NL Agency

Session 2: Exploitation and deployment

How to implement ITS applications: juridical, financial, procurement, integration and maintenance issues

08:30 Meeting point at the Piazza Maggiore
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8.45: Start of the Field trip

- University area access restrictions (1 hour)
- Transfer to the Municipality Headquarter via central station and bus number 30
- Cisium visit (Municipality Headquarter, Cisium room) (1 hour)
- Coffee break (

11.30 Plenary discussions (Municipality Headquarter, plenary room, 4th floor)

12:30 Lunch at the Krystall Canteen

Session 3: **Monitoring and evaluation (focus on smart ticketing systems)**

13:30 Presentation on subtheme 3: **Monitoring and evaluation**

Steve Cassidy, *MRC-McLeanHazel*

- City in the spotlight: Tallinn, presented by Tiit Laiksoo, city of Tallinn
- Why monitor and evaluate? How to monitor and evaluate?
- What opportunities offer ITS-generated data to improve urban transport?

16:30 Closing remarks and evaluation

17:00 Training concludes

Bus transfer to Perugia starting from the Municipality Headquarters at 18.00 o'clock and arriving at hotel San Gallo. (Via Masi, 9, Tel + 39 075 5730202, hotel@sangallo.it, www.sangallo.it)

Friday, 16 December 2011

Study visit Perugia (optional) in cooperation with CIVITAS RENAISSANCE



Programme

9.30 – 9.45 Sangallo Hotel, Via Masi 9, Perugia
Introduction to the visit

09.45 – 10.00 Via Masi
Access and egress gate to the LTZ

10.00 – 10.10 Pedestrian path inside Rocca Paolina
Escalators and elevators in Perugia

10.10 – 10.20 Piazza Italia - Corso Vannucci – Via dei Priori

10.20 – 10.30 Cupa Minimetro station
ITS - devices installed in the city

10.30 – 10.50 Minimetro route to Pian di Massiano Terminal
A new viewpoint on the city

10.50 – 11.10 Coffee Break at Pian di Massiano Minimetro Terminal

11.10 – 11.30 Minimetro route to Pincetto Terminal

11.30 – 11.45 Pincetto Minimetro Terminal
The Minimetro monitoring and control centre

11.45 – 12.00 Walk to Municipality offices

12.00 – 13.30 Mobility Department of Municipality of Perugia
ITS – the control centre and the integrated traffic platform

Transfer to Bologna not foreseen. Train schedule available upon request.

Trainers

Eric Sampson, Newcastle University
Steve Cassidy, MRC McLean Hazel

Target group

CIVITAS Plus measure leaders
Urban policy makers and transport professionals at decision-making level
ITS professionals.

Practical information (Bologna)

VENUE:

The meeting will be held at the Mobility Department of the Municipality of Bologna (Settore Mobilità Sostenibile del Comune di Bologna).

Building: "Tower A" –Piazza Liber Paradisus, 10.

Meeting Point: Ground Floor, in the main all.

BUS:

You can reach the offices with the bus 30 from Piazza Malpighi: the arrival stop is just in front at our office (Stop Fioravanti, Piazza Liber Paradisus)

Bus 30 (every 11'): please find attached the timetable

AIRPORT:

The Guglielmo Marconi Airport is 13 km far from the City centre. You can catch a taxi (approximate cost 25 euros), or use the bus service "BLQ" that will bring you to the city centre (the ticket can be bought onboard and costs 6 euros):

Please find attached the timetable

- To reach the Roma Hotel the best stop is "Ugo Bassi"
- To reach the Palace Hotel the best stop is "San Pietro"

Recommended hotels are:

Hotel Roma: E-mail: prenotazioni@hotelroma.biz (mention "CIVITAS-VANGUARD TRAINING" and get a reduced rate!)

Palace Hotel: E-mail: info@hotelpalacebologna.com

Perugia: Hotel San Gallo Palace, hotel@sangallo.it, www.sangallo.it

The event is free of charge. Also the evening dinner will be offered by the organisers

Contact

For any further information, please contact training@civitas.eu.

In case of emergencies:

- Monday 12 and Tuesday 13 December: Ivo Cré, +32 476 32 77 26
- Wednesday 14 and Thursday 15 December (until 17.00 o'clock): Karen Vancluysen: +32 486 21 42 65
- Thursday evening 15 December (after 17.00 o'clock) and 16 December: Raymond Linsen: +31 6 2183 9447



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IS CO-FINANCED BY THE
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Next CIVITAS VANGUARD Training: Social inclusion – 21-22 March 2012 in Coimbra, Portugal