

ITETRIS

An Integrated Wireless and Traffic Platform for RealTime Road Traffic Management Solutions

Project No.: 224644

Starting date: 01/07/2008

Duration: 30 months

Total cost: € 4.462.205

EU Funding: € 2.968.999

Total cost for Bologna Municipallity: € 92.706

EU Funding for Bologna Municipality: € 69.530

Funding Programme: **7th Framework Programme: ICT for Cooperative Systems**

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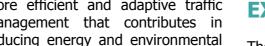
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BACKGROUND

Wireless vehicular cooperative systems have been identified as an attractive solution to improve traffic management. V2V (vehicle-to-vehicle) use of

V2I (vehicleand to-infrastructure) technologies can not only help reducing road fatalities but also

more efficient and adaptive traffic management that contributes in reducing energy and environmental costs while improving our lives.



AIM

The goal of iTETRIS project is to carry out research activities on the above mentioned technologies so as to develop new software solutions advanced simulation platforms to a more efficient urban mobility management.

ACTIVITIES

The project includes activities of research, management, demonstration and communication.

Most activities will focus on research, and in particular:

- analysis of the current situation (existing databases on mobility and software for urban mobility management);
- development of new algorithms and a new model for mobility management;
 - tests and simulations about complex mobility scenarios.



The new technologies developed by iTETRIS are expected to have a remarkable impact on urban mobility as regards traffic congestion.

less congested traffic means higher performance of all the production activities depending directly on traffic fluency, as well as a better quality of life for all the citizens, thanks to a reduction of air and noise pollution.



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