OPTICITIES

Optimize Citizen Mobility and Freight management in Urban Environments

www.opticities.com

Programme: Seventh Framework Programme for Research (FP7)

Duration: 2014-2016

OPTICITIES is project co-funded by the Seventh Framework Programme for Research (FP7), and it aims at supporting European cities in the experimentation of ITS (Intelligent Transport Systems) solutions for goods and passenger mobility, with particular reference to inter-modality and soft modes, that is transport modes that are alternative to the use of cars (public transport, bicycle mobility, carpooling, car sharing, etc.).

OPTICITIES will develop ad hoc products for every target:

• Public Administration: support tools to plan and manage networks with a multimodal approach (DST - Decision Support Systems)
• citizens: real time multimodal navigators (TIS - Traveller Information Services)
• freight transport fleet managers: system to optimise FIS (Freight Information Services) routes.

The new developed solution will be tested in 6 different urban territories (Gran Lyon, Madrid, Turin, Birmingham, Wroclaw, Goteborg). The adoption of an open data platform, Open ITS Platform, will ensure the future transferability to other eventual European cities interested in the activities. The availability of the data that feed the new tools will be guaranteed by public-private partnerships according to a shared contract architecture.

The main awaited benefits are:

• reduction in the use of private cars, with a consequent decrease in associated impacts (CO2 emissions, pollution, etc.)
• economic and business advantages for enterprises

CSI Piemonte, Municipality of Turin, Polytechnics of Turin and 5T are all partners in the project; in particular, CSI Piemonte defines and manages the general framework of the experimentation and coordinates the pilot activities in Turin.

For the Municipality of Turin the OPTICITIES is an opportunity to create and pool together, also through the stipulation of contract agreements, different data sources. Moreover, it will ensure that data are made available to third parties under the form of open web services.
Partners: GRAND LYON (France) – Coordinator, SPIE (France), Madrid Regional Transport Consortium (Spain), Madrid City Council (Spain), ICCA (Spain), Polytechnics of Madrid (Spain), CSI Piemonte (Italy), Municipality of Turin (Italy), 5T (Italy), Polytechnics of Turin (Italy), Municipality of Goteborg (Sweden), Chalmers (Sweden), Municipality of Wroclaw (Poland), Neurosoft (Poland), Birmingham City Council (United Kingdom), Algoé (France), EUROCITIES (Belgium), UITP (Belgium), VOLVO (Sweden), CityWay (France), Vedecom (France), Hacon (Germany), Berends Consult (Germany), ERTICO (Belgium)