

GINA trials: work in progress

Exhaustive Trials

The exhaustive trials of the GINA large scale demonstrator have successfully come to end. The campaign, which was carried out over a period of 4 weeks during the month of March and April 2010, is intended to test the performance of EGNOS in terms of accuracy and integrity compared to a GPS system. The project will now analyse the results obtained in order to assess the comparative advantages of the EU technology vs GPS.

End-to-End Trial

The end-to-end trials have successfully kicked off. Involving 100 vehicles circulating freely on the Dutch road network and equipped with an I-20 On-Board Unit, the project will begin very soon to receive valuable feedback from drivers concerning the social acceptability of the system as well as ascertain whether variable price incentives can have a potential impact on driver behaviour.

Complementary trials in Portugal launched

Portuguese highway operator ASCENDI has launched its trials designed to test the performance of GNSS pricing schemes vs a DSRC based system. The trials will be conducted over the summer months.



GINA validation workshop

The GINA project will hold its validation workshop at end of September. The event will be an opportunity to officially present to selected high level stakeholders who have already demonstrated an interest in Road Charging, the result of the trials in the Netherlands and Portugal.

Eindhoven Road Pricing trials results announced by IBM and NXP semiconductor

The final results of a landmark road pricing trial conducted in the Netherlands, has demonstrated that with the help of technology, drivers can be motivated to change their driving behavior, reducing traffic congestion and contributing to a greener environment

The six-month road pricing trial, conducted in the city of Eindhoven, was designed to provide the Dutch government with insights to address the challenge of traffic congestion in the Netherlands. The test was overwhelmingly successful, with 70 percent of drivers changing their behavior to avoid rush-hour travel when presented with the right incentives, demonstrating that road pricing systems can have a positive effect on driving habits and help alleviate traffic.

GINA present at the major International and National Conferences

During the past three months, the GINA partners had the opportunity to present the project and its latest developments at four major ITS Conferences.

- **X Spanish ITS Congress, Madrid 11-13 May:** the three day event gathered many participants from around Spain to discuss the latest developments in the sector. Jose Maria Martin Bobis from GMV delivered participants the state of play with respect to the GINA concept of trials
- **IRF World Meeting, Lisbon 25-28 May:** held every four years, the World Meeting represents a unique opportunity to share experience and knowledge on a global scale. During the conference, which gathered more than 1500 participants, Rui Carlos Alves from GMV Skysoft had the opportunity to present GINA during the dedicated session on Innovation in ITS policy
- **Transport Research Arena, Brussels 7-10 June:** TRA is the European forum par



excellence where innovation, research and development in the transport and road construction sectors are presented to more than 1,000 experts and interested parties. GINA was doubly present at the 3rd edition of TRA; first, through the project coordinator Sara Gutierrez from GMV, who presented the project during the session on ITS Network Management ; and secondly, through the dedicated GINA stand, where Konstandinos Diamandouros, GINA dissemination leader, was busy explaining the project's aims and objective's to the numerous visitors.

- **Toulouse Space Show, Toulouse 8-11 June:** the objective of this third International Conference on Space Applications was provide an opportunity to

demonstrate how new satellite-based services and applications are playing an increasing role in simplifying everyday life matters such as environmental management, health issues and economic development. During the session on Personal Mobility/Transporting Goods, the project coordinator Sara Gutierrez alongside Fiammetta Diani from European GNSS Supervisory Authority, had the opportunity to present the GINA project and answer questions from the audience.



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