



ERTICO

INTELLIGENT TRANSPORT SYSTEMS AND SERVICES - EUROPE

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CVIS focuses on metropolitan wireless networks



CVIS Partners and representatives of metropolitan wireless network vendors and operators held a meeting on 24 May at ERTICO in Brussels to discuss cooperation opportunities for the future.

The EC-supported, ERTICO-coordinated CVIS (Cooperative Vehicle Infrastructure Systems) is developing core technologies and an integrated platform to allow vehicles to interact with each other and with equipped roadside systems. The platform is based on interoperable wireless communication standards such as Wi-Fi, DSRC, GSM/UMTS and infrared.

While the current Wi-Fi standard does not support mobile use, a version suitable for moving vehicles is being developed, and CVIS technologies will adopt this new ISO standard - CALM, (continuous air interface for long and medium range

communications).

With metropolitan wireless networks currently being deployed in a rapidly growing number of cities throughout the world, the objective of the meeting was to encourage suppliers and operators to adapt future infrastructure deployment to enable use by vehicles. If this is not done, there is a risk that tomorrow's vehicles, equipped with a CVIS-compliant network platform, will not be interoperable with the existing metropolitan wireless networks.

At the meeting, CVIS Partners presented the requirements to enable such interoperability and thereby allow vehicle-based users to take advantage of city-wide broadband connectivity. Topics of discussion included: frequency allocation, the co-existence of different network media, mobile Internet access, authentication issues; data security, and support for geo-addressing (addressing vehicles by their location rather than their network address).

Among the key players present at the meeting, were CVIS partners

Efkon, Volvo Technology and Q-Free. Metropolitan wireless system vendors included Cisco Systems, LastMile Communications and Skypilot, while Traffic Wales attended as a potential wireless network operator. DaimlerChrysler represented the Car-to-Car Communication Consortium.

There was broad agreement among participants that increased cooperation would be beneficial for all involved. A decision was therefore taken to start a contact group that will meet at regular intervals in order to maintain a dialogue between the players active in the area of city-wide wireless communication. The intention is to build this group into a comprehensive and representative grouping of stakeholders in the field, and work towards the mutual adoption of fully interoperable technologies.

▼ For more information on CVIS visit www.cvisproject.org or email ERTICO Project and Development Manager Zeljko Jetic (z.jetic@mail.ertico.com)

GST Partners demonstrate success!

Partners of the ERTICO-coordinated, EC-supported GST project, which aims to create the technology and facilitate the cooperation necessary for the creation of an open market for online telematics services, recently carried out successful demonstrations of its specifications and services. GST and ERTICO Partners Orange, Volvo and Renault were able to demonstrate a variety of GST's in-vehicle mobile services, at separate events in Sweden and France, including eCall (emergency call) and road hazard warning services as well as core GST use cases such as software publishing in the GST Control Centre.

▼ For more information, visit the GST website (www.gstforum.org) or email HAZARD Head of Safety & Security Peter van der Perre (p.vanderperre@mail.ertico.com)



EU and India to increase ITS cooperation

European and Indian road transport stakeholders meeting in Brussels in June agreed to significantly strengthen cooperation in the field of Intelligent Transport Systems and Services. The conference, organised by the ERTICO-coordinated, European Commission-supported EU-India project, attracted

high-level public and private sector participants from the two regions.

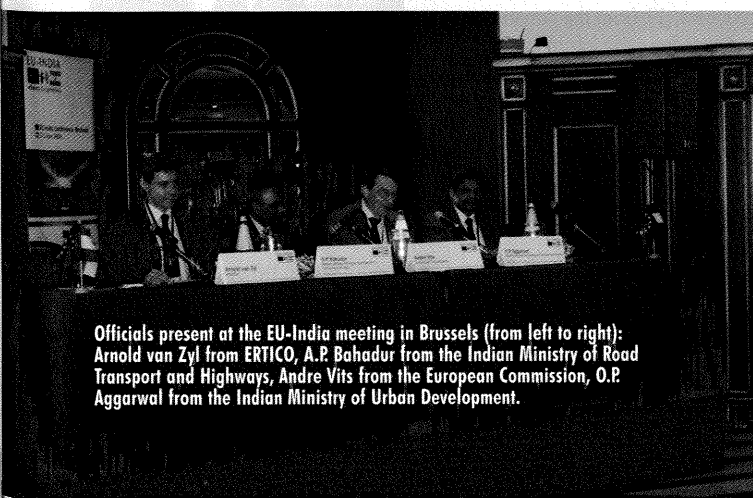
"This meeting has proved a real boost to EU-India ITS cooperation," Jacob Bangsgaard, ERTICO Director of External Affairs and Project Dissemination, commented. "Important ITS demonstrations will be launched in India with the assistance of European stakeholders, and we have a clear commitment from key players to support further Indian ITS deployment activities."

Participants agreed on the need to develop an ITS roadmap for India that sets out key priorities and action points. Two key points that emerged were that urban traffic planning and management must be improved and there is a need to develop an emergency management system.

As the first step, delegates will start working on defining a series of demonstrations intended to showcase the benefits that ITS solutions can offer and raise awareness among Indian decision-makers of the potential of ITS.

On a more long-term basis, delegates pledged to support the creation of a centre of excellence for ITS in India and increase cooperation on ITS training and education between the two regions.

▼ For more information, visit the EU-India website (www.euindia.info/) or email Priti Prajapati, Project Coordinator (p.prajapati@mail.ertico.com)



Officials present at the EU-India meeting in Brussels (from left to right): Arnold van Zyl from ERTICO, A.P. Bahadur from the Indian Ministry of Road Transport and Highways, Andre Vits from the European Commission, O.P. Aggarwal from the Indian Ministry of Urban Development.