



Connecting Smart Vehicles with Intelligent Infrastructure

HOW THE DEPLOYMENT OF COOPERATIVE SYSTEMS FOR EUROPE
WILL ENHANCE ENERGY EFFICIENCY, SAFETY AND MOBILITY

23-26 March 2010 Amsterdam RAI, The Netherlands



The “connected vehicle” is no longer a dream, and the “intelligent transport infrastructure” is already appearing on Europe’s roads. Brought together through a new generation of mobile communication technologies, they make up the future world of “Cooperative Mobility”. For four days in March 2010, the combined results of three major European R&D projects, CVIS, SAFESPOT and COOPERS, will be showcased in Amsterdam.

In a worldwide first, during this showcase visitors can experience up close the latest cooperative mobility technologies and services really operating on the road. The demonstrations will be accompanied by the first conference dedicated entirely to cooperative systems. Both events will take place in Amsterdam from 23-26 March 2010, alongside the Intertraffic exhibition.

Cooperative Mobility Demonstrations

A wide range of cooperative mobility applications will be demonstrated at the Amsterdam RAI congress centre, on the public highways leading to Schiphol Airport, on the airport’s own road network and on a dedicated safety demonstration area. In addition, a fully operational “cooperative traffic centre of the future” will be monitoring and controlling the demonstrations from inside the exhibition hall.

Before going out on the road visitors can get the inside story on “what’s in the box”, including:

- vehicle-to-vehicle communication for safety-critical applications using the latest European and global standards
- flexible communication management allowing continuous connectivity using cellular, broadcast and local media
- high-precision systems for lane-specific positioning
- an open platform for application management, allowing software downloading and lifecycle management

The public highway demonstration tour will feature the following services amongst others:

- real-time multimodal travel information for energy efficient journey planning
- road charging and access control
- in-vehicle display of traffic signs including fixed and changeable speed limits, lane closure and hazard warnings
- local route guidance and speed advice to avoid congestion and stops at traffic lights
- wrong-way-driver detection and alert
- service discovery and download, local advertising

The safety demonstrations will include applications such as:

- hazard and incident warning
- safety at intersections
- safety margin for assistance and emergency vehicle
- lane change assistance
- head on collision warning
- frontal collision prevention

The cooperative traffic centre will be both the nerve centre of the demonstrations and the meeting place for the Showcase event as a whole. It's here that visitors can book their demonstration tour, meet and question the project teams and watch the outdoor cooperative mobility activities from a comfortable seat!

Cooperative Mobility Conference

The Cooperative Mobility Conference 2010 running from 24-26 March complements the demonstrations perfectly, and is organised by the coordinators of the three European R&D projects CVIS, SAFESPOT and COOPERS (respectively ERTICO – ITS Europe, FIAT Research Centre and AustriaTech), together with the European Commission and Amsterdam RAI. The programme offers a full spectrum of sessions with VIP speakers ranging from European, national and local policy-makers to company CEOs, and including leading experts in cooperative systems from Europe.

The Conference will be opened on Wednesday morning 24 March by the European Commission and the Dutch Minister of Transport, Camiel Eurlings, followed by a round table session with European, national and local policy-makers, exploring how deployment of cooperative mobility systems has the potential to bring substantial improvements to energy efficiency, air quality, road safety and travellers' mobility.

After the official opening of the Cooperative Mobility Demonstrations and the i&CDrive exhibition a second round table session will feature leading developers and implementers of cooperative systems, including FIAT Research Centre, Daimler, Volvo AB, Bosch, Eikon, Siemens, Swarco and Logica, and cities such as Turin, Gothenburg, Lyon and Trondheim. They will present the newest systems and solutions using vehicle-to-infrastructure communication for data collection, information services and cooperative traffic management. A European vision of OEMs development will be presented by EUCAR.

The final session of the first day will look at how cooperative mobility services will help users, with a panel drawn from service providers, road operators, traffic managers, user organisations and transport operators. Invited speakers include TomTom, Vodafone, ASFINAG, Cities of Helmond and Dortmund, RACC and Transport for London.

The second day is devoted to the key final results of the three IPs CVIS, SAFESPOT and COOPERS. The results will be presented in keynote addresses and panel sessions on the themes of cooperative systems communication technologies and architecture; location technologies for cooperative mobility; applications and services for energy efficient, safe and clean mobility; and the evaluation of the results and real-world experiences from the projects' numerous test sites across Europe. Those invited to speak include Q-Free, Daimler, NAVTEQ, Renault, INRIA, Logica, Bosch, PTV, PWP Systems, TU Chemnitz, Cofiroute, LCPC, FIRST, Mizar Automazione, TU Munich and Peek Traffic. These sessions will add up to the most extensive exposition ever about cooperative mobility systems and how they work in practice.

The day three programme looks ahead to the future and to widespread deployment of cooperative mobility systems. The first session presents the toolkit developed by the three IPs to remove barriers to deployment, with presentations from ERTICO, TNO, HiTec Marketing, Volvo Technology Corporation, Trialog and Rijkswaterstaat. An interactive interview session with industry visionaries then looks towards a vision of future cooperative mobility systems and products. The Conference closes with an executive round table session debating what it takes to create widespread user acceptance, system deployment and market take-off. Invited speakers include Renault, Swedish Road Administration, Bundesland Hessen, ASFA, Siemens and Telecom Italia.

How can you participate?

The Cooperative Demonstrations and Conference are open to all registered delegates. For the Demonstrations, places are however subject to booking at the dedicated 'Cooperative traffic centre of the future' and limited to the capacity of the numerous Demonstration tour vehicles running on these three days. For the Conference, the fees are the following:

Fees

Delegates: € 350.00 (excl. 19% VAT)
IP Partners: € 250.00 (excl. 19% VAT)

Register now at www.cooperativemobilityshowcase2010.eu

