

ITS Conference 2010

Intelligent Transport in Europe -
Putting the Commission's Plan into Action



Directorate-General
for Mobility
and Transport



Brussels
22 June 2010

Intelligent Transport in Europe

Putting the Commission's Plan into Action

The ITS Conference 2010 brings together high-level representatives from European institutions and key stakeholders from the public and private sectors of the ITS community in the EU.

The European Commissioner for Transport, Vice-President Siim Kallas, will open the Conference, together with representatives from the Spanish Presidency, the European Parliament, the European Economic and Social Committee and the European Data Protection Supervisor. The Director-General for Mobility and Transport at the European Commission, Matthias Ruete, will outline the progress in the implementation of the ITS Action Plan and the forthcoming ITS Directive.

The agenda of the European Commission ITS Conference 2010 includes the following topics:

- Implementation priorities of the ITS Action Plan
- The expected impact of the forthcoming ITS Directive
- EU instruments in support of ITS deployment
- The importance of the ITS data dimension and the key challenges for achieving efficient traffic and travel information services
- The barriers to and options for the deployment and integration of ITS applications.

Interpretation: EN - FR - DE – ES - IT

Bedford Hotel and Congress Centre
135-137 Rue du Midi, 1000 Brussels

PROGRAMME

- morning -

8.30 **Registration and coffee**

PLENARY SESSION 1: SETTING THE SCENE

Chair: Mr Jean-Eric Paquet, Director, Directorate-General for Mobility and Transport, European Commission

9.30 - 9.45 **Welcome and Opening**
Vice-President Siim Kallas, Commissioner for Transport

9.45 - 10.00 **Mr Juan Miguel Sánchez García**, General Director for Land Transport - Ministry of Public Works and Transport, Spain

10.00 - 10.15 **Ms Anne Jensen**, Member of European Parliament, Rapporteur on ITS

10.15 - 10.30 **Mr Josef Zbořil**, Member of the European Economic and Social Committee, Rapporteur on ITS

10.30 - 10.45 **Mr Peter Hustinx**, European Data Protection Supervisor

10.45 - 11.10 **Coffee break**

PLENARY SESSION 2: EU INSTRUMENTS IN SUPPORT OF ITS DEPLOYMENT

Chair: Mr Jean-Eric Paquet, Director, Directorate-General for Mobility and Transport, European Commission

11.10 - 11.40 **The ITS Action Plan & Directive**
Mr Matthias Ruete, Director-General, Directorate-General for Mobility and Transport, European Commission

11.40 - 11.55 **Research activities in ITS**
Mr Andrés Siegler, Director, Directorate-General for Research, European Commission

11.55 - 12.10 **Support and coordination activities from research**
Mr Thierry Van der Pyl, Director, Directorate-General for the Information Society, European Commission

12.10 - 12.30 **Support of ITS Deployment**
Mr Dirk Beckers, Director, TEN-T Executive Agency

12.30 - 14.00 **Lunch**

PROGRAMME

- afternoon -

14.00 - 15.30 **PANEL I: THE DATA DIMENSION - KEY CHALLENGES FOR EFFICIENT TRAFFIC AND TRAVEL INFORMATION SERVICES**

Introduction of the topic – European Commission perspective: Mr Guido Müller (Directorate-General for Mobility and Transport)

Panel discussion with stakeholder representatives:

- *Moderation: Mr François Doux*
- Accuracy and reliability of transport data and information: Mr Carlo Van de Weijer (TomTom)
- Minimum Universal Traffic Information service: Mr Frank Albrecht (BMVBS)
- Information and reservation systems for safe and secure parking: Mr Peter Krausz (IRU)
- Privacy and data protection for ITS: how much does this matter ? Mr Andrej Tomsic (IP-RS)

Discussion with audience

15.30 - 16.00 *Coffee Break*

16.00 - 17.30 **PANEL II: DEPLOYING AND INTEGRATING ITS APPLICATIONS**

Introduction of topic - European Commission perspective: Mr Charles Surmont (Directorate-General for Mobility and Transport)

Panel discussion with stakeholder representatives

- *Moderation: Mr François Doux*
- eTolling: Mr Raoul Schild (Schild&Partner) - Mr Kallistratos Dionelis (ASECAP)
- eCall: Ms Anu Laurell (Finnish Ministry of Transport)
- Open in-vehicle platform architecture: Mr Wolfgang Reinhardt (ACEA)
- Cooperative systems: Mr Paul Kompfner (ERTICO)

Discussion with audience

17.30

CLOSING REMARKS

Ms Magda Kopczynska, Head of Unit, Directorate-General for Mobility and Transport, European Commission

PANEL I: THE DATA DIMENSION - KEY CHALLENGES FOR EFFICIENT TRAFFIC AND TRAVEL

INFORMATION SERVICES

Data is the fuel on which Intelligent Transport Systems run. Technical progress brings more and better data sources and improved ways to transform, fuse and exchange data. But the organisational arrangements have to grow with these flows. Data access, data quality, data exchange or data protection need to be managed in order to provide multi-modal traffic and travel information on a European scale in times of growing demand for real time information.

This panel will look at the data dimension from different perspectives. It covers several actions of the ITS Action Plan, which are also among the key priorities of the upcoming ITS Framework Directive. A common thread is the challenge to make optimal use of the data to create useful services for the traveller and haulier.

- There is a need to guarantee fair and transparent access to public data, and also to make safety-related private data available to public authorities.
- The minimum universal traffic information service is the idea to ensure a core of safety-related event information in real time (e.g. ghost driver), free of charge for the user.
- The lack of sufficient parking space for trucks along European motorways calls for an intelligent use of this scarce resource. ITS can contribute to better information and reservation services.
- Data protection is on the agenda as well. Are current practices sufficient or do we need improvement? Will there be new challenges with enhanced data collection from various sources?

On the first three points, studies are currently ongoing for the European Commission and interim results will be discussed.

Overarching theme is the role of public and private parties in this equation. With diversified data sources such as floating car or floating phone data the possibilities of private service providers to collect proprietary data has increased. Due to different national cultures across Europe these roles cannot be generalised. An important issue is the definition of rules for co-operation.

PANELLISTS

Mr Carlo Van de Weijer

TOMTOM



After obtaining his Master degree in Mechanical Engineering at the University of Technology in Eindhoven, Carlo van de Weijer started in 1990 at TNO Automotive in Delft, where he was responsible for setting up a new research field in Electrical and Hybrid drive trains and, from 1998, was responsible for the Power Trains Business Unit. In 1997 he received his PhD with honors from the Technical University in Graz, Austria. In 2001 he moved to SiemensVDO in Eindhoven to head the local R&D lab for automotive navigation systems. In 2007 this lab was transferred to TomTom with the purpose of enhancing TomTom's role as first-tier navigation supplier to automotive OEMs.

Besides the responsibility for the Eindhoven site of TomTom, Dr. Van de Weijer has also been appointed as Vice President of Intelligent Transportation Systems for TomTom. He is member of the board of the Federation Holland Automotive and ITS Netherlands.

Mr Frank Albrecht

BMVBS, GERMAN FEDERAL MINISTRY OF TRANSPORT, BUILDING AND URBAN DEVELOPMENT



Frank Albrecht PhD is a lawyer by profession and heads the division for innovative and communicative vehicle technologies at the Federal Ministry of Transport, Building and Urban Development.

In recent years he has been responsible for the enforcement of traffic law and has monitored the German Government European initiatives on the improvement of road safety. He has represented Germany in different negotiations on European legislative acts, most recently in the negotiations on the forthcoming ITS Directive. Since 2008 he has been representing Germany in the eSafety Steering Group and the eSafety Forum. He regularly publishes in German legal journals on traffic law and teaches at the Berlin University of Applied Sciences for public administration.

Mr Peter Krausz

IRU, INTERNATIONAL ROAD TRANSPORT UNION



Peter Krausz was born in 1949 in Hungary. He graduated at the Karl Marx University of Economics of Budapest as an economist.

He occupied several positions since 1971 namely at Hungarian State Railways, Hungarian Ministry of Transport, Transport Research Institute (KTI) in Budapest, Hungarocamion Transport Company, TNT Logistics in Budapest and Vienna, the United Nations Economic Commission for Europe (UNECE) in Geneva and the International Road Transport Union (IRU) in Geneva.

Mr Andrej Tomšič

IP-RS, INFORMATION COMMISSIONER OF THE REPUBLIC OF SLOVENIA



Andrej Tomšič was born in 1977 in Postojna, Slovenia. He graduated in 2001 at the Faculty of Economics, University of Ljubljana with the thesis "Information Highways – Infrastructure of the Digital Economy, Strategies and Approaches".

He began his professional career at the Ministry of Information Society where he worked as a counsellor for information society metrics. He presented several articles from this field both locally and abroad. Following the Government's reorganization he continued his career at the Ministry for Higher Education, Science and Technology, where he was the national representative in DG INFSO bodies, namely the eAccessibility Expert Group, ENISA National Liaison Officer, eEUROPE 2005/ i2010 and Safer Internet plus Management Committee. He holds a masters degree in Information Management from the Faculty of Economics, University of Ljubljana. He is lead auditor for ISO/IEC 27001:2005. He joined the Commissioner in May 2006.

PANEL II: DEPLOYING AND INTEGRATING ITS APPLICATIONS

The growth of road transport in the Union together with the European economy and general mobility requirements is the primary cause of increasing road congestion and energy consumption, thereby creating social and environmental problems.

Traditional measures, such as expanding the road infrastructure, cannot be the only answer to those major challenges. Innovative solutions, also based on innovation, will have a major role to play. Intelligent Transport Systems (ITS) aim to provide such innovative solutions and services in the different transport modes, leading to safer, better coordinated and more efficient use of the transport networks.

ITS applications are already being deployed in many Member States. Traffic information systems such as Variable Message Signs have become a usual part of regional or national ITS deployment. Electronic tolling solutions are applied at local, regional or national level in many EU countries (e.g. Stockholm tolling solution). The development and deployment of other ITS applications such as the digital tachograph are framed by existing European legislation and voluntary agreements have been set for the introduction of the "eCall". So far however, most of these acts and agreements have evolved independently of each other, so there has been little synergy even where needs were quite similar.

At the same time, the development of cooperative systems, based on an exchange of information and communication between vehicles and with the road infrastructure, is also progressing rapidly. Research projects have recently demonstrated the technical maturity of application based on cooperative systems.

This panel will look at the situation and issues related to the deployment and integration of ITS applications from different angles. It covers several actions of the ITS Action Plan. For each of these, an important issue is the definition of the sphere of action and responsibilities of the various actors. The interaction between vehicle and (roadside) infrastructure is also one of the main common elements.

- An interoperable e-Tolling solution is the ambition behind the EETS Directive and the recent EETS Decision. It can also be seen as an example of a possible platform to support multiple applications.
- The "harmonised provision for an interoperable EU-wide "eCall" is a priority action of the forthcoming ITS Directive.
- The adoption of an open in-vehicle platform architecture for the provision of ITS services and applications, including standard interfaces and minimum universal traffic information service is one of the ITS Action Plan measures.
- Cooperative systems target future applications and are supported by different underlying technologies, and address a range of stakeholders with different experience and interests.

Studies are currently ongoing for the European Commission. Interim results on the study related to an open platform will be briefly presented, while the impact of new applications on the infrastructure will be discussed.

PANELLISTS

Mr Kallistratos Dionelis

ASECAP, EUROPEAN ASSOCIATION WITH TOLLED MOTORWAYS, BRIDGES AND TUNNELS



Mr Dionelis holds Master Degrees in mechanical engineering (N.U.A.), electrical engineering, transport engineering and economy with a specialization in transport economics. Up to 1999, Kallistratos Dionelis served the Foreign Affairs Ministry of Greece. During the periods 1983-1990 and 1993-1999 he served in Brussels in the EU's Greek Delegation as Counsellor responsible for Transport and Environment.

Since 1999 Kallistratos Dionelis is General Secretary of ASECAP, the European Association of tolled road infrastructures and operators gathering 21 national members and managing more than 40.000 km of road networks.

Mr Raould Schild

SCHILD & PARTNER



Raoul Schild is Austrian, born in 1971 in Germany. He is an entrepreneur and technical consultant specialising in operations research and navigation systems. His current focus is on the design and implementation of wide-area, free-flow road tolling systems and navigational procedures (e.g. precision approaches) in aeronautics using satellite positioning techniques. He has a master degree (Dipl.-Ing.) in mechanical engineering and Ph.D. (Dr. techn.) with distinction in mathematics from the Vienna University of Technology. He was a postdoctoral associate and research affiliate at the Massachusetts Institute of Technology (MIT) working on advanced aircraft separation assurance and collision avoidance systems.

Raoul Schild is currently a Managing Partner at the Vienna office of Schild & Partner, providing technical expertise and project management for international clients.

Mr Wolfgang Reinhardt

ACEA, EUROPEAN AUTOMOBILE MANUFACTURERS' ASSOCIATION



In his long career Wolfgang Reinhardt has spent 24 years in the automotive industry. He held various positions as e.g. General Director, Director Marketing, General Aftersales & Service Director, etc. Since 2003 he has joined the ACEA, the European Automobile Manufacturers Association in Brussels, where he deals with ITS, eSafety, Telematics and Road Safety.

Wolfgang Reinhardt holds PhDs in Business Administration and Economics. His previous work experiences comprise notably 14 years at GM EUROPE (GME)/Adam Opel AG/GmbH in different management positions; a position of Director Holding Companies at Anzag, Frankfurt; a position of Marketing Director at Dun & Bradstreet, Frankfurt. Wolfgang Reinhardt has been Board Member of Volvo Germany, Strategic Marketing.

Mrs Anu Laurell

FINNISH MINISTRY OF TRANSPORT



Mrs Anu Laurell holds a Master of Science in mathematics and physics from the University of Turku, Finland. Her previous work experiences comprise notably a position of Head of Information Network Unit at MINTC (Information Society Strategies and programmes in Finland) between 1990 and 1999; a position of Technology Adviser in TEKES (Technology Development Center Finland) based in Brussels between 2000 and 2001; a position of Telecommunications Manager at Sanoma OY (Finnish Mediahouse) between 1988 and 1990; and a position of designer and analyst of information networks from 1976 until 1987.

Mrs Anu Laurell is currently a Senior Adviser for the Ministry of Transport and Communications (MINTC) in Finland and for Unit for Logistics, ITS and Russia Cooperation.

Her main fields of activity concern the deployment of Information and Communications Technology in the field of Transport, strategic planning, and the implementation of National ITS Action Plan. Anu Laurell is Chair of the national eCall steering group.

Mr Paul Kompfner

ERTICO, INTELLIGENT TRANSPORT SYSTEMS AND SERVICES FOR EUROPE



Paul Kompfner is Head of Sector, CooperativeMobility at ERTICO-ITS Europe, with 18 years' experience in co-ordination and management of European projects. He is currently coordinator of the CVIS (Cooperative Vehicle-Infrastructure Systems) integrated project that began in February 2006 within the "IST for eSafety" priority of the EU Sixth Framework Programme.

An astrophysicist by training, he has led ERTICO projects on telematics system evaluation, traffic and travel information, road applications of satellite navigation, ITS deployment planning for cities, ITS for public transport, nomadic device integration and driver safety/HMI. Before joining ERTICO Mr Kompfner was Principal Scientific Officer at the UK Transport Research Laboratory, where he led a section carrying out studies of accident risk, advanced driver training, company car use and transport systems operation.

MODERATION FOR BOTH PANELS

Mr François Doux

JOURNALIST AND FREE-LANCE REPORTER



Francois Doux is a graduate from the Institut d'Etudes Politiques (Strasbourg), holds a master of journalism of Paris II University and a MBA of HEC business school. He started as a business reporter at Le Figaro (2002-2005), and held a finance chronicle on RTL radio (2003-2004). He joined Bloomberg Television in London in 2005, and became the manager of the French channel in 2008. He is now a free-lance reporter for Le Temps, La Tribune and Le Figaro.

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<http://ec.europa.eu/transport/its/>

