

COPER III REPORTING ON THE SECTOR'S DEVELOPMENTS: THE ITS COMPONENT

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ITS Action Plan – EC Proposal

- After a long consensus building work, started in 2007, with multiple meetings with different stakeholders and concerned DG's, on 16Dec08, EC published a Communication and a Proposal, for adoption by the EP and the Council, of a Draft Directive on the ITS Action Plan.

ITS Action Plan – EC Proposal

- The action plan sets out a common framework in the EU for the deployment of ITS in road transport, including interfaces with other transport modes. It addresses issues of geographical continuity, interoperability of services and systems and standardisation of ITS
- For the six priority action areas, the action plan includes specific actions with target dates

ITS Action Plan – EC Proposal

- Optimal use of road, traffic and travel data: EU-wide real time and travel information services (2010), road data (2012) and data for digital maps (2011), minimum universal traffic information (2012) and multimodal door-to-door journey planners (2009-2012).
- Continuity of traffic and freight management ITS services in European transport corridors and conurbations: continuity of ITS services (2011), eFreight (2010), multimodal European ITS framework architecture (2010) and for urban transport mobility (2010), electronic road toll system (2012/2014).
- Road safety and security applications of ITS: advance driver assistance systems (ADAS) and safety and security-related ITS systems (2009-2014), eCall (2009), Human-Machine-Interface (HMI) (2010), vulnerable road users (2014), secure parking places (2010).

ITS Action Plan – EC Proposal

- Integration of the vehicle into the transport infrastructure: open in vehicle platform architecture (2011), cooperative systems (2010-2013), infrastructure-to-infrastructure (I2I) (2010), vehicle-to-infrastructure (V2I) (2011), vehicle-to-vehicle (V2V) (2013), mandate for the European Standardisation Organisation (2009-2014).
- Data security and protection, and liability issues: security and data protection (2011), liability (2011).
- European ITS cooperation and coordination: legal framework for coordination (2008), decision-support toolkit (2011), guidelines for funding (2010), ITS collaboration platform of urban mobility.

ITS Action Plan – EP Situation

- The Transport Committee of EP, in Jan09 had a public session for presentation and discussion of the Proposal
- Last 22Apr09, MEPs approved with amendments the draft directive on the application of Intelligent Transport Systems (ITS) in road transport and interfaces with other transport modes when they adopted the first-reading report by Anne Jensen
- MEPs are enthusiastic about the benefits ITS can bring to European citizens in terms of road safety, reducing traffic jams and better journey planning.

ITS Action Plan – EP Situation

- However, they have called on the Commission to make a number of improvements to their proposals:
 - to enhance compatibility between ITS systems and ensuring "backward compatibility" with previous applications and systems;
 - to increase the focus on vulnerable road users (pedestrians, cyclists, motorcyclists, disabled people and people with limited mobility);
 - to ensure respect for data protection and privacy: collection, storage and processing of personal data must be carried out in accordance with EU rules;
 - to clarify liability issues by involving experts and stakeholders.

ITS Action Plan – Council Situation

- Invited the Presidency to convene, in the framework of discussions of the ITS Directive proposal, a special working session to discuss and achieve clarity to all the specific actions mentioned in the ITS Action Plan for the Deployment of Intelligent Transport Systems in Europe, issued in December 2008;
- Supported the overall objectives, and in principle the priorities identified by the Commission for accelerating and coordinating the deployment of ITS in the EU;
- Acknowledged the indicative timetable put forward by the Commission in the Action Plan;

ITS Action Plan – Council Situation

- Invited the Commission to explore the possibilities to bring forward the action related to safety and quality of travel of vulnerable road users and persons with reduced mobility or orientation;
- Encouraged the public and private sector to make use of satellite-based infrastructures (such as Galileo and EGNOS) in a cost-effective manner for the purposes of ITS applications and services that require global, continuous, accurate and guaranteed timing and positioning."

ITS Action Plan – Member States

- Member States see their positions to certain extent defended by their Members on both EP and Council
- Furthermore, they are concerned with the possibility to lose control on money expenditure once the impacts of the measures proposed are not duly quantified and, if the Directive is approved, MS will have to translate it to national legislation and, then, it will become mandatory including the unquantified costs for implementation

EASYWAY Project – Phase I

- Project is achieving its third and last year of execution
- Execution level is reasonable, but some companies and consequently some countries may have difficulties as a result of the economic crisis
- The European Studies defined the European Core Services that were approved by all Member States present at the Taormina Conference held in Oct08

EASYWAY Project – Phase II

- Last 15May09, 22 countries of European Union presented a 500 million euro proposal for Phase II of the project covering the years 2010-11.

E-Safety Project

- Last Aug08, a Decision from the EC reserved a part of the 5.9 GHz bandwidth to safety related communications
- Also in 4Q09, COM e-Safety has approved its Communications Architecture
- SOA WG has not produced much results till present, but recent developments seams will reactivate the WG
- International WG also has been changed and new Chairmen were appointed that should aim the interests of Europe, e-Safety partners and its WG's in what concerns international cooperation

E-Safety Project – II WG

- Being difficult to limit the scope of the definition of Intelligent Infrastructure, it was defined a generic communication network necessary to implement the existing services supplied by the road operators, either urban or inter-urban.
- From this point and after revisiting the 6th Framework Program projects, CVIS, COOPERS, SAFESPOT and COM e-Safety, it will be listed the several cooperative services relevant to road operators and, individually, analyse its impact in the communication network to conclude of, eventual, additional requirements resulting from its implementation.
- By doing that to all cooperative services, we expect to conclude on the Intelligent Infrastructure for the Future and propose a roadmap for implementation.

E-Safety Project – RTD WG

- The WG has been following up the works concerning the provisions for the future of transport and in particular of road transport.
- The European Commission Communication “COM(2009) 116 final” of last 13Mar09 entitled “A Strategy for ICT R&D and Innovation in Europe: Raising the Game” proposes a strategy to establish Europe's industrial and technology leadership in information and communication technologies (ICT), to make Europe more attractive for ICT investments and skills, and to ensure that its economy and society benefit fully from ICT developments.
- Building on Europe's assets, the strategy seeks to step up the effort in ICT research and innovation (R&D&I) and to maximise its impact in today's economic context. It forms part of the preparations for a European plan for innovation and research, encompassing the main technologies of the future including ICT.
- Till Oct09, the WG will prepare a document detailing the missing R&D elements required to fulfill the 2020-2030 vision of the WG taken into account the related boundaries set by ERTRAC scenarios.

Conclusions

- EASYWAY project, phase I, is finishing successfully and phase II is approaching rapidly;
- ITS Action Plan, based on initial reactions from EP and Council must be approved soon;
- Cooperative Systems start to be clarified being IIWG an important element to achieve it;
- The EU economic recovery responsables should consider that Cooperative Systems are a great opportunity to integrate the strong support to road transport ITS and use it to give a major push to the European technological industry

Thanks for your attention.

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