



# The European Commission ITS Action Plan

Update Oct 2008



## What has been done so far?

- Stakeholder interviews (Nov 07 – Jan 08)
- Workshops on 22 Feb and 26 March 08
- eSafety forum, Ljubljana, 25 April 08
- Meeting with Member States, 26 May 08
- Internet consultation
- Impact assessment report (June/July)

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## What has still to be done?

- Interservice consultation in EC (started 10 October 2008, 15 working days)
- Commission Communication + legislative proposal December

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## Major Challenges for road transport

- Lower the impact of mobility on the environment, increase energy efficiency
- Optimise the use of existing infrastructure; reduce congestion
- Improve traffic and transport safety and security

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## Why a European ITS Action Plan for Road Transport?

- Important policy dimension in Europe
- Create growth and jobs
- Further measures are needed to have a harmonious and accelerated uptake and deployment
- EU has a clear role to play in creating the appropriate framework conditions

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## Priority actions and measures

- *Action Area 1: Optimised use of road, traffic and travel data*
- *Action Area 2: Traffic Management on European Transport corridors and in conurbations*
- *Action Area 3: Road safety and security*
- *Action Area 4: Better integration of vehicle into the transport system*
- *Action Area 5: Data security and protection and liability issues*
- *Action Area 6: European ITS co-operation and coordination*

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## **Area 1: Optimised use of road, traffic and travel data**

- Procedures for Europe-wide real-time traffic and travel information services
- Collection and provision of road data and traffic circulation plans, traffic regulations and recommended routes (in particular for heavy goods vehicles)
- Accurate availability of public data for digital maps and their timely updates
- Free provision of minimum universal traffic information services

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## **Area 2: Traffic Management on European Transport corridors and interurbans**

- Set of common procedures and specifications to ensure continuity of ITS services for passenger and freight transport in urban/interurban regions
- Support of eFreight and goods tracking and tracing
- Generic ITS architecture for urban transport mobility
- Implementation interoperability of electronic road toll systems

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### **Area 3: Road safety and security**

- Promotion of safety and security-related systems, their installation in new vehicles (type approval) and "retrofitting"
- Large-scale implementation of eCall
- Aspects of Human Machine Interface (HMI) for nomadic devices
- Impact of ITS on the comfort and safety of vulnerable road users
- Best practice guidelines secured parking places for commercial vehicles + parking reservation systems

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### **Area 4: Integration of vehicle into the transport system**

- Functional specifications for an open in-vehicle platform.
- Evaluation of co-operative vehicle systems and possible alternative deployment strategies
- Definition of functional specifications for V2V, V2I, I2I communication
- Address standardisation aspects (e.g. mandates)

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### **Area 5: Data security and protection, and liability**

- Assess security and data protection aspects of ITS applications
- Liability issues pertaining to usage of ITS applications (notably in-vehicle safety systems)

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### **Area 6: European ITS concertation and coordination**

- Proposal for a legal framework for European co-ordination on the Europe-wide deployment of ITS
- Development of a decision-support toolkit for investment decisions in ITS applications and services
- Guidelines for public funding of ITS facilities and services based on assessment criteria
- ITS collaboration platform between MS and regional/local governments aimed at promotion of ITS initiatives on urban mobility

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## Proposal for an ITS Committee

Setting up of two bodies:

- A European ITS Committee (EIC) with Member States representatives: to advise the Commission but also to exchange information on best practice and technical solutions
- A European ITS forum to advise the Commission and to inform the EIC on technical aspects (taking input from existing fora)

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## Proposal for an ITS Committee

- The proposal could also attribute a regulatory function to the Committee to establish technical guidelines and specifications in the priority areas
- Some of this work might require type-approval of infrastructure-related ITS equipment and software (with mutual recognition) to ensure compliance with the relevant technical specifications

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Thank you for your attention

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