Intelligent Mobility – thinking about tomorrow’s transport

Inter-operability as a supra-national challenge – the EU perspectives

Fotis Karamitsos
European Commission – DG MOVE

UNECE Inland Transport Committee Policy Segment, 28 February 2012
Goals of European transport policy

- Paramount goal: A transport system that underpins EU economic progress, enhances competitiveness and offers high quality mobility services while using resources more efficiently.

- In practice, transport has to:
  - use less energy
  - use cleaner energy
  - better exploit a modern network

- Importance of ITS!
White Paper 2011 on Transport: a roadmap to a Single European Transport System

...that is

- Sustainable
- Integrated (all modes)
- User-friendly
- Technology led (ITS)

and that enhances

- Economic progress
- Competitive growth (Single Market)
- Efficient use of Resources
- Use of cleaner fuels, reduction of oil dependency
Status of ITS Deployment (AD 2008)

- Fast technical development > high number of mature applications

  but…

- Slow and fragmented uptake across Europe
- Large differences between countries
- Low degree of intermodality

⇒ Patchwork of national, regional and local solutions

main problem drivers identified:

  » lack of interoperability
  » lack of effective cooperation
  » privacy and liability issues
Policy framework for the deployment of ITS in Europe


- **Directive 2010/40/EU**: Framework for the Coordinated and Effective Deployment and Use of Intelligent Transport Systems

> **Road transport** and interfaces with other modes
  - to coordinate and accelerate deployment of ITS
  - to tackle bottlenecks for deployment
  - to make road transport more sustainable
Directive 2010/40/EU

Framework for the Coordinated and Effective Deployment and Use of Intelligent Transport Systems

Objectives

- Establishing a framework for coordinated and effective deployment and use of ITS
- Setting common priorities
- Development of specifications and standards focused on interoperability and continuity
  - functional, technical, organisational & service provision-related
EU-wide Multi-Modal Travel Information

EU-wide Real-Time Traffic information

Free safety-related minimum Traffic Info

Interoperable EU-wide eCall

Information & Reservation systems for Truck Parking

SOURCE: European Commission
Timeline

- **27 Aug 2010**: Directive in force
- **Feb 2011**: Work Programme
- **Aug 2011**: National Reports
- **Feb 2012**: Transposition
- **Aug 2012**: National ITS Plans
- **Feb 2013**: First specs to be ready
- **Aug 2013**: COM report
- **Aug 2014**: National Reports
- **Feb 2015**: COM Report on Delegation
- **Aug 2015**: COM Report
- **Aug 2016**: Multi-modal travel information
- **2017**: Delegation ends
European ITS Advisory Group

Established in Dec 2010

Chair: Commission

- Service providers
- User associations
- Transport operators
- Industry
- Social partners
- Profess. organisations
- Local authorities
- Other relevant forums

High Level Representatives

Advisory Group

Chair: Commission

Appointed in Jan 2012

- Member States

European ITS Committee

Advisory Group

Chair: Commission

- Member States

- Advice on business and technical aspects
- Stakeholder interests

- Adoption of work programme
- Reporting guidelines
- Standardisation mandates
- Non-binding measures
- Consultation for specifications
- Information exchange
Conclusions and expectations

- The ITS Directive provides for
  - a framework for effective cooperation
  - the elaboration of Standards and Specifications to have bottlenecks tackled & to ensure interoperable solutions

- We need to know and understand perceived barriers hampering deployment
- We need
  - Concertation and coordination of all stakeholders
  - Consensus building at international level

- We welcome UNECE initiatives to enhance awareness and to promote concrete cooperation!
More information

- Directorate-General for Mobility and Transport
- ITS Action Plan and Directive
- White Paper 2011

Thank you for your attention!