ITS Perspectives setting the context for closer collaboration with INSPIRE

European Commission, DG Move/DG JRC

TN-ITS/INSPIRE session in Helsinki/Aalborg

Wednesday 18 June 2014
15.00-16.30+ (Aalborg Time)
16.00-17.30+ (Helsinki Time)

www.jrc.ec.europa.eu

Serving society
Stimulating innovation
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delivering savings, growth and better services through "location-enabled government"
EU Policies on ITS

**Action Plan** for the Deployment of Intelligent Transport Systems (ITS) in Europe

COM(2008) 886

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

Road transport and interfaces with other modes

- coordinate and accelerate deployment of ITS
- make road transport more sustainable
The 6 priority actions of the ITS Directive

- 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
**ITS Action Plan**

**Area 1**
Optimal Use of Road, Traffic & Travel Data
- EU-wide real time travel information
- Collection & provision of road data
- Accurate public data for digital maps
- Free minimum information service
- Promotion of multi-modal journey planners

**Area 2**
Continuity of Traffic & Freight Management
- Continuity of ITS services
- Services for freight transport & logistics
- European ITS Framework architecture
- Interoperability of electronic toll systems

**Area 3**
Road Safety and Security
- Promotion of in-vehicle safety systems
- Introduction of Europe-wide eCall
- Regulatory Framework on HMI
- Guidelines: Impact on Vulnerable road users
- Guidelines: Secure parking places for trucks

**Area 4**
Integration of Vehicle & Transport Infrastructure
- Open in-vehicle Platform architecture
- Development & evaluation of coop. systems
- Specifications for V2X, I2X communication
- Mandate for European standardisation
- Guidelines: Impact on Vulnerable road users

**Area 5**
Data Protection & Liability
- Security & data protection
- Addressing liability, esp. in-vehicle safety systems

**Area 6**
European ITS Coordination
- Legal framework for EU ITS cooperation
- Decision support toolkit for ITS investments
- Guidelines for public funding for ITS
- Collaboration platform on urban ITS
Study on Action 1.3:

Published on:

Main recommendations:

- gradual deployment planning, starting with case-by-case update of speed limits on TERN

- end-goal: publication of all publicly held road data that either originates from public authorities, or that can only be efficiently sourced by public authorities

- alignment of the ROSATTE outcome with the INSPIRE technical and organisational framework
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
ITS Directive: Specifications

**Aims: compatibility, interoperability and continuity**

*Binding Measures*
- Adopted as “delegated acts” (Art 290 TFEU)
- Functional, technical, organisational, service provisions
- Based on standards (where appropriate)
- Impact assessment prior to adoption

*Obligations for Member States*
- ensure use of specifications when ITS is deployed
- cooperate in respect to priority areas
- deployment obligation only after adoption of co-decision proposal
ITS Directive: Specifications

...for **Priority action a**: provision of EU-wide multimodal travel information services

provision of EU-wide multimodal travel information services

...and **Priority action b**: provision of EU-wide real-time traffic information services

**Specifications shall include**: requirements to make road, traffic and transport services data used for digital maps accurate and available, where possible, to digital map producers and service providers, based on:

- availability of existing road and traffic data used for digital maps
- facilitation of the electronic data exchange between the relevant public authorities and stakeholders and the private digital map producers and service providers
- timely updating of road and traffic data for digital maps and timely updating of the digital maps
Your challenge is to implement the Transportation Pilot and report back at the ITS World Congress (Bordeaux, 5-9 October 2015).

The Transportation Pilot involves:
- Extension of Inspire framework
- Convergence of data and flows
- Pooling of resources
- Costs and benefits for all stakeholders

It involves the ITS Legislative Process and the INSPIRE Legislative Process.