Framework for the deployment of ITS in Europe – State of Play

**ITS Action Plan**
**Directive 2010/40/EU**

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European Commission – DG MOVE

29 March 2011 – Workshop Access to public data for digital road maps

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EU Policies on ITS


**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
ITS Action Plan

Objectives
- coordinate and accelerate deployment of ITS in road transport and interfaces with other modes

Measures
- 24 Actions in 6 Priority Areas

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
- Guidelines: impact on vulnerable road users

Area 3: Road Safety and Security
- Promotion of in-vehicle safety systems
- Introduction of Europe-wide eCall
- Regulatory Framework on HMI
- Specifications for V2X, I2X communication
- Guidelines: impact on vulnerable road users

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: security & data protection

Area 5: Data Protection & Liability
- Security & data protection
- Addressing liability, esp. in-vehicle safety systems
- Guidelines: secure parking places for trucks

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


Adopted on 16/12/2008
 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

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
Priority Areas

- Optimal Use of Road, Traffic and Travel Data
- Continuity of Traffic and Freight Management
- Road Safety and Security
- Linking Vehicle and Transport Infrastructure

6 Priority Actions > see next slide
all defined in Annex I

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
Principles for Deployment

- Interoperability
- Continuity of services
- Inter-modality
- Quality of time and position
- Maturity
- Effectiveness
- Cost-efficiency
- Proportionality
- Equality of access
- Respect for existing infrastructure
- Backward compatibility
- Coherence with EU policies

European ITS Committee

Chair: Commission

Member States

- Adoption of working programme
- Reporting guidelines
- Standardisation mandates
- Non-binding measures
- Consultation for specifications
- Information exchange

European ITS Advisory Group

Chair: Commission

High Level Representatives

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

- Advice on business and technical aspects
- Stakeholder interests
### ITS Directive: some news...


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<th>Activities</th>
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<td>Adoption of Work Programme</td>
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<td>Adoption of guidelines for reporting</td>
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<td>Adoption of Specifications for the six Priority Actions</td>
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<td>Reports on implementation progress (2013) and delegated powers (2015)</td>
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ITS Directive: some news…

- **European ITS Committee**
  - First meeting on 16 December 2010
  - Positive opinion on Working Programme
  - Discussion on draft reporting guidelines
  - EEA countries + CH as observers
  - Summary and documents on the public comitology register
    (dossier number CMTD(2010) 1327)

- **European ITS Advisory Group**
  - Commission Decision: ~ March/April 2011
  - Call for application + Selection procedure: 2Q2011 (~April)

More information

ITS Action Plan and Directive


Thank you for your attention!