



- **Intelligent Mobility – thinking about tomorrow’s transport**

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

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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



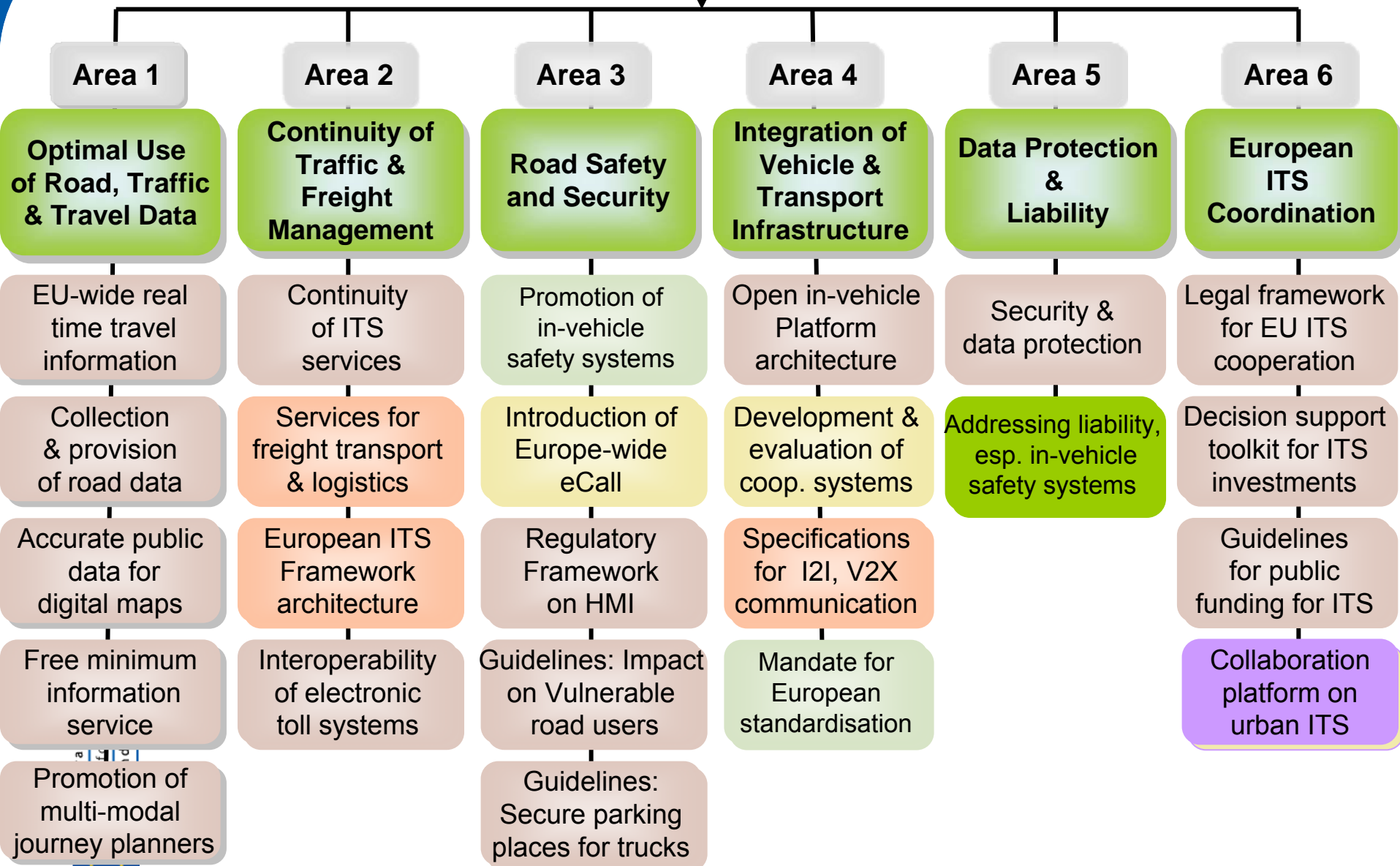
● Policy framework for the deployment of ITS in Europe

- **Action Plan** for the Deployment of Intelligent Transport Systems (ITS) in Europe (Dec 2008)
- **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

ITS Action Plan



● Directive 2010/40/EU

in force since
26 Aug 2010

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

ITS Directive



EU-wide Multi-Modal Travel Information



EU-wide Real-Time Traffic information



Free safety-related minimum Traffic Info



Interoperable EU-wide eCall

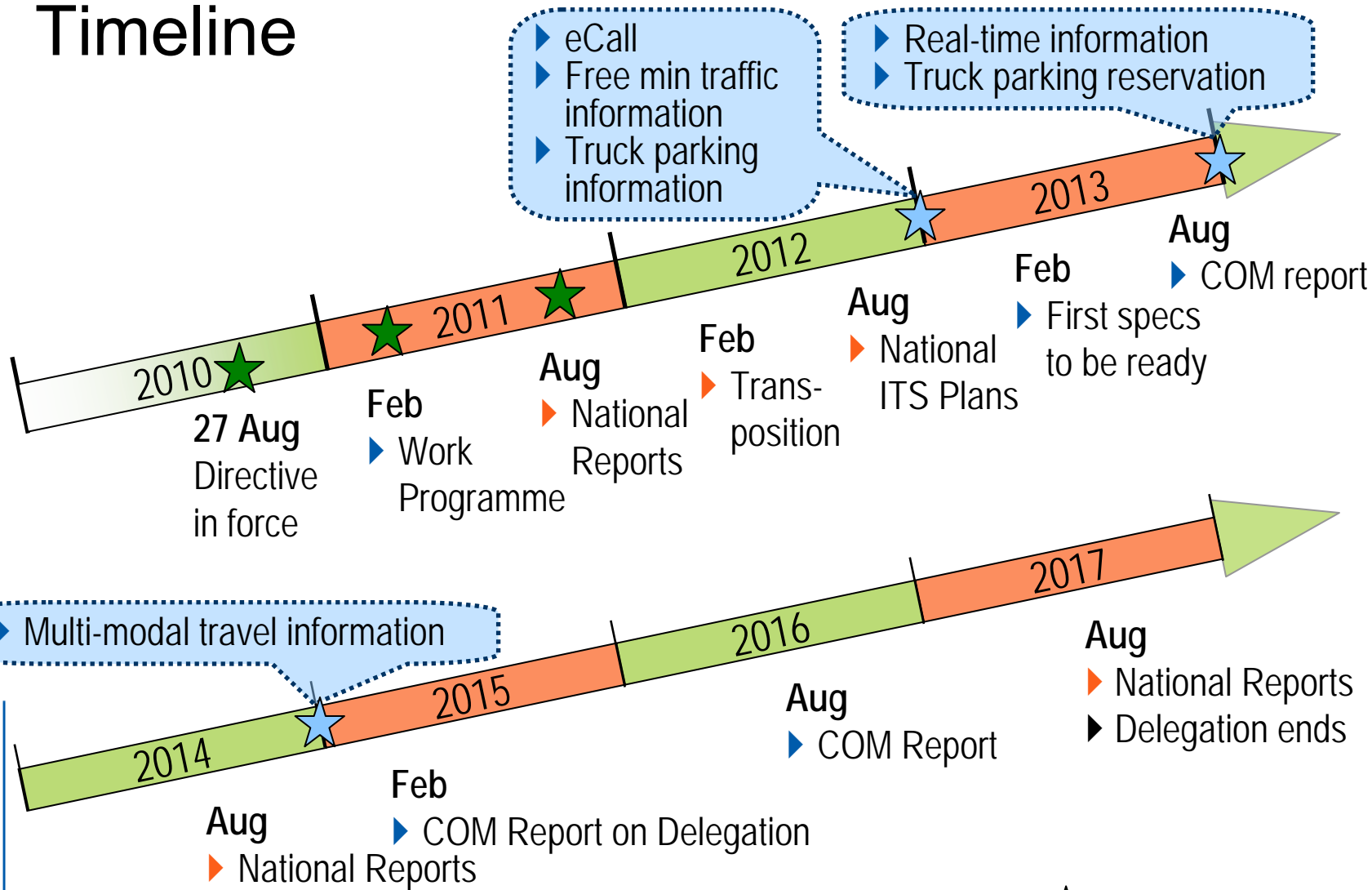


Information & Reservation systems for Truck Parking



SOURCE: European Commission

Timeline



European ITS Committee

established in Dec 2010

Chair: Commission

▶ Member States

- ▶ adoption of work programme
- ▶ reporting guidelines
- ▶ standardisation mandates
- ▶ non-binding measures
- ▶ consultation for specifications
- ▶ information exchange

European ITS Advisory Group

Appointed in Jan 2012

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

● 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
http://ec.europa.eu/transport/index_en.htm
- ITS Action Plan and Directive
http://ec.europa.eu/transport/its/road/action_plan_en.htm
- White Paper 2011
http://ec.europa.eu/transport/strategies/2011_white_paper_en.htm

Thank you for your attention !