



- Intelligent Transport Systems –
Action Plan and Directive

Current Status

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● Overview

● ITS Action Plan

- » Selected ongoing and planned activities (with an urban perspective)
- » Expert Group on Urban ITS

● ITS Directive 2010/40/EU

- » Current status of work

● ITS Action Plan COM(2008) 886

- accelerate and coordinate **deployment**
- increase **interoperability**
- efficient **cooperation**
- solve **privacy** and **liability** issues

Optimal Use of Road, Traffic and Travel Data

Road Safety and Security

Data Protection and Liability

Continuity of Traffic and Freight Management

Integration of Vehicle and Transport Infrastructure

European ITS Coordination

Area 1

Optimal Use of Road, Traffic and Travel Data

1. EU-wide real-time travel information
2. Collection and provision of road data
3. Accurate public data for digital maps
4. Free minimum traffic information services
5. Promotion of multi-modal journey planners

Action 1.1 EU-wide Real-Time Traffic and Travel Information Services

- Dynamic market development; increasing demand for European and multi-modal services
- Objectives
 - » Fair and transparent access to public data
 - » Promote public-private co-operation
 - » Increase data quality
 - » Improve multi-modal co-operation
 - » Encourage (cross-border) data exchange
- Results of a first study (to be published in April)
 - » proposal for a European framework for a regulated market for traffic and transport data
 - » roles, data access, data exchange, licences

Action 1.3 Accurate Public Data for Digital Maps

- Availability of accurate public data for digital maps and their timely updating
 - » common minimum requirements
 - » procedures for fair, simple and transparent access of map providers
 - » minimum requirements for updating
 - » standardisation needs
- Taking into account results of eSafety Digital Maps Working Group and ROSATTE project
- Ongoing study on state-of-the-art and future requirements
 - » workshops in Brussels: 29 March and 21 June (tbc)

Action 1.4 Free Traffic Safety Information Services

- Specifications for data and procedures
 - » Free safety-related traffic services for all travellers
 - » Harmonisation of a Europe-wide minimum service free of charge to the user
 - » Establishment of suitable organisational models
- Results of a first study (to be published in April)
 - » free traffic safety information service generally desirable but different stages of readiness
 - » first definition of safety related road incidents
 - » broadcast via RDS-TMC and DATEX II feed to service providers
 - » central coordination and registry

Action 1.5 Multi-modal Journey Planners

- Support of development of national, multi-modal travel planner and their EU-wide interconnection
- Status quo
 - » at least 13 MS with national door-to-door service
 - » good examples at regional and local level
- EU-wide solution on the basis of distributed systems, need for interfaces
- Ongoing study (01-09/11)
 - » assessment of technical possibilities and existing standards
 - » consultation of stakeholders (web in April/May, Workshop 20 June 2011 in Brussels)
 - » preparation of specifications
- latest projects in FP7:
iTravel, WISEMODE and new proposals

● Urban ITS in Commission Action Plans

Action Plan Intelligent Transport Systems

Action 6.4: Urban ITS Platform

- ▶ promote urban ITS
- ▶ provide guidance and technical support

Action Plan on Urban Mobility

Action 20: ITS for Urban Mobility

- ▶ assistance on ITS for urban mobility
- ▶ study on interoperability of smart ticketing

● Urban ITS Expert Group - Tasks

- A. Identify and exchange **best practice** for the key applications of urban ITS
- B. Elaborate **guidelines** for the key applications (specific regard to interoperability and continuity)
- C. Identify the need for further **standardisation**



Urban ITS Expert Group - Key Applications



- Travel and traffic information
- Smart ticketing
- Traffic and access management
- Urban logistics

Outcome of consultations with stakeholder associations and workshop of 18 March 2010

● Urban ITS Expert Group - Status

- 25 members from relevant stakeholder groups
 - > teams per topic
- Associations, ITS Committee and Advisory Group in the information loop
- Main deliverables
 - » Best practise in urban ITS (interim) Nov 2011
 - » Report on standardisation needs Apr 2012
 - » Best practise in urban ITS Jul 2012
 - » Guidelines for the key applications Nov 2012
- Meetings
 - » *08/12/10, 09/03/11*, Jun 2011 (tbc), Nov 2011
 - » 2012: Feb, Jun and Oct

● Further Topics with an Urban Connection

- Continuity of traffic management (study 01-09/11)
 - » interconnection of traffic management centres, including continuity of strategies across the interurban/urban interface
- Vulnerable road users (study 01-05/11)
 - » impact of ITS on safety and comfort of vulnerable road users
- ITS knowledge toolkit (2 DECIDE)
 - » beta version for testing in April
 - » final version in Oct 2011

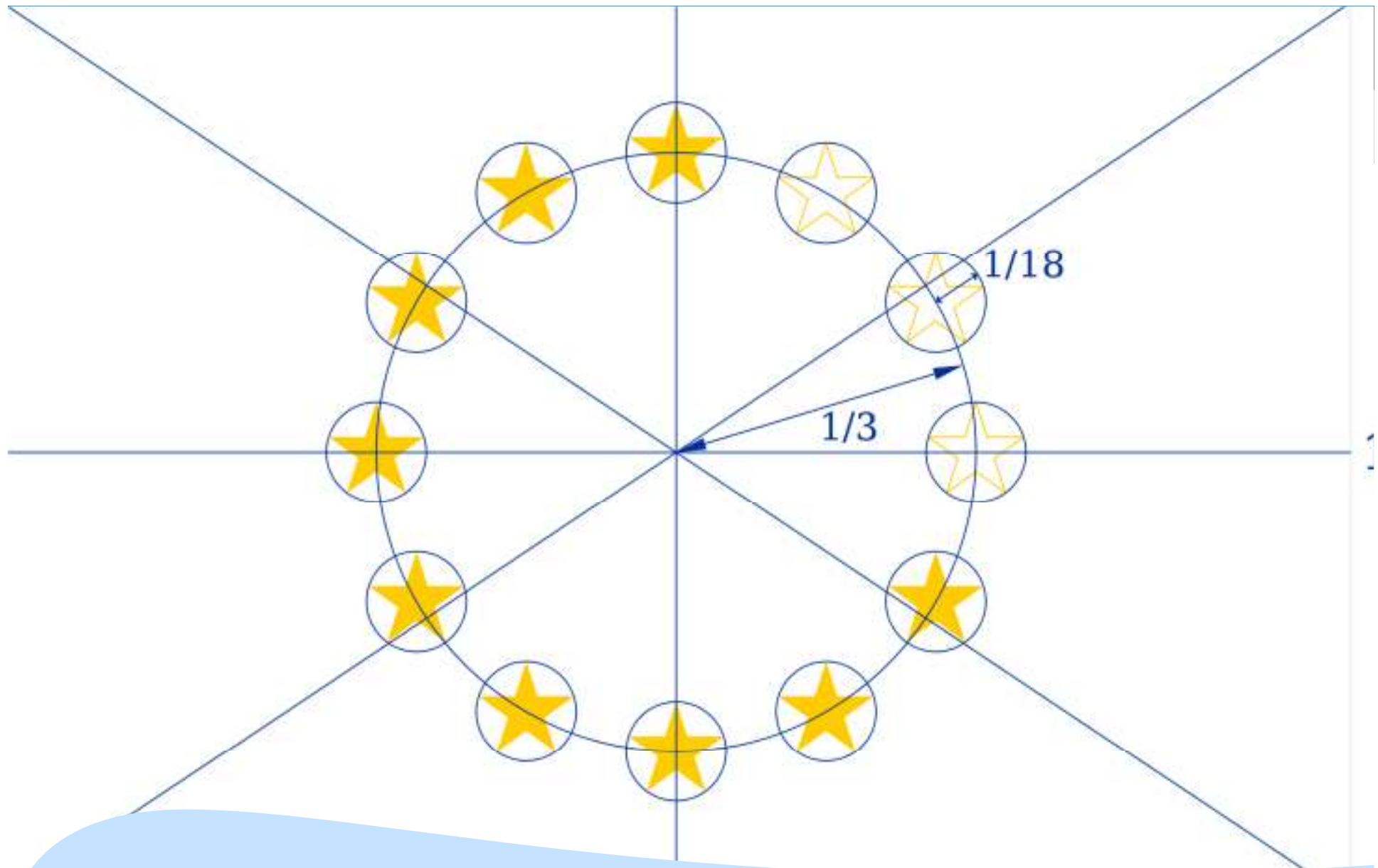
● Further Topics with an Urban Connection

- Guidelines for public funding of ITS
(study 12/10-05/11)
- ITS framework architecture
 - » inclusion of urban level into FRAME, eFRAME??
- Data protection
 - » revision of the general EU legal framework:
legislative proposal in 2011
 - » study on ITS issues foreseen end of 2011

● Intelligentes, interoperables Ticketing

- EU-Project **IFM** (2008-10; www.ifm-project.eu)
 - » multi-application (roadmap)
 - » further development of standards (ISO 24014-1, e.g. security and certification)
 - » network for coordination and implementation
- EC study „**Intelligent Ticketing**“ (2010-11, soon public)
 - » current status
 - » trends: technical development, added value and business models
 - » status of standardisation
 - » recommendations for possible EC action





- ITS Directive (2010/40/EU)

● Directive 2010/40/EU

in force since
26 Aug 2010

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

- » Road transport and interfaces with other modes
- » Safer, more coordinated and smarter use of transport networks

Objectives

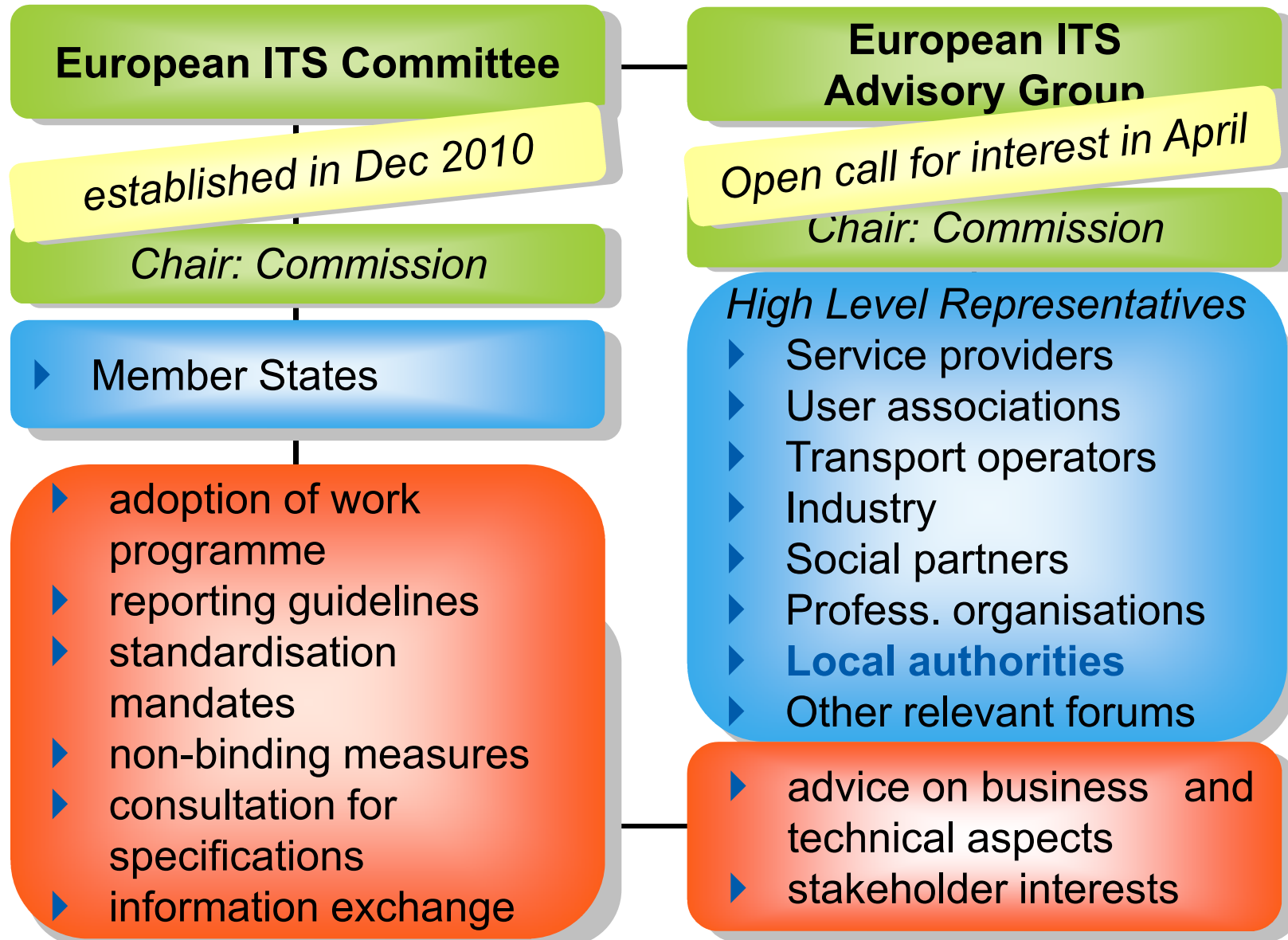
- Establishing a framework for coordinated and effective deployment and use of ITS
- Setting common priorities
- Development of specifications and standards

● ITS Directive: Priorities and Timing

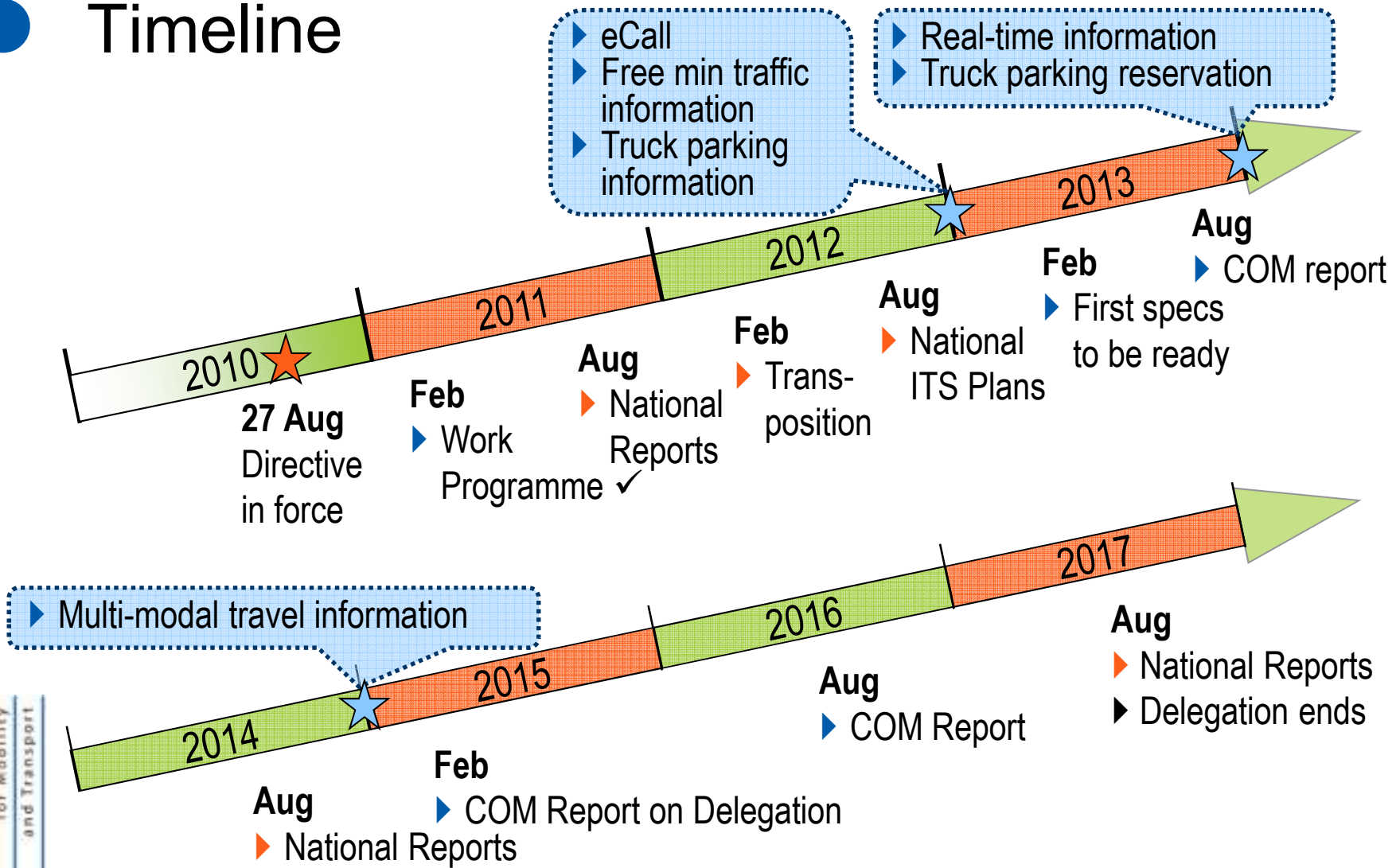
- until end of 2012
 - » Harmonised, interoperable EU-wide eCall
 - » Road safety related minimum universal traffic information free of charge to users
 - » Information services for truck parking
- until end of 2013
 - » EU-wide real-time traffic information services
 - » Reservation services for truck parking
- until end of 2014
 - » EU-wide multimodal travel information services

● ITS Directive: Specifications

- Functional, technical, organisational, service provision specifications
- Procedure
 - » delegated acts (Art. 290 TFEU)
 - » 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



Timeline



- More information



ITS Directive and Action Plan

http://ec.europa.eu/transport/its/road/action_plan_en.htm

Thank you for your attention !

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