European ITS Development actions

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Structure

- EU Transport Policy – White Paper
- EU ITS Action Plan and Directive
- EasyWay
- iMobility Forum
- R&D activities
- Conclusions
Roadmap to a Single European Transport Area
Towards a competitive and resource efficient transport system

- To meet the challenges, transport has to:
  - Use less energy
  - Use cleaner energy
  - Exploit efficiently a multimodal, integrated and ‘intelligent’ network
- Curbing mobility is not an option
- By 2050, move close to zero fatalities in road transport, halving road casualties by 2020
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
ITS Action Plan: Priority Areas

- Optimal Use of Road, Traffic and Travel Data
- Continuity of Traffic and Freight Management
- Road Safety and Security
- Integration of Vehicle into Transport Infrastructure
- Data Protection and Liability
- European ITS Coordination
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
Timeline

- 26 Aug: Directive in force
- Feb: Work Programme
- Aug: National Reports
- Feb: Transposition
- Aug: National ITS Plans
- Aug: First specs to be ready
- Aug: COM report
- Multi-modal travel information
- Aug: COM Report on Delegation
- National Reports
- Aug: National Reports
- Aug: Delegation ends
EasyWay

- Harmonised deployment (TEN-T, Urban, multimodal)
- 27 European Countries
- 150 Affiliated partners
- €400 mln. Member State investments
- €100 mln. TEN-T budget support for EW2 (2010-2012)
- 8 Euro-Regions (ITS deployment)
- 6 (horizontal) Expert and Study Groups

The main strength of EasyWay is its unique position. EasyWay is the only programme in Europe where Member States, Road Operators and stakeholders (Public and Private) cooperate intensively on the harmonised deployment of European ITS services.
## EasyWay – European ITS Services

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The iMobility Forum (former eSafety Forum)

- Multi-stakeholder Forum focusing on deployment of iMobility
- Exists as it adds value in the sector and to the stakeholders
- Proven record of achievements from the WGs

New Focus

- The iMobility Forum, now encompasses smart and clean mobility in addition to safety on European roads
Research and Development FP7 & CIP Projects

ICT for Transport
EC funding 272.9 M€

Cooperative Systems
- COMeSafety2
- eFrame
- Rosatte
- Intersafe2
- Nearctis
- Pre-Drive
- P3ITS
- COSMO
- Co Cities
- GeoNet
- Studies

Field Operational Test
- Drive C2X
- TeleFOT + inco
- euroFOT
- FOT-Net 1+2
- FOTsis
- ITSSv6
- Festa

Supporting activities
- iCar Support
- iCars Network
- eSafety Challenge
- SCVP
- ECOSTAND
- eMAPS

EC funding 49.4 M€
EC funding 6.4 M€

Green Mobility
- eCoMove – Elvire – Ecogem
- IFM project – Europtima – iTetris
- Sunset – PowerUp – In-Time
- SmartV2G – Roadidea – Inco
- SuperHub – EcoNav – Amitran
- eCOMPASS – Modum – Satie
- ICT-EMISSIONS – ecoDriver
- Decomobil – Carbotraf
- MOBI.Europe – Molecules
- SmartCEM, ICT4EU

EC funding 85.4 M€
EC funding 27.9 M€

Logistics, Freight & Fleet management
- Euridice
- Logistics4life
- SmartFreight
- FREILOT
- iCARGO – REDUCTION

EC funding 66.2 M€

Contribution to Safety
- 2Wide_sense
- Adose
- Have-it – Fnir – ARTIC
- InteractIVe – Mosarim
- ATESS2 – Minifaros
- eValue – Saferider
- ActiveTest – HeERO
- 79GHz

EC funding 12.2 M€

Security & privacy
- Evita
- Oversee
- Preserve
- Preciosa

Running projects
Completed projects
Under negotiation

Juhani Jääskeläinen 2011
ICT Work programme 2013
Building bridge towards Horizon 2020

- ICT for Transport: Use of Smart Systems together with integration technologies.
  Focus on:
  - Automated Driving
  - Optimization of mobility in smart cities
- EGCI (European Green Car Initiative):
  - Strong focus on integration
  - Advanced System Architectures for FEVs
  - Comprehensive Energy Management Systems

UNDER DISCUSSION!

Juhani Jääskeläinen 2011
Towards Zero Fatalities
Integrated Approach

- Co-operative Systems
- Automation
- Smart Connected Electro-Mobility
- Future Internet Technologies
- New virtual mobility concepts

Juhani Jääskeläinen 2011
Conclusions

- ITS as a policy tool
  - Transport
  - Innovation
  - Global competition
- European development and deployment
- Energy-efficiency
- Future internet
- Cooperative systems
- Proactive network operation
- Towards automation