



# Deployment Issues questionnaire report

6-7 December 2007  
Lisbon, Portugal

# [ Caption



<b><i>Questionnaire topics</i></b>	<b><i>Color</i></b>
<b>No activities or no progress in the field or hurdles to deployment.</b>	<b>Red</b>
<b>No specific activities or progress in the field, but related activities which have/could have positive influence in the specific field.</b>	<b>Yellow</b>
<b>Good level of activities or progress in the field or possible best practises.</b>	<b>Green</b>
<b>N/A</b>	<b>-</b>
<b>Field not reported on the questionnaire</b>	<b>Grey</b>



# [ List of Country Acronyms



<i>Acronyme</i>	<i>Country</i>
<b>AU</b>	<b>Austria</b>
<b>BE</b>	<b>Belgium</b>
<b>CY</b>	<b>Cyprus</b>
<b>CZ</b>	<b>Czech Republic</b>
<b>DE</b>	<b>Germany</b>
<b>EE</b>	<b>Estonia</b>
<b>ES</b>	<b>Spain</b>

<i>Acronym</i>	<i>Country</i>
<b>FI</b>	<b>Finland</b>
<b>FR</b>	<b>France</b>
<b>HU</b>	<b>Hungary</b>
<b>LV</b>	<b>Latvia</b>
<b>NL</b>	<b>The Netherlands</b>
<b>RO</b>	<b>Romania</b>
<b>SL</b>	<b>Slovenja</b>



# [ Synoptical view of the results for the Deployment Issues Questionnaire



<b>Questionnaire topics</b>	<b>AU</b>	<b>BE</b>	<b>CY</b>	<b>CZ</b>	<b>DE</b>	<b>EE</b>	<b>ES</b>	<b>FI</b>	<b>FR</b>	<b>HU</b>	<b>LV</b>	<b>NL</b>	<b>RO</b>	<b>SL</b>
<b>Incentives for eSafety systems</b>	Red	Red	Red	Red	Red	Red	Red	Red	Red	Grey	Red	Red	Red	Red
<b>Insurance for eSafety systems</b>	Green	Red	Red	Red	Red	Red	Red	Green	Red	Grey	Yellow	Yellow	Yellow	Red
<b>Regulations promoting eSafety</b>	Red	Red	Red	Yellow	Green	Green	Green	Green	Red	Green	Red	Green	Red	Yellow
<b>Compulsory eSafety systems</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Awareness campaigns</b>	Red	Green	Green	Yellow	Green	Red	Green	Green	Grey	Grey	Red	Green	Yellow	Green
<b>Awareness actions</b>	Green	Green	Red	Grey	Green	Yellow	Green	Green	Green	Grey	Red	Green	Yellow	Green
<b>Studies on effects carried out</b>	Green	Green	Red	Green	Green	Red	Green	Green	Grey	Grey	Red	Green	Yellow	Green
<b>Studies on effects planned</b>	Green	Grey	Red	Green	Green	Yellow	Yellow	Green	Grey	Grey	Red	Green	Red	Green
<b>Studies to be carried out in FP7</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Regulations hindering deployment</b>	Red	Red	Green	Green	Red	Yellow	Green	Green	Red	Grey	Grey	Red	Grey	Red

Compiled by Dr Alessandro Carrotta ([a.carrotta@esafetysupport.org](mailto:a.carrotta@esafetysupport.org)) - eSafety Support  
 Based on the eSafety National Observers Questionnaires  
 November 2007



# [ Incentives for eSafety

## TAX INCENTIVES

- Still incentives are limited to tax reductions for pollution (RO)
- AU, BE, CY, CZ, DE, EE, ES, FI, FR, HU, LV, NL, SLO reported that no incentives at all are used or considered



# [ Insurance schemes for eSafety

## Best Practises

- AU reported of “SafeLine” (UNIQA-Company): vehicle with an eCall-System (crash sensor and emergency button), including a Car-Finder and a transmitter system for the driven kilometres, allow the customer to get a benefit of up to 25%.
- DE: insurance incentives for trucks (Daimler, Allianz, Dekra)
- NL: black-box-like system (Pay As You Drive)
- FI: this happened in early years of ABS and in some cases with car security products

## Other info about insurance schemes in the EU

- In some countries (RO) there are negotiations with insurance companies to allow lower insurance cost for vehicle equipped with eSafety systems
- LV reported about a lower insurance scheme for cars with burglar alarm system
- EE, ES: price of the insurance related to value of the vehicle, then more safety systems turn into higher insurance payments

## Countries with no insurance schemes

- BE, CY, EE, SLO reported that no eSafety systems-related insurance schemes are deployed or under study



# [ Regulation promoting eSafety



## Best Practises (on eSafety and safety in general)

- EU-wide: blind-spot monitoring for trucks
- CZ: national standard for TTI issued by Czech telematics association was issued in 2004
- DE: guidelines fro Dynamic Traffic Management and RTTI
- EE: “National Traffic Safety Program” includes eSafety solutions
- ES: normalization of the obligatory use of in-vehicle speed control systems and adaptive head lights
- FI: law for alcoholock trials
- NL: brake assist regulation is being considered, alcoholock regulation is proceeding

## Countries including eSafety in future regulation

- HU: White book in elaboration identifying priorities for the ITS development
- SLO: Plan for ITS deployment

## Countries including eSafety in future regulation

- No specific regulation for eSafety systems within general strategies to decrease the number of incidents on roads (RO)
- AU, BE, CY reported that no regulation exists to favour the introduction of eSafety Systems
- LV does not have the eSafety concepts introduced yet



# [ eSafety priority systems to be made obligatory as standard equipment



Systems	A	B	CY	CZ	DE	EE	ES	FI	FR	LV	NL	RO	SL	Total
Adaptive Head Lights	█		█			█				void				3
Blind Spot Monitoring	█									void				1
Dynamic Traffic Management			█	█						void			█	3
eCall		█			█		█	█		void	█	█	█	7
ESC	█	█			█		█			void	█		█	6
Extended Environmental Information				█						void			█	2
Lane Departure Warning	█	█				█				void				3
Local Danger Warning										void			█	1
Obstacle and Collision Warning	█		█			█				void				3
RTTI	█	█								void		█	█	4
Speed Alert		█	█			█		█	█	void	█	█		7

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# [ Awareness: campaigns



- **Specific Campaigns:**

- eCall (CY)
- ESC: “Choose ESC!” and other actions (NL, DE, ES)
- Dynamic traffic management (SLO)
- Speed alert (SLO)
- Media coverage of RTTI (DE), Dynamic Traffic Management (DE), and Navigation systems (BE, DE)
- Anti alcohol campaign (SLO)
- “Intelligent Traffic” exhibition at EUREKA science centre (FI)
- 112 (SLO)
- Campaign about mobile phone usage when driving (FI)

- **ITS local initiatives**

- RO
- ES



# [ Awareness: other actions

- eCall (CZ)
  - PSA technology-based emergency call system (FR)
- ACC:
  - Part of the campaign for keeping security distance (ES)
- LDW:
  - LDW/ACC pilot test of government agency and a lease company (NL)
- RTTI
  - Broadcasters promote user awareness (DE)
  - via national motorway operator ASFINAG (AU)
  - System and information providers and government agencies joined efforts to optimize the use of navigation systems (NL)
  - RDS/TMC used for demonstration purposes in Finnish Road Administration 's cars (FI)
- Speed Alert/ISA
  - ISA in all official vehicles at city (BE)
  - Pilots on Speed Alert/ISA combined with speed limiters and black boxes get the attention of the media (NL)
  - Pilot project with taxi companies, together with FCD (FI)



# [ Awareness: other actions

- General European Success of Nomadic Navigation System Devices (low price)
- eSafety in the press (DE, EE, ES)
- eSafety Conference (DE)
- ES: Creation of a National eSafety Forum in ES
  - eCall
  - HMI
  - IRM
  - Awareness
- ES: speed reduction campaign (speed limiters in vehicle as option)
- Fleet management control systems (SLO)
- ITS local initiatives (RO)



# [ eSafety Systems effects studies carried out in the last 3 years



1  
2

- **11 eSafety Priority Systems**

- Impact of eCall on accident consequences (FI)
- Pilot project for a future introduction of an efficient E112 call (AU)
- XFCD (BE:18 month test in Antwerp region)
- Speed Alert: small scale study (NL), ISA in Finland (FI)
- Traffic Management Systems before-and-after studies (DE), TMS application effects (SLO)

- **Other eSafety topics**

- Studies within eSafety research programme (AU, RO)
- Potential safety impacts of in-vehicle information services
- Safety effects of variable speed limit systems (FI)
- Analysis of speed control (points vs. section) (SLO)



# [ eSafety Systems effects studies planned



- **11 eSafety Priority Systems**
  - (Dynamic) Traffic management (AU), organisation and legal procedures for TMS (SLO)
  - eCall (ES, SLO)
  - Lane Departure Warning (ES)
  - Large scale implementation of Local Danger Warnings is planned for 2008 (NL)
  - ESC (ES, NL)
  - Safety impacts and HMI aspects of RTTI services (FI)
  - Adaptive Speed Control (SLO)
  - XFCD (AU)
- **Other eSafety systems**
  - FOT on cooperative systems (DE), probably co-operative vehicle-roadside systems (NL)
  - Infrastructure-related black spot analysis (SLO)
  - Dangerous goods tracking (SLO)



# [ Impact evaluation studies that should be undertaken

- General request of studies clarifying the effects/benefits of eSafety Systems:
  - Assessment of driver behaviour (AU)
  - FOT to assess cost-benefits of systems (DE, EE, ES)
  - Impact of real time traffic management on road safety (AU)
  - Co-operative systems (BE, CZ, NL, SLO)
  - Navigation Systems + ISA + ACC (NL)
- International Cooperation of eSafety system in connection to cross border and regional enforcement (SLO)
- Business cases of how services are developed, launched, delivered (FI)



# [ Regulation hindering the deployment of eSafety systems

- Personal data protection law (privacy):
  - AU
  - BE
  - DE
  - EE (current discussion on surveillance cameras)
  - NL
  - FR (CNIL needs to authorise large scale XFCD collection)
  - SLO
- Liability:
  - BE
  - NL

