

E SAFETY STUDY PROPOSAL

GENERAL INFORMATION

Title:	eSafety implementation status survey 2007
eSafety Area/Topic:	Implementation of eSafety relevant systems in Member States according the implementation road map
Applicant:	Implementation Road Maps Working Group (chairs)
Launch date (expected) (1) :	5 April 2007
Duration in months (expected) :	4 months

OBJECTIVES / STRATEGY

Justification (2) :

The primary target of the eSafety Forum is to accelerate the deployment and market penetration of eSafety system, but so far no consistent information of the implementation status of the different systems is available. This information is necessary to assess the current status, to identify systems and countries with more successful market penetration, and to create realistic market penetration predictions.

Description of the objectives: To estimate the market penetration and coverage of the 11 priority eSafety systems in all EU member states as well as Norway and Switzerland in 2007 and 2005.

Proposed methods:

Basically on the existing documentation a detailed interview using email-contact, personal contact and interviews as well as telephone contacts to relevant agencies, governmental departments, OEM`s and other private companies which are involved into the marked for eSafety related solutions.

Expected exploitation of results:

- a) identifying best practices in eSafety deployment, and
- b) preparing realistic market penetration scenarios for 2010 and 2020.

Can the results be public? (Yes / No)

Yes

Synergies / collaboration with other eSafety Areas:

All areas will benefit and utilise the results

BUDGET

Estimated amount: 35 000 €

RESULTS OF BIBLIOGRAFIC SEARCH (3)

Within the work of Implementation Road Map group, different sources were checked; a internet search as well as other surveys from other projects (AUTOFORE, DG TREN). No data so far exists at least in the public domain

COMMENTS

Proposal approved by the European Commission and the Steering Group on 27 March 2007

Legenda:

- 1) This is the date of the publication of the Call for Tender or other procurement procedure.
- 2) Explain why you need an external study on the topic. Furthermore, if a similar study has been conducted earlier, specify the need for repeating it and how can the former results serve this new study.
- 3) Describe which search you have conducted, before requesting this study, with a view to avoiding repetition/duplication. Summarise the results of the search. Specify which database/sources you have consulted.

B.2 Terms of Reference Template

eSafety Implementation Status Survey 2007

TERMS OF REFERENCE

Part 1: Technical description

Part 2: Administrative details

Part 1: Technical description

1. CONTEXT

The eSafety Implementation Road Maps Working Group agreed on the following 11 priority systems, the deployment of which should especially be accelerated in order to improve road safety:

Vehicle-based systems

- ESC (Electronic Stability Control)
- Blind spot monitoring
- Adaptive head lights
- Obstacle & collision warning
- Lane departure warning

Infrastructure-related systems

- eCall (automatic in-vehicle emergency call system)
- Extended environmental information (Extended FCD)
- RTTI (Real-time Travel and Traffic Information)
- Dynamic traffic management
- Local danger warning
- Speed Alert

The Working Group estimated the deployment/market penetration of these systems in crude terms for 2005 and for the 15 "old" EU member states. In the summer of 2006, the Implementation Road Maps WG initiated a survey on the deployment and coverage of the 11 priority systems in the 25 Member States plus Norway and Switzerland, but received only responses from five countries and none of these was complete.

2. OBJECTIVES OF THE STUDY

The objectives are to estimate the market penetration of the 11 priority eSafety systems in the 27 Member States plus Norway and Switzerland in the beginning of 2007 and the change of the market penetration from the beginning of 2005. The market penetration is to be described with the following indicators for each country:

Vehicle-based systems + eCall, Extended FCD, RTTI, Speed Alert

- % of equipped cars out of all new cars sold the previous year or
- % of cars having the system as a standard or optional equipment out of all cars sold the previous year

Lane departure warning, eCall, Extended FCD (terminal), RTTI (terminal), Speed alert

- % of all cars equipped with an aftermarket/nomadic system

Road weather monitoring*, Traffic monitoring*, Travel time monitoring*, RTTI services,

Dynamic traffic management and infrastructure based Local danger warnings (* = used for RTTI services):

- % of the road network with frequent traffic problems equipped with the system of sufficient coverage and quality (together with the length of network in km)
- % of the strategic roads in large urban areas (>100,000 population) equipped with the system of sufficient quality and coverage

The best sources for the information are the national eSafety Observers managed by eSafetySupport, the Euroregional projects in the TEN-T/TEMPO programme supported by EC DG TREN and the Implementation Road Maps Working Group report

www.esafetysupport.org/en/esafety_activities/esafety_working_groups/implementation_road_map.htm

3. DURATION

The task should be carried out in 3-4 person months. The study should be started by the end of May and the deadline for execution of the task is 30 September 2007.

4. DELIVERABLES

The following deliverable is required from the contract:

- Final Report of the project
- Powerpoint presentation of the results

After reception of the each report, eSafety Support will have 30 calendar days in which:

- to approve it, with or without comments or reservations,
- to reject it and request a new report.

If eSafety Support does not react within this period, the report shall be deemed to have been approved.

Where eSafety Support request a new report because the one previously submitted has been rejected, this shall be submitted within 30 calendar days. The new report shall likewise be subject to the above provision.

5. Indicators and criteria to assess the quality of the achievements

The following quality indicators will be used to measure the quality of the study performed:

- coverage of systems for new vehicle fleet penetration in 2005 and 2007
- coverage of systems for total vehicle fleet penetration in 2005 and 2007
- coverage of systems for road coverage in 2005 and 2007
- reliability of the quantitative estimates

Part 2: Administrative details

1. Selection criteria

Technical Background

The proof of the relevant technical background of the candidates has to cover the following aspects:

1. Relevant expertise of the candidate and other applicants, including subcontractors if any, in the last 3 years, in the area of deployment of roadside and vehicle ITS
2. Experience and credibility of proposed team: concise but informative curricula vitae of all professional team members, showing relevant experience in the specific domain of this study for the last 3 years, must be included with the tender
3. Technical knowledge and experience in issues related to the deployment of vehicle and roadside ITS
4. Management capability

Documentary evidence of the candidates' claims in respect of the abovementioned criteria is required, for example by way of lists of studies, research, previous projects and contracts etc.

2. Award criteria

Technical criteria

The tenders will be evaluated following the award criteria outlined below producing a total score out of 100%.

1. Understanding of the task required in relation to the tender (20 %)
 - Credibility, control and understanding of the work to be carried out (listed in part 1, points "objective of the study" and "duration"). Through further elaboration in the tender. The candidate should explain the way in which he intends to handle these points.
2. Technical content of the tender (60%)
 - Competitiveness and quality of the technical approach.
 - Degree to which all relevant issues are covered.
 - Quality of the tender in terms of reaching the objectives
 - Quality of deliverables.
 - Degree of innovation of the approach.
3. Management (20%)
 - Verifiable objectives
 - Balanced and consistent method of work.
 - Realistic time scale
 - Adequate allocation of resources and expertise.

Minimum attainment per criterion

Offers scoring less than 50% for any criterion will be deemed to be of insufficient quality and eliminated from further consideration.

3. Deadline for the candidates

The deadline for the tender submission is ~~Friday 27 April 2007~~, **Friday 18 May (deadline extended)** at ~~12h00~~ **18h00** (Brussels time).

The final decision will be taken by **Wednesday 23 May 2007**, communicated to the selected candidate and published on the eSafety Support website.

The tender, plus the documentation that can help to evaluate the quality of the offer, can be sent:

- By email at the following address, specifying the subject "Tender Implementation Status survey "

info@esafetysupport.org

- By post at the following address:

eSafety Support Office
The Blue Tower - 2nd floor
Avenue Louise, 326
1050 - Brussels
Belgium