

Appendix A - eSAFETY STUDY PROPOSAL TEMPLATE

Date of submission

eSafety Support Study Proposal

GENERAL INFORMATION

Provisional Title: eSafety implementation status survey 2007

eSafety Area/Topic: Implementation of eSafety relevant systems in MS according to the implementation road map

Applicant: Implementation Road Maps Working Group (chairs)

Launch date (expected) (1): 9 February 2006

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 market 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

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

Annex I: Exclusion Criteria & Non Conflict of Interests Form

B.2.1 Technical Description

Part 1: Technical description

eSafety Implementation Status Survey 2007

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

- % or 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 2 person months.
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:

- o to approve it, with or without comments or reservations,
- o 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.

B.2.2 Administrative details

Part 2: Administrative details

As in the template