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## 1. Opening

The second meeting of the eSafety Intelligent Infrastructure Working Group (IIWG) was held at eSafety Support Premises, in Brussels (11 December 2008).

Agenda: see attachment

Attendance list: see attachment

The Co-chairs, Rui Camolino on behalf of ASECAP and Paul van der Kroon on behalf of CEDR, in a warm welcome to the participants reminded them that this meeting is part of a long-term cooperation.

A short introduction was given about the objectives of this second meeting, namely:

- the definition more in detail of the drafted version of the Term of Reference;
- the assessment of the definition of Intelligent Infrastructure;
- the presentation to all WG members of some sector studies.

## 2. Acknowledgements

The Chairs highlighted that the membership had been extended. For this reason, they asked the members to actively participate in the debate for effective functioning and invite all members to take their responsibility if necessary in contribute to the deliveries.

Moreover, they flagged that INTRO Project asked to be involved, due the fact that this is a research-project supported by the European Commission with the aim of developing innovative methods for increased capacity and safety of the road network.

## 3. Approval of the draft Minutes (including actions)

The members confirmed the receipt of the minutes of the previous meeting held on 18 September 2008. The Chairs briefed the members about the actions taken on the minutes of the previous meeting. On the remark of Mr Bengt Hollstrom (SRA) about the inclusion of the environment issue, it was underlined that the IIWG will define the elements of a proper intelligent traffic management and therein the adequate priority will be given to the “environment”. The minutes were approved as presented.

## 4. Approval of the Agenda as attached doc

The proposed agenda was adopted as follows:

1. Opening
2. Acknowledgements

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3. Approval of the draft Minutes (including actions)
4. Approval of the Agenda
5. Approval of the Terms of References
6. Presentations (follow by discussion) of eSafety Working Groups on the relation of their activity with the work on IIWG
  - a. Service Oriented Architecture (SOA)
  - b. Implementation Roadmap (IRM)
7. Introduction on the draft definition of Intelligent Infrastructure followed by a Discussion  
Presentation by Frans op de Beek (leader of the subgroup)
8. Introduction of Services relevant for Intelligent Infrastructure:
  - a. According to the 6th framework projects
  - b. According to EasyWay
  - c. Road Administrators/Operators
9. Discussion on relevant service
10. Cross linking of services to Implementation Road Map market: penetration expectations and effects
11. Stock-taking on member-contributions
12. Planned meetings (Thursday 28 of March)
13. AOB

## **5. Analysis of the Terms of References**

Mr Paul van der Kroon opened the session with an overview of the ToR and a focus on the objectives. The document (see annex) with an analysis of the Term of Reference was presented to the participants.

Referring to the Membership in the IIWG, Mr Dionelis (ASECAP) and Mr. Reinhardt (ACEA) raised the importance that within the activities of the IIWG, the infrastructure sector and other industries (namely, the automotive sector) should cooperate, acting in parallel, complementing each other and avoiding overlapping.

In addition to this way of working, the draft work programme suggested a schedule for a future joint meeting with the automotive sector, which should result in a joint WG “white paper”.

The meeting agreed upon the ToR as read

Mr. Van der Kroon presented the line of working within the Working group. With some amendments the meeting agreed with the proposed line of working.

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**6. Presentations and discussion on eSafety Working Groups on the relation of their activity with the work on IIWG**

**a. Service Oriented Architecture (SOA)**

**b. Implementation Roadmap (IRM)**

Mr. Sansone (Oracle EMEA), on behalf of the Service-Oriented Architectures Working Group, presented the SOA characteristics, namely: definition, key terminology, use cases and the WG current status. In addition, Mr Kulmala (VTT Rakennus) showed a presentation related to the Implementation Roadmap.

No comments were made on these presentations.

The chairs stress the fact that both presentations contribute very well to the line of working within the Working group and to seek for the services to be elaborate on.

**7. Introduction on the draft definition of Intelligent Infrastructure followed by a Discussion (see annex)**

**Presentation by Frans op de Beek (leader of the subgroup 1)**

A presentation was shown about the elements for the definition, the context in which it must be read and the characteristics it was based on.

The definition as such was both complex and ambiguous and the common understanding was that further analysis was needed on this point together with other elements of the document, mainly the interaction between the 3 angles of the usual triangle (user, infrastructure, vehicle) and the cooperative systems used.

The common understanding was that things were just getting started for this Group, because further details needed to be added. A common agreement was necessary for all the elements and the terminology used for the definitions to be developed. The Group should analyze all the parameters and finally should concentrate on what concerns road operators, road authorities, automotive industry, efficient data gathering and provision of liable/reliable users' information services. Other added value services could be a part of the future orientations. Technical issues and terms would be also needed and on the matter Mr Lepert (LCPC) suggested to take into consideration also the term: "back office" in the roadside definition.

Rui Camolino referred he though the definition to be too much broad and that it should be focused. As an example he referred that the value added services could be envisaged as services that must exist, but not necessarily within the scope of the intelligent infrastructure. In his opinion, services that do not require a specific fixed infrastructure to assure the required levels of service should not be

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considered within the scope of IIWG. It was stressed that this does not mean that those services that will not be considered are not important, but only that priority levels must be considered and operators must have their safety critical

Finally it was agreed that the Subgroup 1 on the definition would finalize its work with some small amendments to the draft definition, reflecting the discussion. Secondly a new subgroup (Focus on Infrastructure) will be set up to elaborate on what elements of the definitions this Intelligent Infrastructure Working group would focus itself in order to deliver the outputs as state in its Terms of Reference.

- 8. Introduction of Services relevant for Intelligent Infrastructure:**
- a. According to the 6th framework projects**
  - b. According to EasyWay**
  - c. Road Administrators/Operators**

Mr Pfliegl (Austriatech) reported on the Coopers (cooperative Systems for Intelligent Road Safety) project. Mr. Ferreira, (European Commission), informed the participants that on 11/12 May 2009 at Helmond (The Netherlands) there will be a demonstration of the 3 FP-6 Cooperative Systems Projects, Coopers, Safespot and CVIS, and a workshop in occasion of the annual review of CVIS.

Various comments and recommendations were made on the process from the data acquisition to the data management. In the exchange of views it was agreed that the group should always take into account the difference between data gathering and provision of pre (and on) trip information to the final user (the driver). This information would be an excellent tool for a better traffic management.

It was stated that the main action regarding the driver is that, first is given the information and after is given the advice.

Mr. Camolino forwarded to the participants an overview on the results coming from the effort to sum up in a matrix the common elements of projects like Coopers, CVIS, Safespot, and to take them into account in the EasyWay.

Some convergences were listed, identified and explained.

An extensive discussion followed, concerning the necessity of a further common effort in analyzing differences between services in order to provide both reliability and liability.

Mr. Camolino proposed, and the members agreed, that other representatives from different projects of direct IIWG interest would be asked to join this WG.

A list of them will be submitted to the WG.

Mr. Arditi (SINA), on behalf of Mr Boussuge (ASFA), presented the work produced on EasyWay services (action 0809-11).

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Mr. Camolino stressed the fact that within the EU ITS Action Plan a close cooperation is foreseen with the EasyWay program, being today the main European Deployment tool for the Action Plan. In this respect he was happy to announce that during the EasyWay Taormina Conference (14-16 October 2008) it was agreed that there would be a link between EasyWay and IIWG, Mr. Kulmala (VTT and Chair of the project group within EasyWay that deals with ICT Infrastructure) will represent the EasyWay Project inside the IIWG

## 9. Discussion on relevant service

Mr Paul van der Kroon showed a flow-chart on relevant services evolution as foreseen by CEDR. Special attention was paid to the approach of the IIWG that should be addressed taking into account the services to be provided by the road infrastructure sector.

## 10. Cross linking of services to Implementation Road Map market penetration expectations and effects

There are already several sets of criteria and monitoring processes to be analysed.

## 11. Stock-taking on member-contributions

Chairs invited members to submit specific project proposals or topics for discussions or presentations.

In view of the above facts, the Chairs inform that the following two subgroups are created: in order to:

**Subgroup 2 (infrastructure)** This group will focus on what elements of the *Infrastructure will be taking care of –given the definition as is create by subgroup 1 (definition)- within the work foreseen in IIWG*: Leader: Rui Camolino (ASECAP), with the following members – Bengt Hallström (Vägverket) – Fulvio Sansone (Oracle) – Luís Osório (ISEL) – Marko Jandrisits (ASFINAG) – Wolfgang Reinhardt (ACEA) – Kallistratos Dionelis (ASECAP).

**Subgroup 3 (Services);** This group will focus on the *service that have to be delivered within the cooperative system seen by IIWG*: Leader: Risto Kulmala (VTT), with the following members – Fulvio Sansone (Oracle) –René Jacobs (BRRC) – Reinhard Pfliegl (Austriatech) – Frans Op de Beck (TNO) – Roberto Arditì (SINA) – Olivier Lenz (FIA) – Melanie Kloth (Polis).

Mr. Roberto Brignolo or Mrs Luisa Andreone will be asked to join this group.

The agreement is made that the Reports of the subgroups should be made available by their leaders by the 1st March to the IIWG Co-chairs.

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## 12. Planned meetings

The Working Group decides to have their meetings the day after the meeting days of the Steering Group Meetings of the e-Safety Forum; consequently next planned meetings will be held on 11Mar09 at 10H00.

Other planned meetings will be held on 17 June, 7 October, and 16 December.

## 13. AOB

The meeting ended with a vote of thanks to the Chairs.

The present draft minutes (issued with the approval of the 2 Chairmen) are transmitted to all the IIWG members as per the list enclosed.