

eSafety Forum Working Group RTD

eSafety Forum Plenary Meeting, Brussels, 3 May 2006

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Information Society
and Media



eSafety Forum: 5th Plenary, 3rd May 2006, Bruxelles, U Palmquist, slide # 1

eSafety Forum Working Group RTD

□ Motivation

WG RTD is the body handling the R&D “perspective” and activities of the eSafety Forum domain.

□ Tasks

- Identify, vertical and horizontal, R&D issues of the eSafety Forum domain
- Formulate R&D strategies and agendas
- Review R&D actions and plans for sound system approach and consistency
- ...

□ Reporting

- WG RTD reports to the eSafety Steering Group and Plenary

Past Activities --> 2005

- Survey, characterising and listing of eSafety R&D activities on the levels of;
 - Regional
 - National
 - European.

- Identified Priorities and Recommendations for R&D projects and demonstration activities.

- Status and Progress Report at eSafety 4th Plenary, Hannover 2nd June 2005.

Present & Future Activities of the WG RTD (2006 -->)

□ Re-launch of WG RTD:

- WG RTD was on a “mid-term vacation” during 2005
- Revitalisation of the WG RTD during first half of 2006 regarding:
 - Objectives and Tasks
 - “Role” vs. eSafety Forum, Intelligent CAR Initiative, FP7
 - Members, their “distribution” and “contribution”.

Present & Future Activities of the WG RTD (2006 -->)

□ Objectives

- WG RTD will serve as the “Strategic & Progressive” R&D body of the eSafety Forum and support its R&D activities (Intelligent CAR Initiative, etc)
- Act as the “catalytic meeting place” between
 - Industry
 - Road Operators/Administrations
 - Research Community
 - EU - National Representatives
 - ...in coming to consensus and agreeing on priorities for eSafety Research as well as for demos and deployment support measures.

Present & Future Activities of the WG RTD (2006 -->)

□ Immediate Tasks

- Assist in consensus building of inputs to FP7 Workprogram
- Harmonise and build an over-all “picture” of the outcomes of the DG InfoSoc 5 consultation Workshops on:
 - Intelligent Vehicle systems
 - Cooperative Systems
 - Mobility Services for People
 - Mobility Services for Goods
 - Field Operational Tests.

Present & Future Activities of the WG RTD (2006 -->)

□ Immediate Tasks (cont.)

- Security will additionally also be included as R&D topics structured as;
 - o embedded into the technical system
 - o functions for dedicated security purposes, e.g Freight & Goods.
- Based on outcomes of above consultation activities;
 - Propose a research agenda for eSafety in FP7 and Intelligent CAR Initiative
 - Open Consultation of proposed research agenda, summer 2006.
- Produce Final Proposal on Strategic Research Agenda for eSafety incorporating the outcome of the Open Consultation. (Report at eSafety Forum November 2006)

Present & Future Activities of the WG RTD (2006 -->)

□ “Baseline Tasks”

- Support, Monitor and Review the Implementation and Outcome of the Strategic Research Agenda
- Survey and support the activities and their synergies at National and EU level
- Promote the R&D contribution to the
 - achievement of Safe & Secure Road Traffic and Transport
 - global competitiveness of the EU Industry

So What are the Major Topics of eSafety WG RTD?

- Intelligent Vehicle systems
 - On-board active safety systems
 - HMI
 - Links to Passive Safety
 - Cars - Buses - Trucks - Two wheelers
 - ...

- Cooperative Systems
 - Road Safety - Traffic Efficiency - Environment Dimension
 - Business - Deployment case considerations
 - ...

- Mobility Services for People
 - Congestions
 - Predictability
 - ...

So What are the Major Topics of eSafety WG RTD? (cont.)

- Mobility Services for Goods
 - FFM systems (enhanced)
 - Urban goods distribution systems
 - ...

- Field Operational Tests
 - Real traffic environment tests
 - “Cost/benefit” evaluation/ assessments
 - Deployment aspects
 - ...

- Security
 - Default & embedded into technical systems(e.g. secure V2I, V2I communication, ...)
 - Security functions in itself; e.g Goods transport, ...
 - System perspective on security systems:
Sensing, Fusion, ..., Alarming, ..., Tracking, ...

Re-launching the WG RTD (under completion): Membership Characteristics

Member State Dimension;

Austria, DE, EU (Associations), FIN, FR, ,NL, IT, SE, Spain, Tjecien, Slovenia, UK, ...

Sector Dimension;

Authorities; Road Operators; Two Wheelers, Car and Commercial Vehicle Manufacturers; Automotive - Electronic Suppliers, Research providers and institutions, ...

Thank You for Your Attention!



Following slides are back-ups!!