

Research and Technical Development (RTD) Working Group

The development of the Intelligent Vehicle Safety Systems still requires further RTD in a number of technologies. One key task is to determine the priorities for additional research based on analysis of accident causes and traffic efficiency parameters, as well as the expected impact of potential ICT systems and their foreseen market penetration.

A major responsibility of the RTD WG is to identify and formulate the priorities for further ICT research regarding the safety and efficiency of mobility and road transport. Coordinating with the national research programmes and promoting the European Research Area (ERA) is a must, and reinforcing overall international cooperation efforts is also paramount. As a contribution to the EC's FP7 work programme on ICT for Mobility, the WG issued a report in November 2006 that included stakeholder recommendations.

Objectives

- Identify and formulate - both vertically and horizontally - R&D issues of the eSafety Forum and "Intelligent Car Initiative" and create corresponding R&D strategies and agendas
- Review R&D actions and plans for sound system approach and consistency
- Act as the "catalytic meeting place" between industry, road operators & administrations, research community, and EU and national representatives to reach consensus and agree on priorities for eSafety research, demonstrations and deployment support measures

Main Achievements

In 2006, the WG issued the Strategic Research Agenda ICT for Mobility (SRA) which incorporates the results of the EC services' consultation process with the research community on future RTD needs. More than just a guideline for the EC, the SRA document is a programme for the industry, universities, research labs and other key actors. It was adopted by the eSafety Forum in November 2006.

Future Activities

The RTD WG is now focusing on the following topics:

- Overview of first Call proposals and what can be expected of on-going research
- Additional R&D needs beyond existing and future programmes
- Field Operational Tests: How to link EU and Member State activities?
- Intelligent vehicles and roads as lead market initiative: R&D dimension
- International contacts and collaboration: relevant issues

It is also scheduled to provide input to the ICT FP7 Work programme 2009-2010, as well as define priorities on its topics and calls regarding impact, functions, systems, and technologies. In addition, it will monitor and advise on ICT Field Operational Test activities on the EU and national levels.

Intended Stakeholders

- Automotive industry
- Universities
- Research institutes
- National and urban authorities
- Safety authorities
- Road operators and administrations

Chair

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