Final Conference

eIMPACT

Introduction

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eIMPACT Introduction

1. Objectives

2. Partners

3. Overview of work

4. What to expect today
Objectives of eIMPACT

- Socio-economic impact assessment of IVSS
  - Identify the most promising stand-alone and co-operative IVSS technologies
  - Develop market penetration scenarios for IVSS
  - Estimate impacts on traffic safety and efficiency, carried out a cost-benefit analysis for 2010 & 2020

- Perspectives on the market introduction of IVSS
  - integrating the input from the impact analysis, policy options and stakeholder roles

- Geographical Scope:
  - Europe → EU-25
Steps in eIMPACT

- System selection & specification
- System Penetration rates 2010 & 2020
- Accident Data Structure and Trend
- Safety Impact
- Traffic Impact
- CBA
- Policy Options
- Stakeholder Analysis
eIMPACT principles

- Analyses are based on most recent empirical results, literature review and expert judgment
- Bases of findings are transparent
- Results can be improved when new findings (FOTs, driving simulator, test track) are made available.
# Systems recommended for in-depth assessment

See conference package

1. Electronic Stability Control  ESC
2. Full Speed Range  FSR
3. Emergency Braking  EBR
4. Pre-Crash Protection of Vulnerable Road Users  PCV
5. Lane Change Assistant (Warning)  LCA
6. Lane Keeping Support  LKS
7. NightVisionWarn  NIW
8. Driver Drowsiness Monitoring and Warning  DDM
9. eCall (one-way communication)  ECA
10. Intersection Safety  INS
11. Wireless Local Danger Warning  WLD
12. SpeedAlert  SPE
Overview Impact Assessment eIMPACT

Traffic

Safety

Cost-benefit
Stakeholder Analysis

- Address limitations of CBA in a multi-stakeholder environment
  - Need to determine where costs and benefits accrue
  - Examine macro-economic impacts (production, income, employment) and income distribution effects that are not taken into account in CBA

- Stakeholder analysis addressed system users, the automotive and the insurance industry and public authorities
Policy Options

- Which options are available to stakeholders for accelerated deployment of IVSS?

- Policy implementation strategies incorporating stakeholder perspectives
What to expect today?

- Presentation of findings
- Explanation of methodologies used
- Interpretation of results
- Integration and Way forward
For further information: www.eimpact.eu

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