The IMPROVER study

Summary of results and recommendations

http://ec.europa.eu/roadsafety
The IMPROVER study

Commissioned by the EC 2004 - 2006

- SUVs and multipurpose vehicles
- Safety aspects of light vans
- Cruise control
- Harmonisation of fixed road signs and road markings on the TEN-T Road Network
4th sub-report: road signs and markings

Who and why

- Technical Research Centre of Finland (VTT)
- + 6 research institutes in partnership
- 70 000 km TEN-T road network
- 5000 fatalities/year (2002)
4th sub-report: road signs and markings

4 clusters of proposed action
- measures for harmonisation on short-term
- measures on short-term but more analysis needed
- measures for long-term
- measures possibly for the long-term but research needed
4th sub-report: road signs and markings

First cluster: short-term

- Mapping of TEN-T roads
- Harmonising exit count-down signs and retro-reflective road markings
- On-line information on European road signs
4th sub-report: road signs and markings

Second cluster: short-term needs more analysis

- Increased presence of **E-road numbers** and **exit numbers**
- Consider updated Vienna Convention on
  - Direction sign positions at intersections
  - Maximum number of destinations and letter size on direction signs
  - Road numbers as a destination
4th sub-report: road signs and markings

Third cluster: long-term

- Harmonisation of **profiled road markings** and **night-time visibility** of road markings
- Promote road safety audits
4th sub-report: road signs and markings

Fourth scenario: long-term needs more analysis

- Consider further research – 14 road sign aspects
Thank you for your attention!