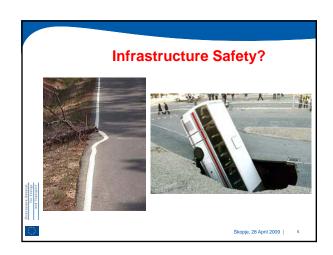


Focus on Road infrastructure: Today's main problems Decreasing budgets for road infrastructures vs. more attention to the level of safety of roads Inability of "old" roads to absorb the increasing traffic "High risk road sections" (even on modern roads!) Various levels of responsibility within each Member State (inefficient organisation) Heterogeneous signs, signals, road markings, road side features (even in a single Country!)

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Road Infrastructure Safety Management: Objectives

Scope: the trans-European road network (about 90.000 km) ...

- ... To bring about a common high level of safety of roads in all EU Member States
- ... To ensure that safety is integrated in all phases of planning, design and operation of road infrastructure
- ... To use the limited funds for more efficient construction and maintenance of roads

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A coherent package of measures

- Safety Impact Assessment (new roads predesign phase)
- Safety Audits (new roads design, construction & early operational phases)
- Network Safety Management management of "High accident concentration sections" (existing roads)
- Safety Inspections (existing roads)

EU Legislation adopted on 19 Nov. 2008, in force by 19 Dec. 2010 (Directive 2008/96)

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Direct Impact on Safety

- 600 fatalities and 7000 injury accidents per year if applied on TEN roads *
- 1.300 fatalities per year could be saved if the safety management would be applied to the main road network in the EU *
- According to the monetary estimations of the White Paper, this corresponds to 5 billions €per year

* Font: Thematic network ROSEBUD

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Timing

- By Dec. 2010: Member States will have to "bring into force the laws, regulations & administrative provisions necessary to comply with this directive. They shall forthwith communicate to the Commission the text of those provisions";
- By Dec. 2011: Member States will have to adopt "guidelines in order to support the competent entities" (i.e. public or private organisations involved in the implementation of the Directive);
- Ditto for adopting curricula for auditors.

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And also ...

- Exchange of knowledge & best practices (to be organised by the Commission)
- Adaptation of annexes to technical progress: "the Commission shall be assisted by a Committee" (regulatory procedure)
- NGOs may be consulted on technical issues



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Which procedures?

Detailed content of the procedure is left to Member States:

- Those who already have a well established procedure shall use it,
- Those who have no procedure shall,
 - > either set up their own procedure,
 - > or adopt the procedure from another Member State,
 - or use the procedure recommended by a RTD project recently completed (RIPCORD-ISEREST*)
 - http://oc.ouropa.ou/transport/road_cafety/publications/projectfiles/ripeard_iserest_on.htm



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Thematic networks funded by EC in the field of Infrastructure Safety

- IASP Identification of Hazard Location and Ranking of Measures to Improve Safety
- ROSEBUD Road Safety and Environmental Benefit-Cost and Cost-Effectiveness Analysis for Use in Decision-Making partnet.vtt.fi/rosebud/
- EuroRAP II European Road Assessment Programme www.eurorap.org
- FORMAT Fully Optimised Road Maintenance www.rws.nl/rws/dww/home/format/
- IMPROVER Impact Assessment of Safety Measures for Vehicles and Road Equipment

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Thematic networks funded by EC in the field of Infrastructure Safety

- RIPCORD/ISEREST Road Infrastructure Safety Protection
 - www.ripcord-iserest.com/
- RANKERS Ranking for European Road Safety www.rankers-project.com/
- IN-SAFETY Infrastructure and Safety www.insafety-eu.org/
- RISER Roadside Infrastructure for Safer Roads www.riser-project.com/
- EURO AUDITS European Road Safety Auditor Training Syllabus

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Websites on Europa http://ec.europa.eu/...

- Commission transport website
 - ... transport/index_en.html
- Road safety section
 - ... transport/road_safety/index_en.htm
- CARE (the EU road accident data base)
 - ... transport/care/index_en.htm
- Charter
 - ... transport/road_safety/charter.htm

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Thank you for your attention!

