SafetyNet
Developing the European Road Safety Observatory

Pete Thomas
Vehicle Safety Research Centre
Loughborough University
UK

Project co-financed by the European Commission, Directorate-General Transport & Energy

http://safetynet.swov.nl/
Road Safety Priorities – National Level

- Counting crashes, fatalities and casualties
- Monitoring the progress of casualty reduction actions
- Identifying overall priorities for safety countermeasures
- Allocation of resources
In-depth Data to Support Policy – Highway Design

• Highway design requirements
• System interactions eg vehicle and barrier
• Requirements for ITS
In-depth Data to Support Policy – Road Users

- Effectiveness of enforcement measures
- Understanding driver decision making
- New priorities in accident prevention
In-depth Data to Support Policy – Active and Passive Vehicle Safety

- Effectiveness of existing regulations
- Technical development of new requirements
- New priorities in regulation
- Assessment of non-regulatory activities e.g. Euro-NCAP
- Support for Industry – new products and technologies
Accident data is an essential part of casualty reduction

- Priority setting
- Monitoring, feedback and evaluation
- Technical development of new actions
- Government - policy support
- Industry - product development
What are the different levels of accident data

<table>
<thead>
<tr>
<th>Level</th>
<th>Availability at EU level</th>
<th>Functions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base Level</td>
<td>CARE, IRTAD</td>
<td>Priorities, Trends, Progress to targets</td>
</tr>
<tr>
<td>Intermediate level</td>
<td>No</td>
<td>Identification of blame, Reconstruction of pre-crash events</td>
</tr>
<tr>
<td>In-Depth level</td>
<td>Pendant for injury causation, Nothing for accident causation</td>
<td>Accident causation, Injury causation, Basic research, Engineering feedback, Technical standards</td>
</tr>
<tr>
<td>Specialist</td>
<td>Various research studies</td>
<td>Specific research questions</td>
</tr>
</tbody>
</table>

No single database can meet all needs
EC White Paper 2001

European transport policy for 2010: time to decide
5.6.5. **European road safety observatory**

The Commission intends to set up a European road safety observatory within the Commission as a pilot project funded from the EU budget. This observatory will coordinate all Community activities in the fields of road accident and injury data collection and analysis. Accommodating
What is SafetyNet?

- Integrated Project to build the data framework of the Observatory
- Primarily directed to EU and national level road safety policymaking
- Infrastructure safety
- Support to eSafety initiative
Organisations involved

**Partnership**

- **21 Partners**
- **18 Countries**

**Project Steering Committee**

- Vehicle Safety Research Centre, Loughborough University, UK
- National Technical University of Athens, Greece
- Centre d'Etudes Technique de l'Equipement du Sud Ouest, France
- SWOV Institute for Road Safety Research, Netherlands
- Institut National de Recherche sur les Transports et leur Sécurité, France
- Institut Belge pour la Sécurité Routière, Belgium
- Instituto Nacional de Engenharia Civil, Portugal
- Medical University of Hanover
Work Package overview

- Policy Makers (National Administrations)
- Consultation with Data Users

SafetyNet IP Steering Committee

- Macroscopic data
  - WP 1 CARE
  - WP 2 Risk-Exposure data
  - WP 3 Safety Performance Indicators

- In-depth data
  - WP 4 Independent accident investigation recommendations
  - WP 5 In-depth Fatal Accident and Accident Causation databank
  - WP 6 EU Safety Information system

- Data application
  - WP 7 Data analysis and synthesis
External Links

**Policymakers**
- EU and national level
- High Level Group on Road Safety

**Special Groups**
- National representative working groups on CARE and SPIs
- EC infrastructure and eSafety initiatives
Dissemination

- SafetyNet results and deliverables will be disseminated regularly during the project lifetime
- Several workshops will be used for a wider discussion of the SafetyNet methodologies
- A second conference will be organised in May 2008 to show the results of the project
- Watch the website for details

[Links]
www.safetynet.swov.nl
www.erso.eu
Summary

- SafetyNet is a large ambitious project
- 1 May 2004 Start
- For the first time it brings a broad ranging, co-ordinated set of accident data together
- When established it will become an EC core activity
- Wide support to road safety policy, new resources for infrastructure and eSafety
Contact

Pete Thomas
Vehicle Safety Research Centre
Loughborough University
Loughborough, UK
p.d.thomas@lboro.ac.uk

http://www.vsrc.org.uk
http://safetynet.swov.nl