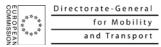




Development of the European Road Safety Observatory Work Package 4 – « Decision Support »

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Transport Research Arena Europe Athens, Greece, April 23-26 2012





2 main activities:

- Forecasts of fatality trends up to 2020

- Tools facilitating access to scientific information

- ... in liaison with National Experts



FORECASTS



Objectives/characteristics:

Based on risk: Fatalities = Mobility * Risk
 (log Fatalities = log Mobility + log Risk)

- Aim: Facilitate target setting
- !Assuming continuation of past developments!
- ... and for different mobility scenarios



Example:

	Vehicle kilometres (billions)	Fatalities
Situation 2008:	76	679
Prediction for 2020 assuming:		
Continuation of development	96	378
Stronger growth	110	432
Lower growth	83	331

Forecasts for Austria based on different mobility scenarios (predicted mobility value +/- one standard deviation).



TOOLS FOR ACCESSING INFORMATION

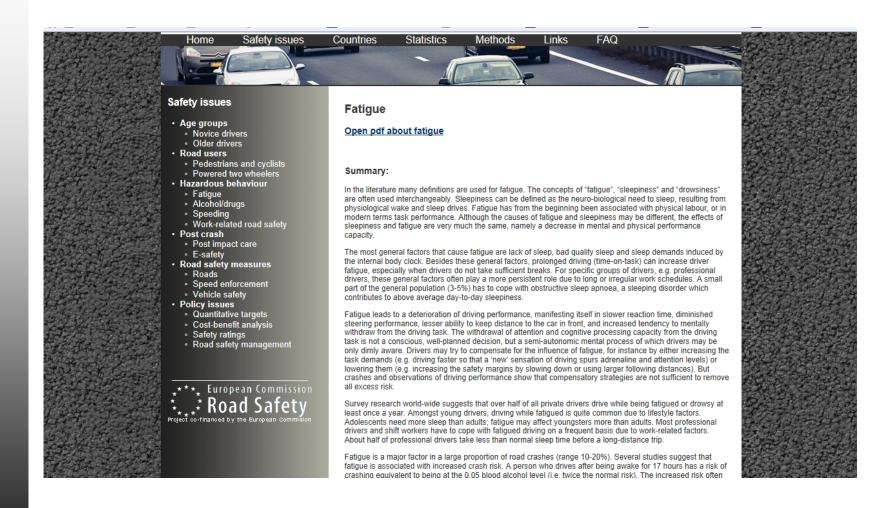
- Webtexts
- Country Overviews & Composite RS indices



Objectives/characteristics

- Scientifically grounded yet accessible and compact
- Addressing key RS issues
- New texts and up-dates (ERSO)
- Under supervision of a selected committee of experts







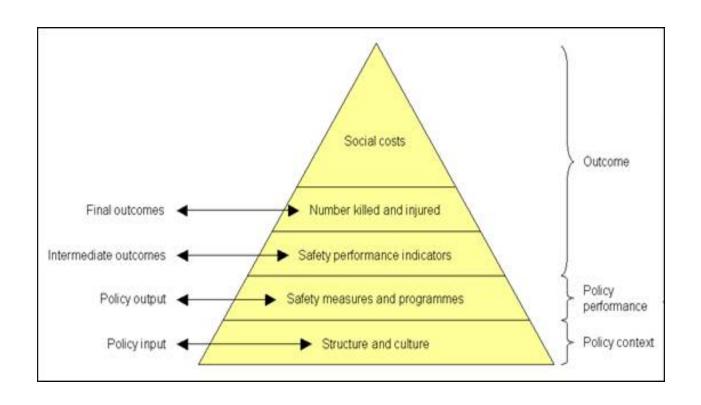
TOOLS FOR ACCESSING INFORMATION

- Webtexts
- Country Overviews & Composite RS indices



The Sunflower Pyramid

(Koornstra et al., 2002)



http://sunflower.swov.nl



Country Overviews (1)

- Organized according to SunFlower RS pyramid
- Country-specific RS information
- Together with european reference information



Country Overviews (2)

Road Safety Country Overview

France



Structure and Culture

(source: Wikipedia)



The number of vehicle kilometres driven in France is more than 3 times higher than the EU average]

Basic data

- Population: 64.716.213 million inhabitants (2010)
- Area: 544.000 km² (2010) (0,3% unused land or water) (2010)[4]
- Climate and weather conditions:
 Average winter temperature of the capital city (November to April): 6,8°C

 Average summer temperature of the capital city (May to October): 15,0°C
 Annual precipitation level for the capital city (mm): 649,7
- Exposure (billion vehicle km 2010): 561,3
 Passengers cars: 76%
 Motorcycles: 1%

European average

17.1 million (2010ⁱ)[1,2] 156.225 km² (2010)[1,3] 3% unused land (2010)[4]

168 billion vehicle km (2010ⁱⁱ)[1]



Composite RS indices

- For ranking/benchmarking
- Developed for 3 layers of the RS pyramid:
 - RS outcomes
 - RS performance indicators
 - RS policy performance
- For meaningful comparisons: grouping of countries based on structure and culture



Check it out at: http://dacotapilot.swov.nl/:





Thank you for your attention!

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