



Consolidating road safety data and knowledge to support decision making in Europe

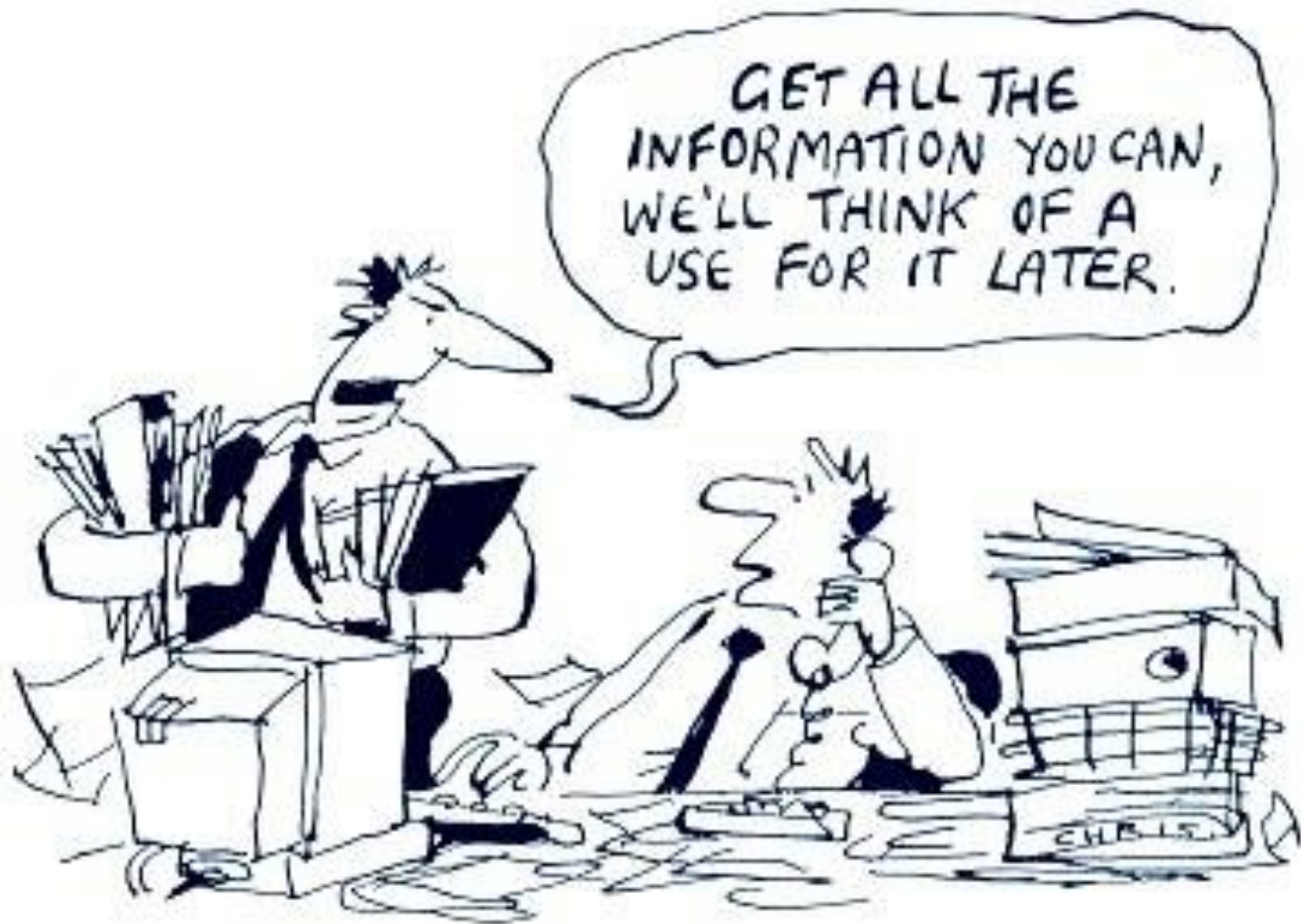
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Need for an assembly of useful data/information to support road safety decision making



Need for an assembly of useful data/information to support road safety decision making

- Facilitate policy making at EU and national level
- Support the road safety analyses, country overviews, country benchmarking
- Make available to the wide public a wide range of road safety data assisting any type of road safety activity

Data and Information collected and organised in a way to allow for their combined processing.

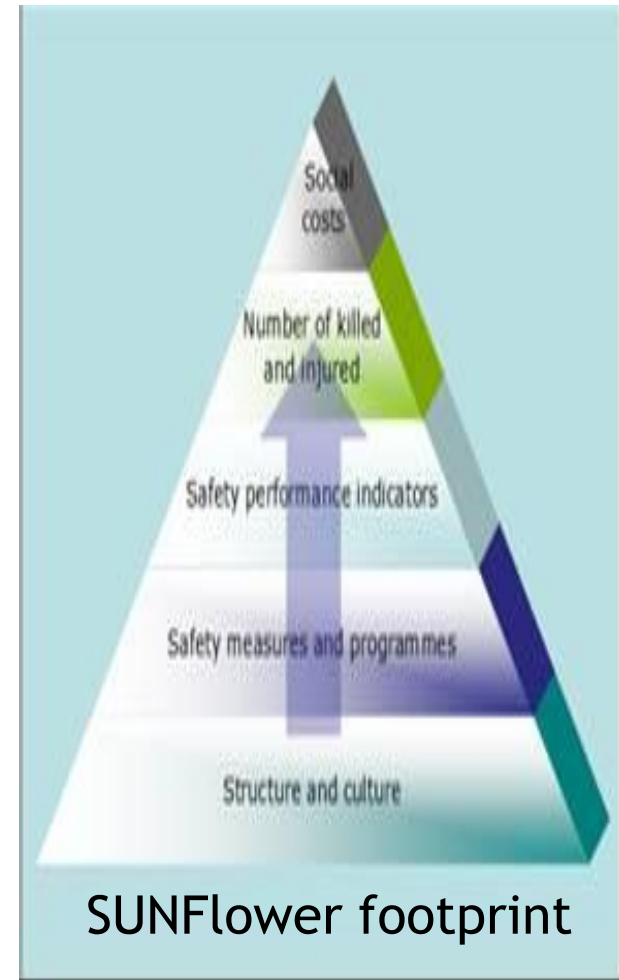


Methodology

- Processing of all data and knowledge took place within the [Dacota](#) EU co-funded research project (2010-2012)
- These results are regularly updated and are also published at the European Road Safety Observatory of the European Commission (www.erso.eu).
- Data used in this research were extracted from:
 - the [CARE](#) database of the European Commission with disaggregate data on road fatalities,
 - in depth road accident investigation surveys carried out within the [SafetyNet](#) EU-co-funded research project (2004-2008)

National Knowledge

- Road safety programs
 - Data on basic road safety programs in
 - 29 European countries
- Road safety measures
 - 655 safety measures identified for
 - 34 different measures sub-categories
- Traffic rules
 - 46 different traffic rules into 4 main groups
 - for all 29 European Countries
- Road user behaviour/attitude
 - Issues related to driver behaviour (self-reported): Speeding, Drink driving, etc.
 - Attitudes towards risk taking regarding: Alcohol and drugs, Speeding, etc.
- Road accident cost



National Data - Dakota Master Tables

- **Road accident data**
 - 73 road accident elements from existing CARE variables and values.
- **Risk-Exposure data**
 - 73 Risk-Exposure elements on population, vehicle fleet, motorization level, person-kms, vehicle-kms, etc.
- **Safety Performance Indicators**
 - 39 elements related to SPI on alcohol and drugs, protective systems, speeding, enforcement, DRL and vehicle safety.
- **Accident Causation Indicators**
 - Harmonised in-depth data for 1006 cases in 6 EU countries collected in SafetyNet.
- **Health Indicators**
 - Indicators based on hospital data from the Health IDB



Meta-data

- Meta data: background information necessary for properly using the data.
- Collection of all related meta-data (sources, information, definitions, data quality and reliability, processes, etc.).
- 21 main elements for each type of collected data.

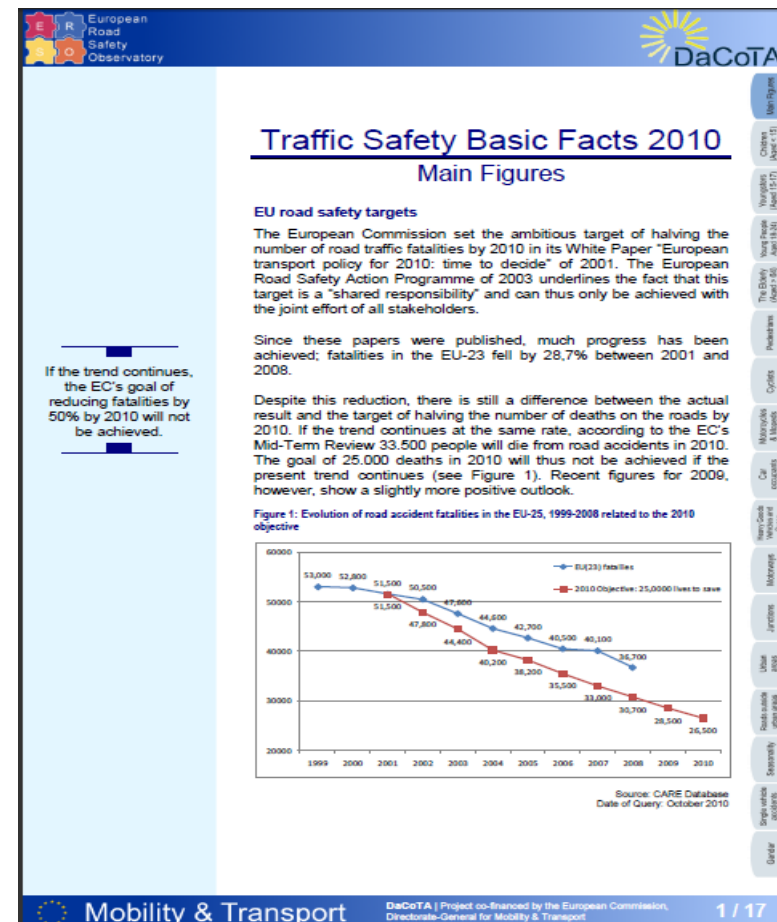


Basic Fact Sheets

- 17 BFSs with data for the decade 1999-2008.

Main Figures	Pedestrians
Motorcycles & Mopeds	Cyclists
Junctions	Urban areas
Children (aged <15)	Youngsters (aged 15-17)
Car occupants	Single vehicle accidents
Young People (aged 18-24)	Seasonality
Heavy Goods Vehicles & Buses	Roads outside urban areas
The Elderly (aged >65)	Gender
Motorways	

- Highlights of interesting issues.
- In-depth accident causation data & maps.

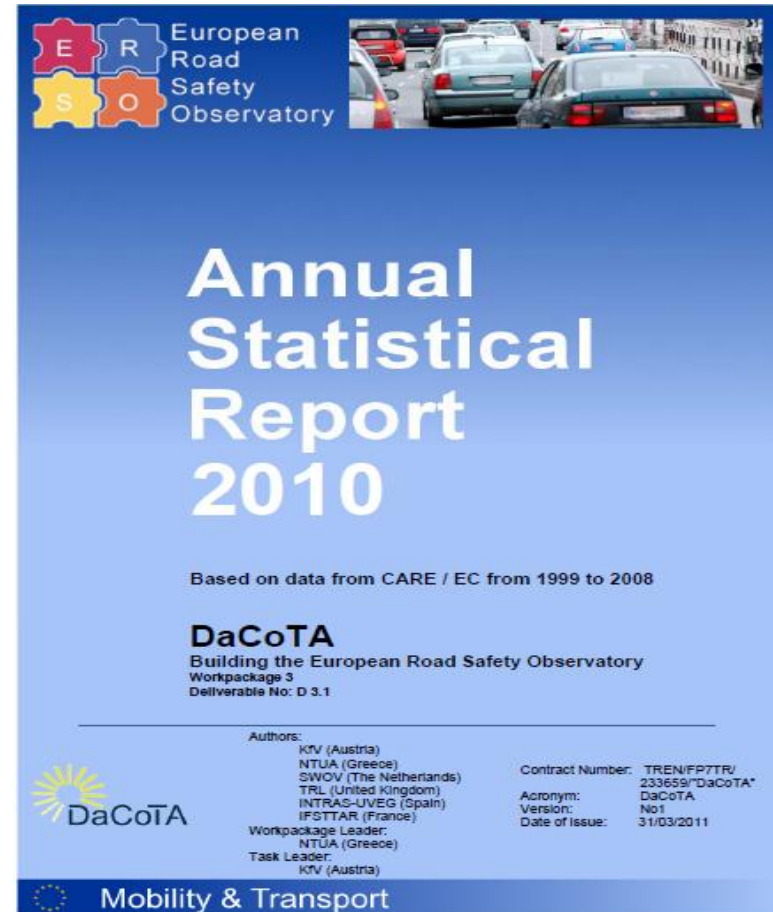


DOWNLOAD IT NOW

<http://www.europa.eu.int/comm/transport/care/studies>

Annual Statistical Report

- Data of 27 European countries for the period 1999-2008.
- Selection of basic characteristics of fatal road accidents.
- 56 Tables and 29 figures with the most interesting combination of road accident data.



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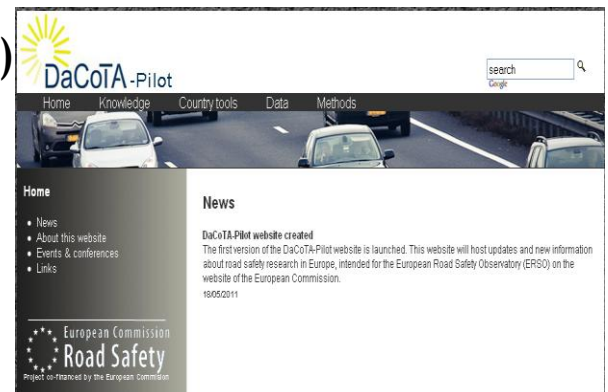
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DaCoTA Pilot System

A web-based information system (Dacota Pilot System) is developed, in which all knowledge and data produced within the Dacota project are organised and presented through a user-friendly interface:

- Statistics (crash, exposure, RSPI, etc.)
- Interactive Statistics
- Knowledge (syntheses)
- Tools (forecasts, country overviews/benchmarking)
- Links (more than 1000 stakeholders in Europe)

After the test phase, this pilot system will be incorporated at the [European Road Safety Observatory](#).





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