

# **Status Report of the Federal Republic of Germany**

**20th International Technical Conference on the  
Enhanced Safety of Vehicles,  
Lyon 18th to 21st June 2007**

Professor Dr.-Ing. Josef Kunz  
President  
Federal Highway Research Institute (BASt)  
Germany

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## Vehicle Stock and Mileage in Germany 2005

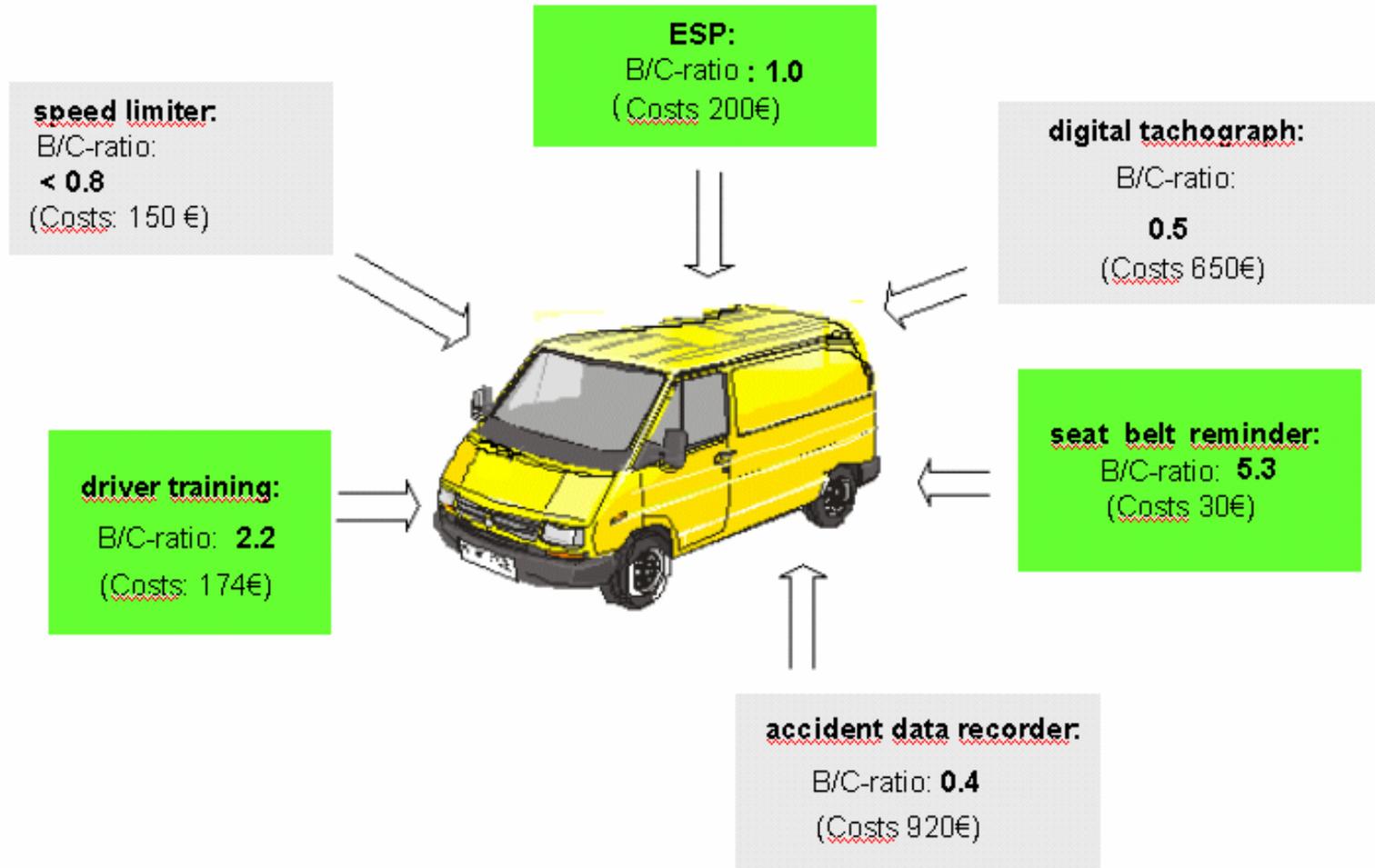
- passenger cars: 45.4 Mio.
- motorways: approx. 12,000 km
- average daily traffic (ADT): 48,300 vehicles on motorways
- total mileage: 684 Bio. vehicle-km

## Road Traffic Accidents in Germany

	2000	2006	
number of accidents	2.35 Mio.	2.24 Mio.	- 5 %
injury accidents	382,943	327,984	- 14 %
fatalities	7,503	5,091	- 32 %

# Safety of Light Goods Vehicles

benefit cost ratios for safety measures (EU project IMPROVER):



## Daytime Running Lights



- favourite solution:  
dedicated DRL with LED (Light Emitting Diodes)
- future task:  
conspicuity of motorcycles

# Crash Compatibility of Vehicles



## Child Safety

lateral impact test with  
child restraint system:



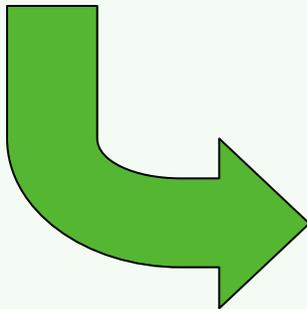
Q3-Dummy



NPACS logo:



## Research Project „AKTIV“



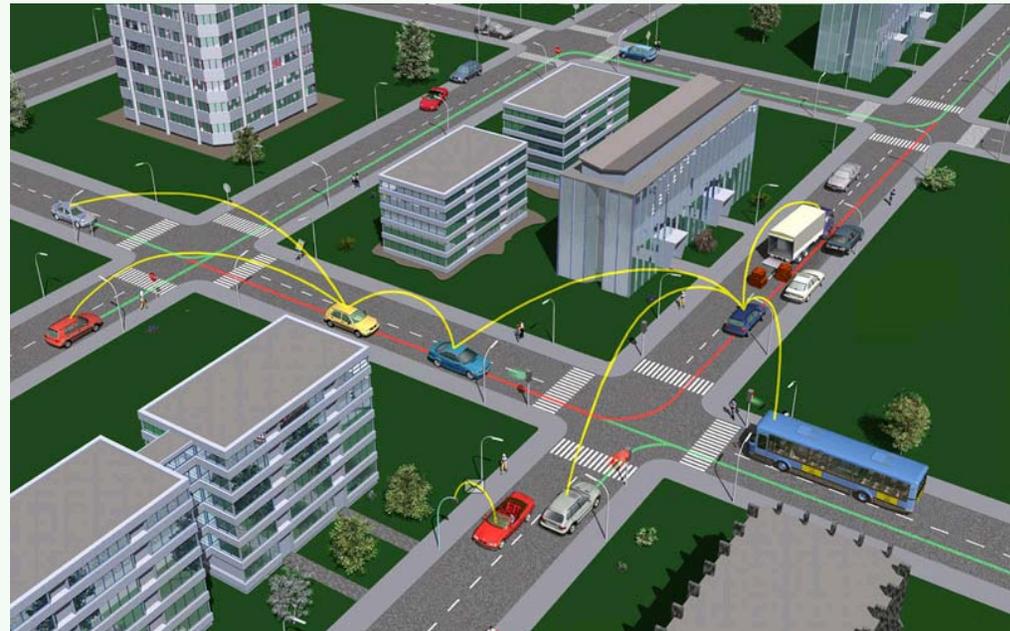
- automatic emergency braking
- integrated lateral guidance
- intersection assistant
- safety for pedestrians and cyclists

# Car-to-Car / Car-to-Infrastructure Communication



SIM-TD:  
Safe Intelligent Mobility -  
Field Operational Test Germany

selected testing area:  
Rhein-Main region



source: [www.awe-communications.com](http://www.awe-communications.com)

## Toll for Trucks

- running since 1st of January 2005
- satellite based automatic acquisition of tolls is established
- annual income more than 3 Bio. Euro
- more than 90 % of the trips automatically charged
- number of trips without payload has decreased (- 9 %)

## 3rd International Environmentally Friendly Vehicles Conference

- 19th + 20th of November 2007
- Dresden, Germany
- Maritim Hotel & Int. Congress Center
- Hosted by the German Ministry of Transport Building and Urban Affairs



**You are cordially invited to the EFV conference  
- Thank you for your attention!**