



Bundesministerium  
für Verkehr, Bau  
und Stadtentwicklung

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## 74th session of the UNECE Inland Transport Committee - ITC Policy Segment -

### ITS as an efficient tool for governments

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## Mobility

- To be mobile means a high degree of freedom and quality of life.
- Mobility is a crucial locational factor for a modern industrialized nation.
- Mobility forms the basis for growth and employment.
- But mobility also gives people opportunities for their personal development and generates choices.



## Mobility is international



The common objective is therefore to be able to manage the forecast ongoing growth in traffic volumes on the roads also in the future.

Innovative solutions and an intelligent organization of transport are necessary.

At the same time,

- ❖ transport must be made more efficient and its environmental impact has to be reduced
- ❖ a high degree of safety must be ensured for all road users.

The wider deployment of intelligent transport systems will have to make a major contribution towards achieving this objective, which means

- ❖ providing optimum technical equipment for vehicles and
- ❖ making optimum and efficient use of the transport infrastructure.



## *What do we need to achieve this?*

- Creation of an integrated intelligent overall transport system to ensure sustainable mobility also in the future.
- Removal of market barriers to mutual benefit.
- Creation of a framework that provides the economy of every country with investment certainty, allows it to be competitive and thus enables it to achieve economic success.



## *What has been achieved so far ?*

Development of the number of road fatalities (compared with the respective previous years)

Germany	- 12.0 %	(2010: 3,657 fatalities)
EU	- 11.2 %	(2009: 34,500 fatalities)

The innovations in the automotive industry have contributed to this development

- Improvement of active safety. The potential is comparable to the results achieved so far by way of improving passive safety. This field is believed to offer great potential for further enhancing road safety also in the future.
- Electronics account for around 40 % of the value added of the individual vehicle (figure is continuing to rise) = significant economic factor.



## *What do we want to achieve?*

- Creation of framework conditions that promote the new technologies (certainty for decision-making, setting priorities, directing investment).
- Harnessing intelligent technologies to further improve road safety.
- Increasing the effectiveness of the traffic flow on the roads (improved traffic information, ITS can help to eliminate congestion, e.g. traffic management).



## *How do we want to achieve this?*

### European activities

- In 2008, the European Union published an action plan for the deployment of intelligent transport systems (ITS Action Plan) in Europe.
- Part of this Action Plan is the "Directive of the European Parliament and of the Council on the framework for the deployment of Intelligent Transport Systems in the field of road transport and for interfaces with other transport modes". The Directive now has to be transposed into national law by all Member States.
- EasyWay whose objective is the harmonized deployment of transport telematics on a Europe-wide basis. Active participation of Germany in the project.



## German activities

- Development of a national framework for ITS in road transport
  - taking up the measures that have been determined at EU level
  - defining our own priorities for the German players
  - coordinating German players (coordinated cooperation between public and private bodies, in particular with the national industries)
- The Road Safety Programme of the Federal Ministry of Transport, Building and Urban Development will emphasize the potential of technology for road safety (e.g. greater market penetration of driver assistance systems, solutions for senior citizens, use of EuroNCAP (European New Car Assessment Programme), the needs of electric mobility)
- Harnessing German experience in the area of ITS at EU level (e.g. SIM-TD project "Safe Intelligent Mobility - Test Bed Germany" for cooperative systems)
- Transposing the ITS Directive = ITS Act





## Development of a national framework for ITS in road transport

Currently, a national strategy for the coordinated evolution of existing and the accelerated deployment of new intelligent transport systems in road transport is being developed together with all national stakeholders (competent Federal Government departments, states, local authorities, automotive and component supply industries, associations) with the Federal Ministry of Transport, Building and Urban Development having lead responsibility.

To this end, an agreement on the action areas and the approach has been adopted.

(A brochure with related information is available.)



ITS-Framework 'Roads'  
**Strategy for the evolution of  
intelligent transport systems**  
Agreement on action areas and approach

VDA | Verband der  
Automobilindustrie

Deutscher  
Städtetag

ZVEI:



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Urban and Rural Areas [www.bmvbs.de](http://www.bmvbs.de) Transport Mobility Housing Urban  
and Rural Areas Transport Mobility Housing Urban and Rural Areas Transport



## ITS framework – roads

Optimum use  
of data

Seamlessness of the ITS  
services in the fields of  
traffic management and  
traffic information

*Priority  
action areas*

ITS applications to  
enhance road safety,  
the efficiency of transport  
and environmental  
acceptability



## Next steps:

- Development of a catalogue of measures for ITS in Germany

Consideration is also to be given to

- the process of implementing the individual ITS measures and monitoring their implementation and
- the process of reviewing and revising the ITS framework for road transport.

- Preparing the report to the European Commission on the national ITS measures in the subsequent five-year period.



## *What will be important in the future?*

- ❖ In addition to our primary objective, which is to continuously improve road safety, it also has to be ensured that the economy benefits from an efficient transport system and from the commercialization and the sale of new products and services. Therefore, intelligent transport technologies make a major contribution towards improving competitiveness and ensuring that Germany remains attractive to businesses.
- ❖ In the future, it will be important to coordinate the efforts at the international level in such a way that they allow for a coordinated overall approach and do not conflict with one another so that the common objectives
  - enhancing road safety,
  - enhancing the efficiency of transport and
  - enhancing the environmental acceptabilitycan be achieved in an optimum manner.



The UNECE's commitment will make a contribution towards taking this concern into account in the interests of a safe, efficient and environmentally sound mobility while also giving consideration to economic interests.



Thank you very much  
for your attention