



**ERIC:** Experiencing CBT programmes in road safety in the European Community

## [Project identification]::

- The **ERIC** project is co-financed by the Directorate-General Energy and Transport.
- The project is coordinated by the **DVR** – *Deutscher Verkehrssicherheitsrat* – German Road Safety Council.
- Duration: June 2008 - May 2010

## [Partners/ organizations involved]::

- Deutscher Verkehrssicherheitsrat (DVR) – **Germany**
- Factum – **Austria**
- Motor Transport Institute (ITS) – **Poland**
- Research Institute on Traffic and Road Safety (INTRAS-UEG) - **Spain**

## [Objectives]::

- To adapt two Computer Based Training Programmes (CBTs) for drivers to the Austrian, Spanish and Polish traffic and driving environment.
- The acceptance of the learning tools were tested.
- Dissemination strategies were developed.
- Recommendations were formulated.
- These CBTs were developed in 2007 by the leader partner DVR.

*\* Physics of driving*

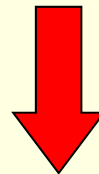


*\* Fatigue*



## [Description of the tasks]::

- **Stage 1: Revision of similar tools in the partner countries**
  - Assessment of the availability of similar tools and the scope of its use; the products that in each participating country might be available will be reviewed.

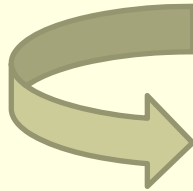


***State-of-Art***

# [Description of the tasks]::

## ■ Stage 2: Tool translation

- The translation of the CBTs allows its adaptation and implementation in each country.



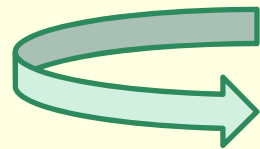
The audible and written content; the leaflets/  
booklets; the covers; the training guidelines



# [Description of the tasks]::

## ■ **Stage 3: Tool pilot implementation**

- In each partner country, testing the draft versions and the acceptance of the CBTs through four one-day seminars with around 15 participants each, using some questionnaires.



Result:

- Further required adaptation needs
- Knowledge about acceptance



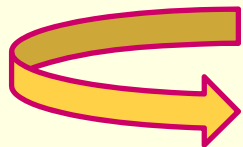


## [Description of the tasks]::



### ■ **Stage 4: Tool adaptation**

- Development of final CBT versions through the introduction of last adaptations on the basis of removal of defined obstacles elaborated in a 2 days international workshop, first steps towards a dissemination strategy.



Result:

- Final CBT versions in Polish, Spanish and Austrian German

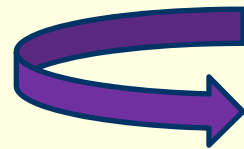


# [Description of the tasks]::



## ■ **Stage 5: Tool dissemination**

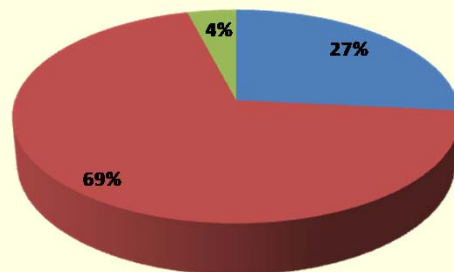
- Elaboration of a dissemination strategy for each partner country on the basis of input from the workshop and meeting of partners.
- Closing ceremony: organization of an „Info-Day“ in May 2010 in Brussels. Meeting of the ERIC partners, members of the ETSC and of the EC.



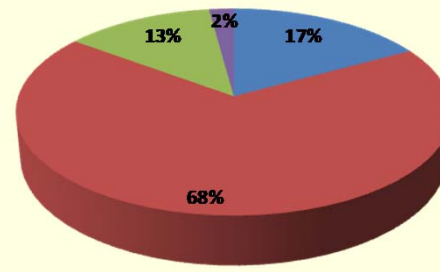
Dissemination strategy report

# [Main results - Differences between the two programmes]::

■ In general, the Fatigue CBT was better assessed than the Physics one



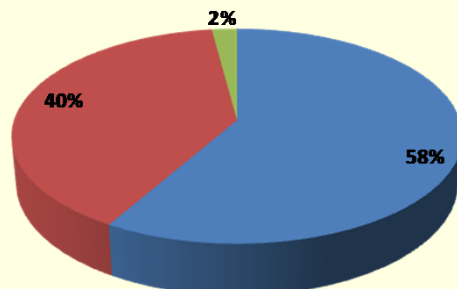
*Fatigue*



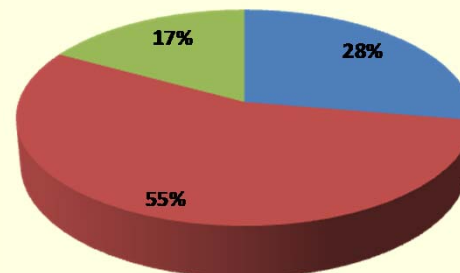
*Basis of physics*

- Very appropriate
- Appropriate
- Rather appropriate
- Not very appropriate
- Not appropriate

■ It also was more understandable and easygoing



*Fatigue*

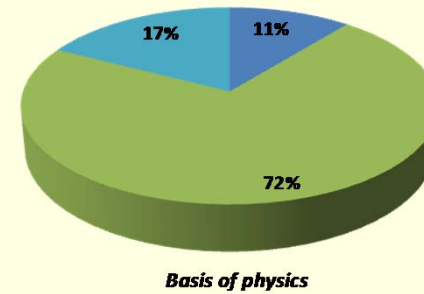
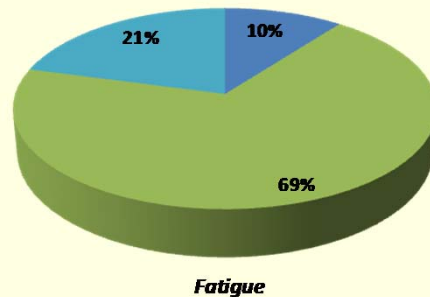


*Basis of physics*

- Very understandable
- Rather
- Average
- Rather less
- Not at all

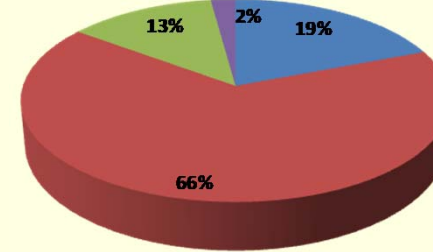
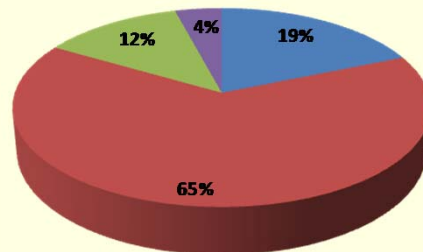
# [Main results - Differences between the two programmes]::

- Regarding the kind of training system, for both tools the surveyed participants would be in favour of regulating both CBT learning and driving teachers/ trainers



- Definitely CBTs
- Rather CBTs
- Both equal
- Rather driving teachers
- Definitely driving teachers

- That is why, about 80% of the assistants would be “very or rather interested” in working with further CBTs



- Very interested
- Rather interested
- Average
- Less interested
- Not at all

# [Main results – Differences among the four countries]::

## *Fatigue CBT*

### - Understanding of the learning goals

All countries considered as highly understandable the learning goals, with Poland scoring best.

### - Learning subject usefulness for real traffic

Best results: Germany  
Lowest ones: Austria

## *Physics CBT*

### - Understanding of the learning goals

Austria and Poland, best results.

### - Learning subject usefulness for real traffic

Useful for Germany, Poland, Austria and Spain.

[Main results – Differences among the four countries]::

### *Fatigue CBT*

#### - Usefulness of the CBT

Best scores: Germany

#### - How interested are you in working with further CBTs?

Best results: Spain

### *Physics CBT*

#### - Usefulness of the CBT

Best scores: Poland

#### - Did the CBT programme offer new information?

Best scores: Germany



**Cristina MONLEÓN; Jean-François PACE; Elena LÓPEZ**

*Angers, December 2010*