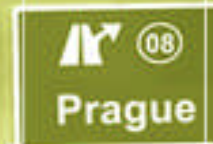


# *Fit to Drive*

3rd International Traffic Expert Congress  
Prague from June 19th - 20th 2008



Welcome



# Driver training of tomorrow

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EFA

## Schedule

The education of the drivers of tomorrow will be considerably influenced by the following facts:

1. Questions of environment protection will gain in importance besides skills of vehicle handling and driver behaviour according to the rules
2. The use of driver assistance systems will increase in new vehicles. They will not only be helpful but can also provoke an information excess and an overstrain
3. Mobility up to an high age becomes more and more self-evident. Therefore, life-long learning is very essential.

# 1. ENVIRONMENT PROTECTION

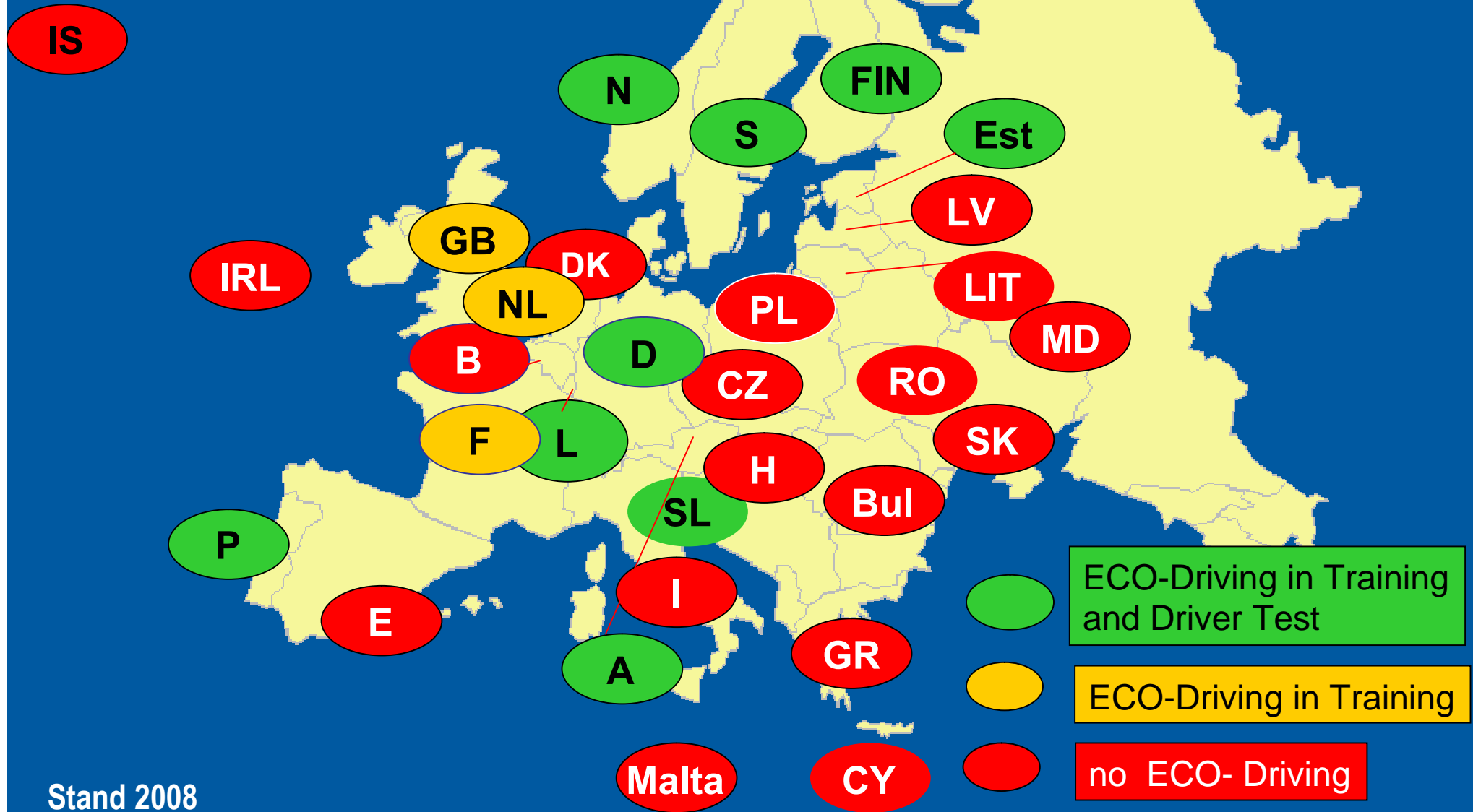
## Eco-Driving

Driver training will have to include economical orientated behaviour. Due to the requirements of environment protection, these aspects will have to be included into the driving examination Europe-wide.

## The most important regulations for ECO-Driving:

- Relaxed and predictive driving
- Use of the impetus
- Changing gears and driving at low rotation speed
- Disconnection of the motor where it makes sense
- Removal of ballast and unutilised roof racks
- Regular control of correct tyre pressure
- Sensible usage of energy consuming instruments
- More safety distance to increase the scope for decision making

# ECO-Driving in European Countries



Stand 2008

## Pollution emission due to EU requests:



Consumption:

Diesel: 4,5 l/100km

Petrol: 5,0 l/100km

CO<sub>2</sub> Emission:

120 Gram/Kilometer

Besides technical improvements the correct vehicle  
handling has an distinctive influence

## Noise protection

- Driving on a low speed level is a decisive contribution to noise protection as well as
  - Tie-down to avoid unnecessary noise and
  - correct technical condition of the vehicle, for example of the exhaust system



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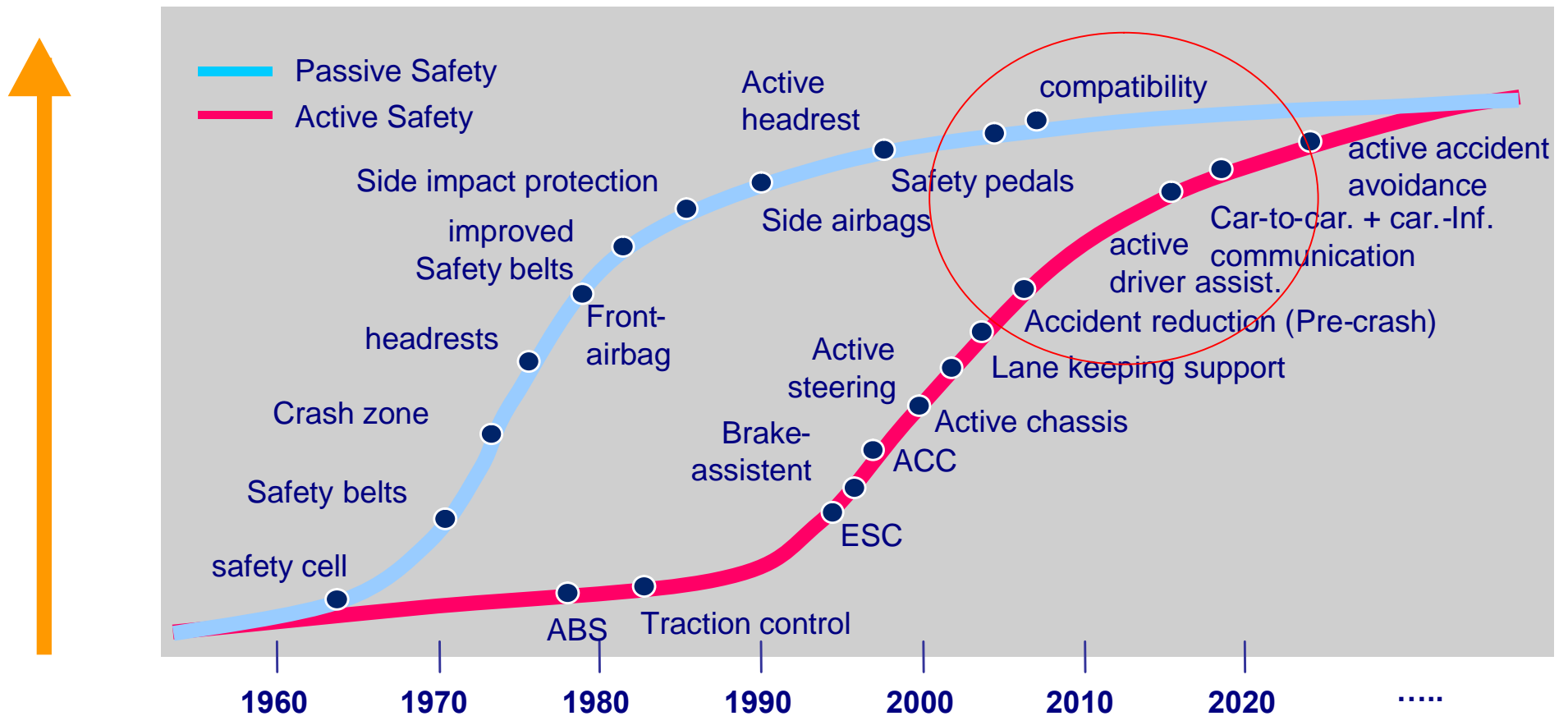


## 2. Driver Assistance Systems



## Safety potential

# The way to the aim „Integrated Safety“





# Night Vision Systems and Trace Assistance Systems



## 3. Mobility up to high age

- New investigations confirm that the activities of elderly people have changed significantly.
- This is considerably expressed by the mobility at leisure time:



Activities of elderly people have significantly changed during the previous years:

Leisure time activities of 50-65-years old people	1995	2005
Cycling	29 %	39%
Motoring	17%	26 %

## Today's Seniors are....

- ✓ more competent
- ✓ fitter
- ✓ more self confident
- ✓ more ambitious and often also
- ✓ more prosperous

than in the mid nineties

This wish for mobility up to a high age can be supported by suitable instruction courses. Expert physicians, psychologists, driving instructors and the car industry should support and adjust each other

*Thank you for  
your attention*