



**58th CIECA
CONGRESS**
DRESDEN 2026

Hazard Perception – Dawning of a new Era for Road Safety in Europe

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AGENDA

Background to 3rd Driver Licence Directive
4th Driver Licence Directive – Key Requirements
Options for a HP test
Examples
A short overview of Jellylearn
A proposition for EU members

Background to the 3rd Directive



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*The evaluation and the implementation report of the 3rd DLD highlighted that the missing element in current driver **training** and **testing** was risk awareness and hazard preparation exercises.*

4th Driver Licence Directive



Learner Drivers

Theory Test Part 1 general perception, including hazard perception.

Minimum Requirement for Driving Test

driving risk factors related to various **road conditions** including **perception and anticipation of hazards**, in particular as they change with the **weather** and the time of **day or night**
general perception, including **hazard perception**, judgement and decision-taking, especially **reaction time**, as well as changes in driving behaviour due to the influence of alcohol, drugs and medicinal products, state of mind and fatigue;
hazard perception and accident avoidance; this includes understanding and paying attention to the vulnerability of **non-motorised road users and users of motorised vehicles**.

4th Driver Licence Directive



Knowledge Skill and Behaviour for a Powered Vehicle

recognise and anticipate traffic dangers and hazards and assess their seriousness

Competence required by a Driving Examiner

Minimum standards concerning access to the profession of examiner and examiner training requirements should be established in order to improve the knowledge and skills of examiners, including hazard perception testing, thereby ensuring a more objective evaluation of driving licence applicants and achieving greater harmonisation of driving tests.

Hazard Perception Options

Three Main Options

Hazard Perception

Hazard Prediction

Hazard Awareness



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Hazard Perception



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Hazard Prediction





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Hazard Awareness



What Jellylearn can offer EU Member States



Focused on Road Safety training and testing projects since 2012

Our Hazard Perception clips are evidence based

Bank of over 500 CGI (3D) and 2D clips containing over 50 scenarios

Clips are used in over 3.5 million tests per annum globally

We have built over 30 terrabytes of CGI assets for populating clips

- Cars
- Roads (Urban, Rural, Motorway)
- Building
- Trees & Landscapes
- Different weather conditions (snow, rain, sand storm, night time)
- Road markings and signage

Opportunity for EU members?



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Similar landscape characteristics

Similar cars/motorcycles

Similar road markings and signage

Vienna Convention 1968 – Road Signage
Supplements 1971-1985 – Road Markings

Local Variants

A Proposition



Jellylearn creates a library of 60 clips all left hand drive that form the basis of the HP test that meet the requirements of the 4th Driver licence directive

Road markings and signage

Vienna Convention 1968 – Road Signage
Supplements 1971-1985 –Road Markings

Integrity is maintained due to customisation with local variables

New clips are produced every year to maintain the quality and variety of clips and any new regulations are added

Charges included in the test fee for the candidate so no upfront costs.

Can be delivered as an on-premise or a cloud solution

Hazard Awareness





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