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# ICT-DRV

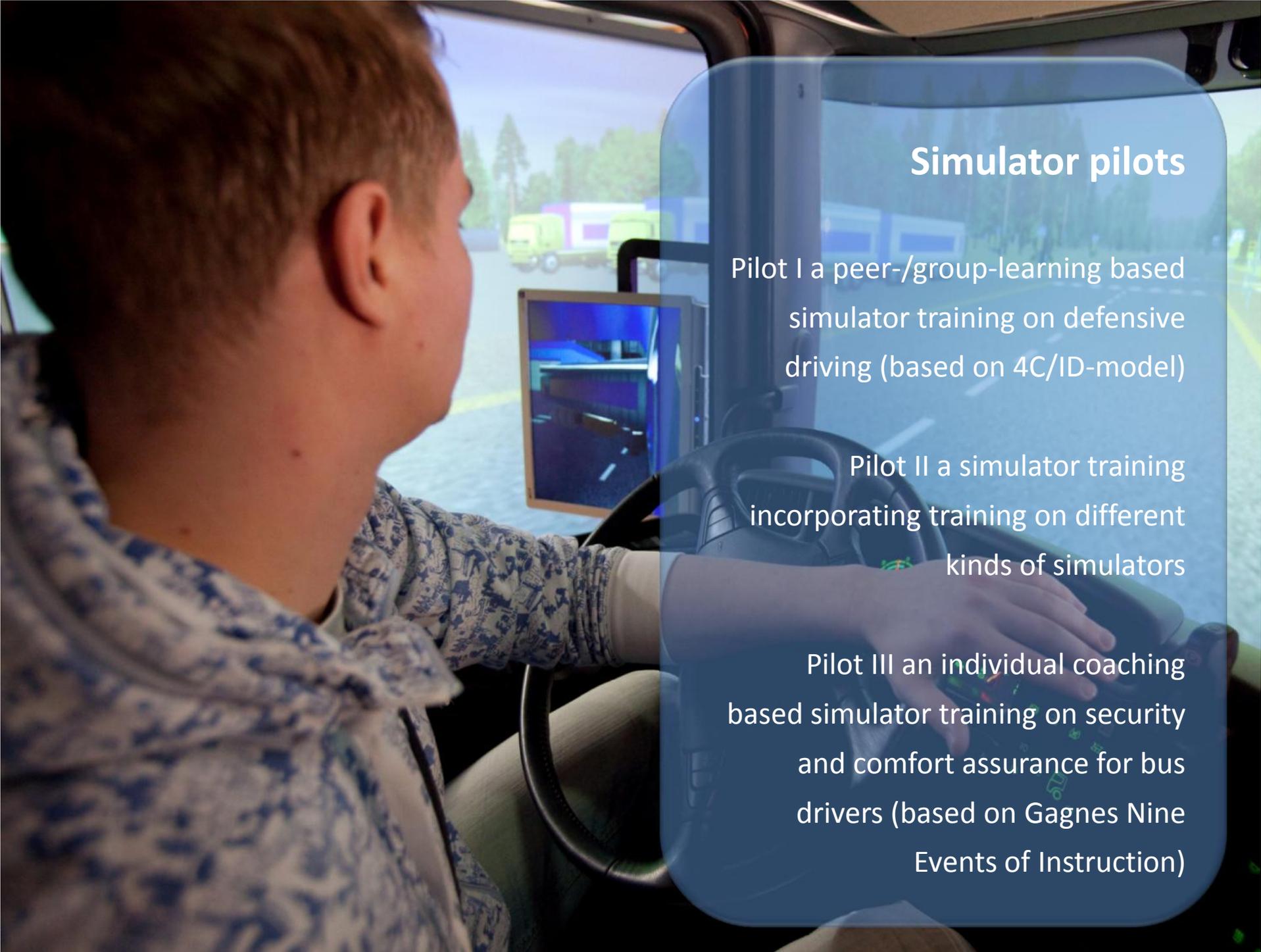
Facilitating and documenting work-based learning through distance learning techniques within mandatory periodic training for professional drivers in Europe

Claudia Ball, DEKRA Akademie GmbH (DE), 12.12.2014, Brussels (BE)

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Lifelong  
Learning  
Programme

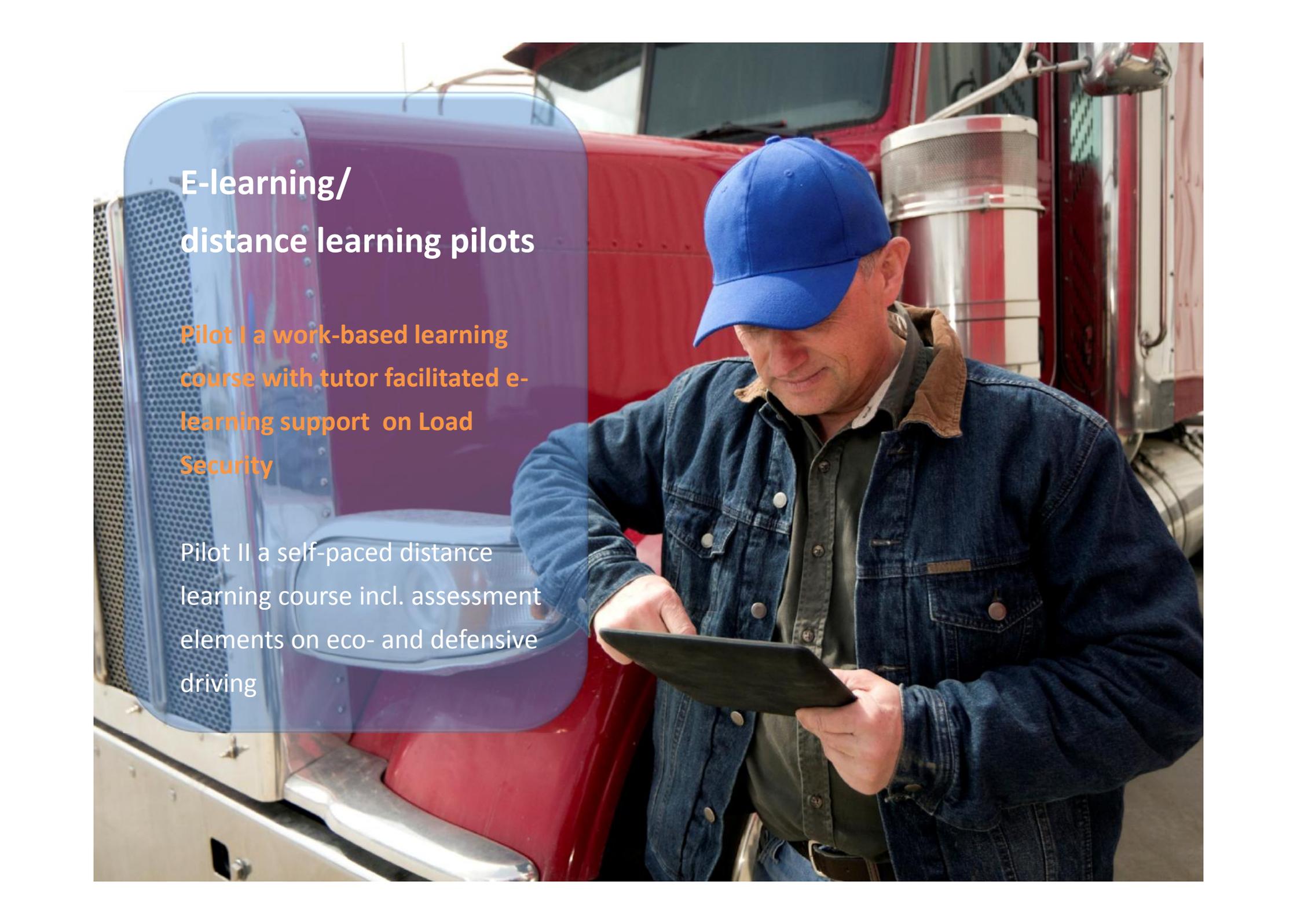
A person is seated in a bus simulator, viewed from the side. They are wearing a blue and white patterned jacket. The simulator includes a steering wheel, a dashboard with various controls, and a large front window displaying a virtual driving environment with a road, trees, and a yellow bus. A smaller monitor to the left shows a close-up of the steering wheel area. A semi-transparent blue box on the right contains text describing three pilot programs.

## Simulator pilots

Pilot I a peer-/group-learning based simulator training on defensive driving (based on 4C/ID-model)

Pilot II a simulator training incorporating training on different kinds of simulators

Pilot III an individual coaching based simulator training on security and comfort assurance for bus drivers (based on Gagnes Nine Events of Instruction)

A man wearing a blue baseball cap and a denim jacket is looking at a tablet computer. He is standing next to a red truck, with a large blue grille visible in the background. The image is used as a background for a presentation slide.

## E-learning/ distance learning pilots

**Pilot I a work-based learning course with tutor facilitated e-learning support on Load Security**

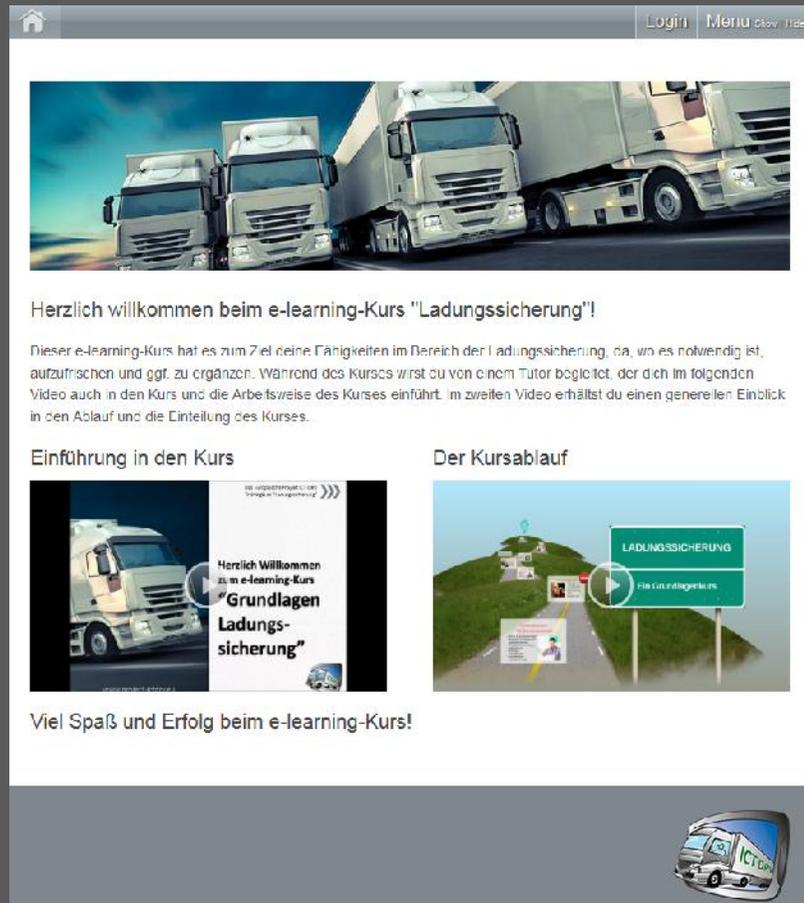
Pilot II a self-paced distance learning course incl. assessment elements on eco- and defensive driving

# ICT-DRV WBL pilot: Questions

- What **support structures** are necessary in order to facilitate work-based learning of professional drivers on the distance?
- How can work-based learning of professional drivers be **documented in order to receive recognition** within the relevant national legal regulations on continuous training?
- What framework needs to be provided in order to **adapt the facilitation of work-based learning to the individual needs and/or institutional requirements** of employees and employers on work-based learning?



# ICT-DRV WBL pilot: Realisation



Herzlich willkommen beim e-learning-Kurs "Ladungssicherung"!

Dieser e-learning-Kurs hat es zum Ziel deine Fähigkeiten im Bereich der Ladungssicherung, da, wo es notwendig ist, aufzufrischen und ggf. zu ergänzen. Während des Kurses wirst du von einem Tutor begleitet, der dich im folgenden Video auch in den Kurs und die Arbeitsweise des Kurses einführt. Im zweiten Video erhältst du einen generellen Einblick in den Ablauf und die Einteilung des Kurses.

Einführung in den Kurs

Der Kursablauf

Herzlich Willkommen zum e-learning-Kurs "Grundlagen Ladungssicherung"

LADUNGSSICHERUNG

Film: Grundlagen der Ladungssicherung

Viel Spaß und Erfolg beim e-learning-Kurs!

- Blended learning approach
- Accompanying basic learning material delivered via video lectures and additional learning material
- Praxis tasks to be implemented within daily work praxis (WBL)
- Learner is accompanied by a tutor
- Learning is evaluated/ documented with the tutor





## Key challenges addressed

- Recognition of **learners prior learning** in following the course
- **Need for guidance and support** alongside work-based learning through tutor-facilitated e-learning
- **Adaptation of the learning content** to the work-reality of the learner
- **Transfer of learning** (content) into the daily work
- **Proof of learning for recognition** in the framework of (formal) periodic training



A photograph of a middle-aged man with a receding hairline, wearing a light-colored short-sleeved shirt, sitting in the driver's seat of a truck. He is looking towards the camera with a slight smile. The truck's interior, including the steering wheel and dashboard, is visible. The truck's exterior is a dark blue color with a white logo on the door.

Crucial point in the realisation of work-based/ distance learning within professional driver qualification:

Application of the **learning outcomes approach** on EC Directive 2003/59 and shift from input to **output/-come orientation**

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An interdisciplinary conference  
**Technology-supported vocational  
training for professional drivers in  
Europe ... a matter of quality**

**12/13 February 2015, Potsdam (DE)**

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High-quality e-learning and simulator/simulation-based training for professional drivers in Europe

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