

The future of professional drivers: Requirements and learning



A safe world

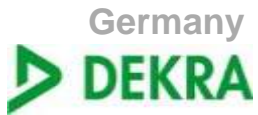


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Erasmus+ Programme
of the European Union



Preparing professional drivers for their role in the framework of the fourth industrial revolution and its innovations in road freight transport

Partners



Associated partners



Analysed sectors



TECHNOLOGY/
INFRASTRUCTURE



POLITICS



ECONOMY



SOCIETY



ENVIRON-
MENT



EDUCATION





(1) Steering and manoeuvring the vehicle



(2) Preparation of the journey



(3) Loading and unloading



(4) Planning of journey time and route



(5) Vehicle and trailer maintenance



(6) Documentation



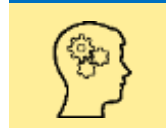
(A) Cooperation with the client



(B) Cooperation with supervisors, colleagues and others



(C) Occupational safety and healthy lifestyle



(D) Continuous training

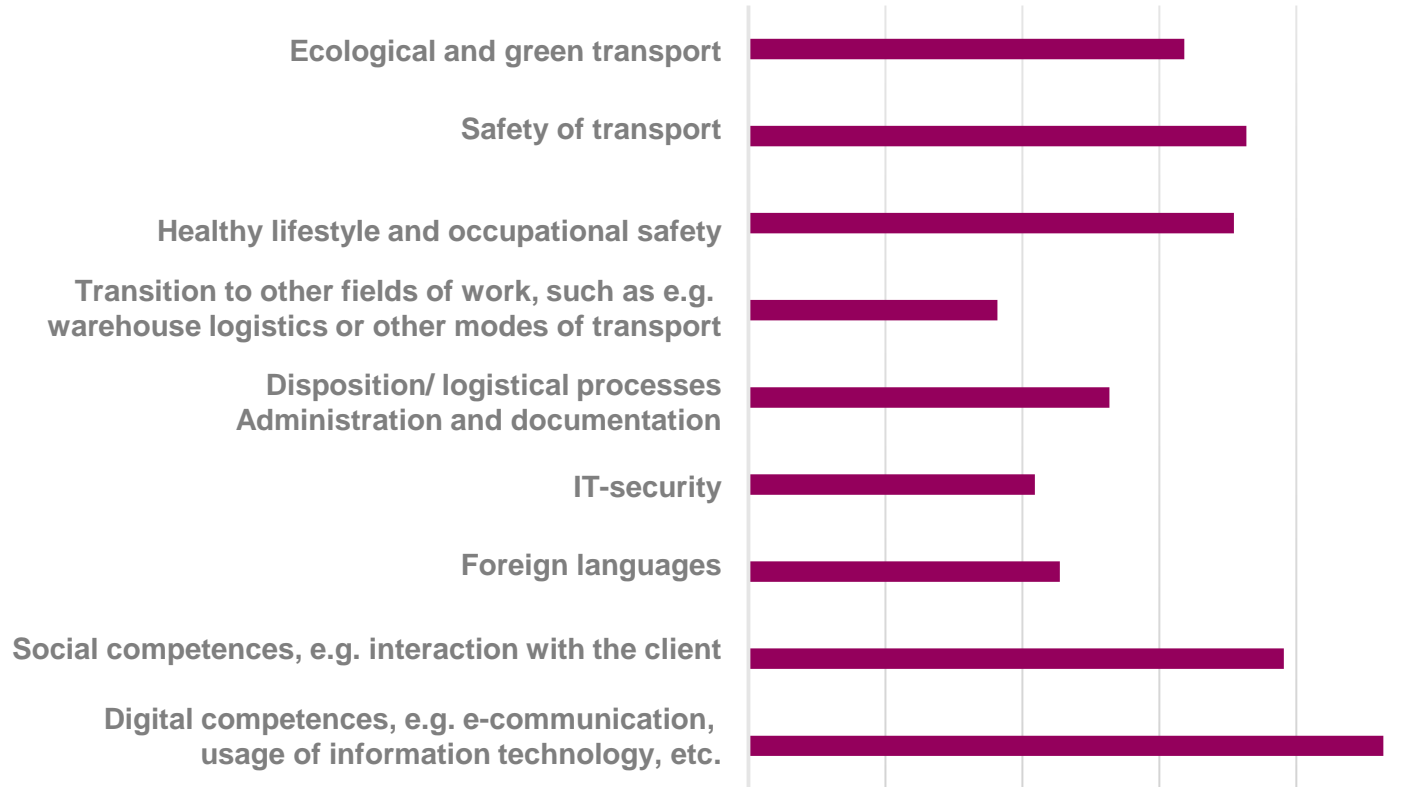
Expected development of the areas of competence in the next 10 years

(research was carried out amongst practitioners from the transport industry and relevant training providers)



Necessity for new training in the next 10 years

(research was carried out amongst practitioners from the transport industry and relevant training providers)





Steering and manoeuvring the vehicle



Preparation of the journey



Loading and unloading

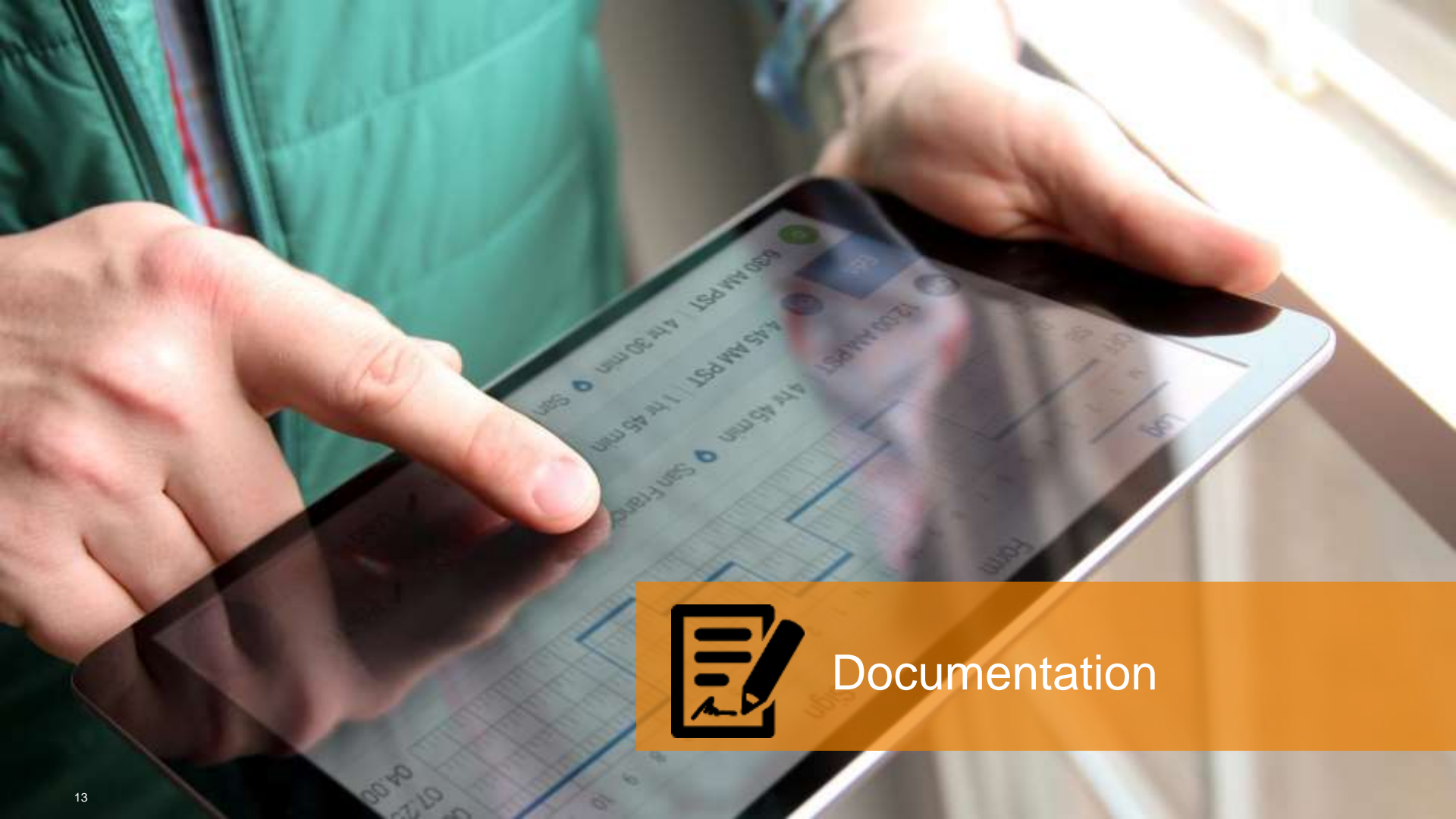




Planning of journey time
and route



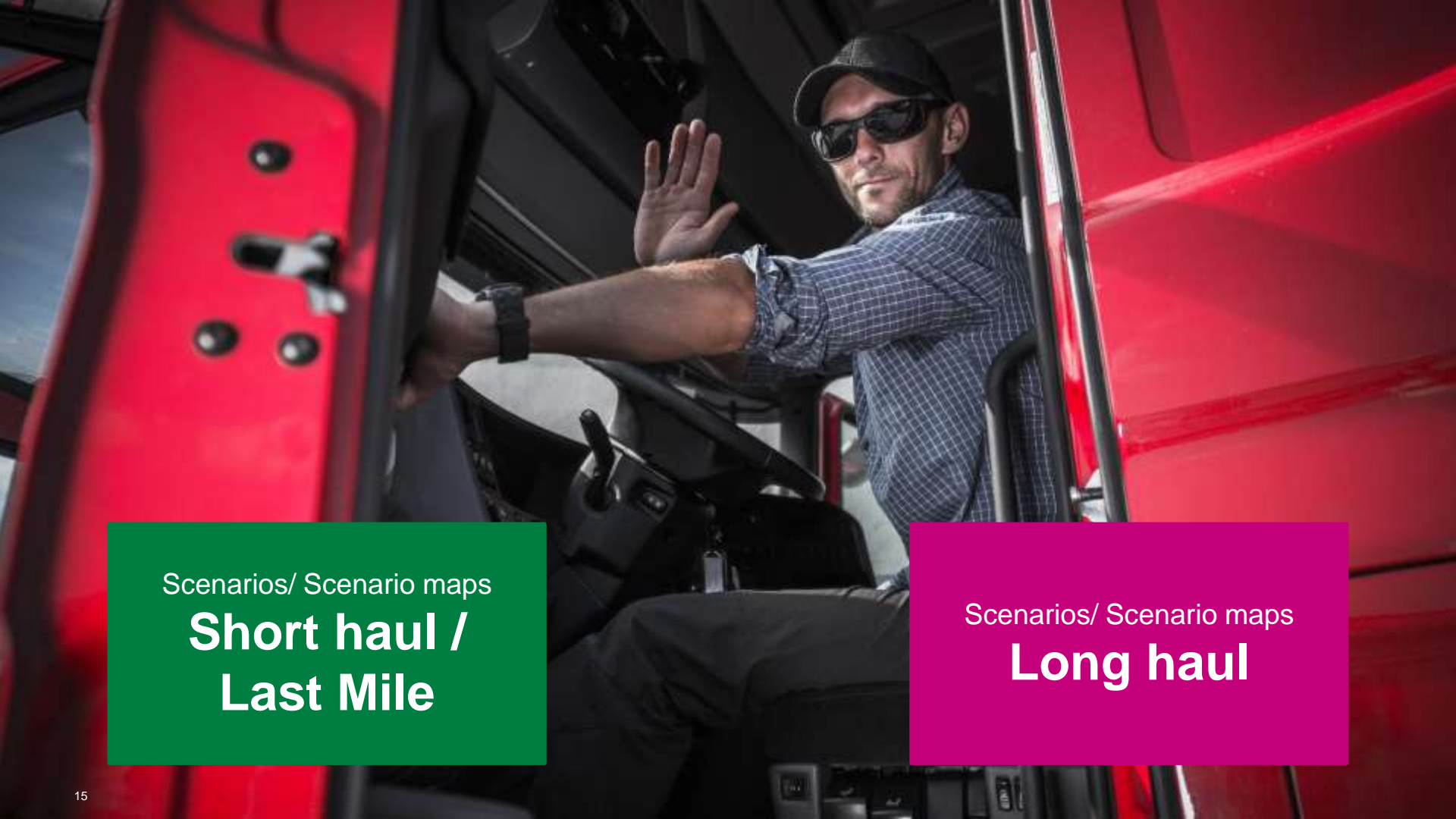
Maintenance of vehicles
and trailers



Documentation



Cooperation and
communication



Scenarios/ Scenario maps

Short haul / Last Mile

Scenarios/ Scenario maps

Long haul

Training approaches in professional driver training in 10 years

(research was carried out amongst practitioners from the transport industry and relevant training providers)



Top 5



- Training integrated in the work process
- Simulations
- Flipped-classroom approaches
- Face-to-face training
- Training systems integrated into the telematics systems

Low 5



- Learning in virtual realities
- Virtual classrooms
- Connected virtual learning with other drivers
- Serious games
- Virtual/online coaching

LaSiDig



- **App-based learning solutions** for professional drivers and warehouse workers
- **Supports learning in the work process** by combining learning and working through a digital solution.
- Usage of **Learning Analytics**, in order to analyze user behavior and to thus tailor the learning onto the individual learner.

Main elements of the LaSiDig learning solution



Thank you very much!



Mission
SAFETY