



FutureDRV

Preparing professional drivers for their role within the fourth industrial revolution and its innovations within road transportation

FutureDRV: basic parameter



Full title: **Preparing professional drivers for their role within the fourth industrial revolution and its innovations within road transportation**

Acronym: FutureDRV

Duration: 09/2016 – 08/2019 (36 months)

Partners: 6 from 6 countries (6 full partners, 4 associated)

Coordinator: DEKRA Akademie GmbH (DE)

Funding: about 450.000 Euro

(EC ERASMUS+ programme/ Strategic partnerships, NA BIBB E+ National Agency Germany)

Nationale Agentur
beim Bundesinstitut
für Berufsbildung

NABIBB
BILDUNG FÜR EUROPA

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Our baseline



TECHNOLOGY



POLICY



ECONOMY



SOCIETY



ECOLOGY



EDUCATION





our aim
GETTING READY FOR
THE FUTURE

Results to build on



ProfDRV



- An **ideal core profile** for professional drivers (truck/lorry) in Europe.
 - _ Divided into six task-related competence areas and four cross-cutting areas.
 - _ Every area underlines aspects such as responsibility, autonomy and ethics.
- **Quality standards** for professional driver training.
- **Policy recommendations** on improvement of EC Directive 2003/59.



Subject-specific task/ learning area 1: Driving and manoeuvring the vehicle

(The following learning outcomes are partially complementary to knowledge, skills and competences developed during relevant driving license training. They extend and engress the learning outcomes assessed in the framework of the driving license testing.)

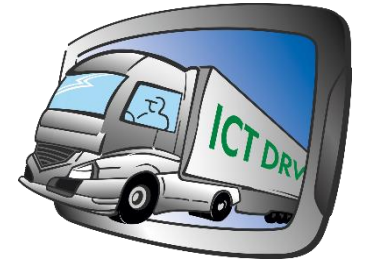
1.1 Driving a lorry and a lorry combination on the road

<p>The professional driver knows:</p> <ul style="list-style-type: none"> • national legal regulations with regard to road traffic • eco-driving principles • defensive and safe driving principles • basic principles of driving physics • professional drivers special responsibility within road traffic 	<p>The professional driver can:</p> <ul style="list-style-type: none"> • use safety assistance systems • drive defensively and safely in different situations • drive in an economical and resource saving way under different circumstances • adapt his/her driving to different road situations in order to drive safely and demonstrate situational awareness • operate telemetrical devices such as on-board vehicle computers and interpret telemetrical and further data in terms of his/her own driving style and adapt driving accordingly 	<p>The professional driver steers a lorry and/or a lorry-combination autonomously and self-dependent. He shows environmental awareness as well as a resource saving and economical driving style that reflects his/ her special responsibility within road traffic. He drives considering valid national laws as well as company-internal regulations. His/ Her driving style is characterised by defensive and safe driving.</p> <p>He/ She regularly controls his/ her lorries telemetric and further relevant data and adapts his/ her driving style, if necessary autonomously with regard to an economical and resource saving driving style.</p>
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1.2 Adapting driving to different kinds of wheather, road and traffic situations

<p>The professional driver knows:</p> <ul style="list-style-type: none"> • characteristics and evidence of different road, weather and traffic situations • effects of different road, weather and traffic situations on driving and possible consequences of wrong behaviour in such situations • physical basics that apply in different road, weather and traffic situations such as centrifugal forces, brake force, accelerating force, friction, their mode of action and effects • interrelation between different load conditions and road, 	<p>The professional driver can:</p> <ul style="list-style-type: none"> • adapt his/her driving to different kinds of road, weather and traffic situations • assess risks in different kind of wheather, road and traffic situations based on his/her theoretical physical knowledge • anticipate dangerous situations that result from different wheather, road and traffic situations early enough in order to implement counteractive measures • adapt his/her behaviour according to the characteristics of his/her lorries load 	<p>The professional driver adapts his/ her driving style under consideration of different surrounding situations with regard to road, weather and traffic situations autonomously and self-dependent.</p> <p>He/ She decides based on the own professional abilities and under special consideration of his/ her responsibility in road traffic.</p>
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ICT-DRV



- **Technology-supported training** within professional driver qualification.
- **Instructional Design** improved e-learning and simulator training.
- **Quality indicators** for technology-supported training for professional drivers.
- **Policy recommendations** on the integration of technology-support into professional driver training.

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 in folgendem 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

Viel Spaß und Erfolg beim e-learning-Kurs!



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RECOMMENDATIONS



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TIMELINE



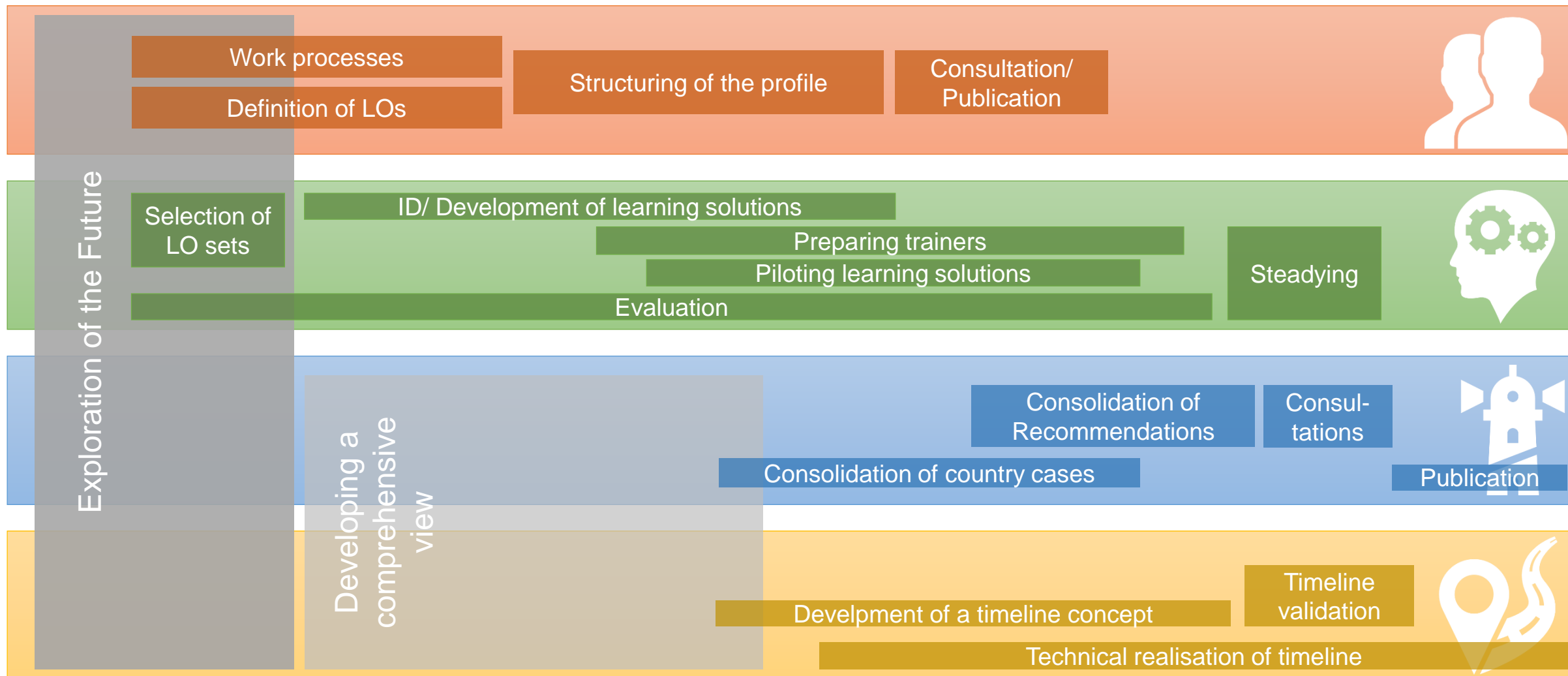
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LEARNING SOLUTIONS

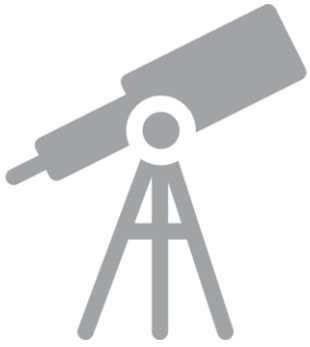
FutureDRV
PROFILE



aspired
OUTCOMES

Our workplan





Task1:
Exploring the Future



**TRENDS, INNOVATIONS
and their IMPACT**

**SCENARIOS on
FUTURE ROLE and TASKS**

**EXISTING and EVOLVING
VET SOLUTIONS**

Partners



Associated partners





FutureDRV

GETTING READY FOR
THE FUTURE

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