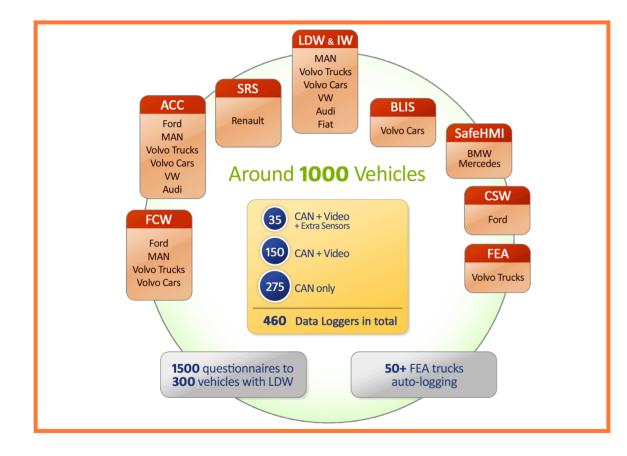


Fostering knowledge and skills: The importance of EU flagships projects

5 May 2023, Brussels Aria Etemad – Volkswagen AG Our history of automated driving: carrying the legacy forward



Our history: ADAS FOT with series production vehicles



Hi-Drive

Longitudinal control functions

- Forward Collision Warning (FCW)
- Adaptive Cruise Control (ACC)
- Speed Restriction System (SRS)

Lateral control functions

- Blind Spot Information System (BLIS)
- Lane Departure Warning (LDW)
- Impairment Warning (IW)

Advanced applications

- Curve Speed Warning (CSW)
- Fuel Efficiency Advisor (FEA)
- Safe Human Machine Interaction (SafeHMI)

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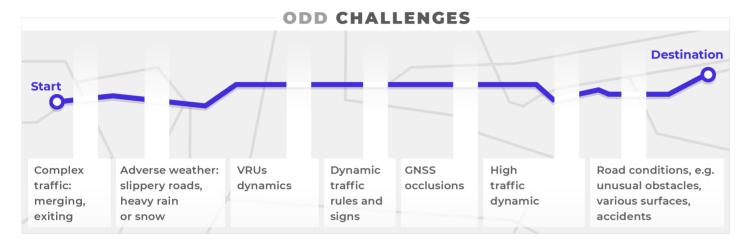
PUSH TOWARDS HIGHER AUTOMATION

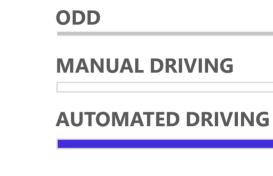
- Robust and reliable automated driving
- Extended and defragmented ODDs
- Interoperability across countries and brands

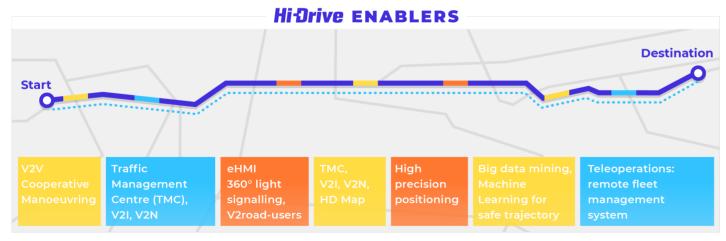
Hi-Drive

Designing Automation

Defragmentation of the Operational Design Domain (ODD)



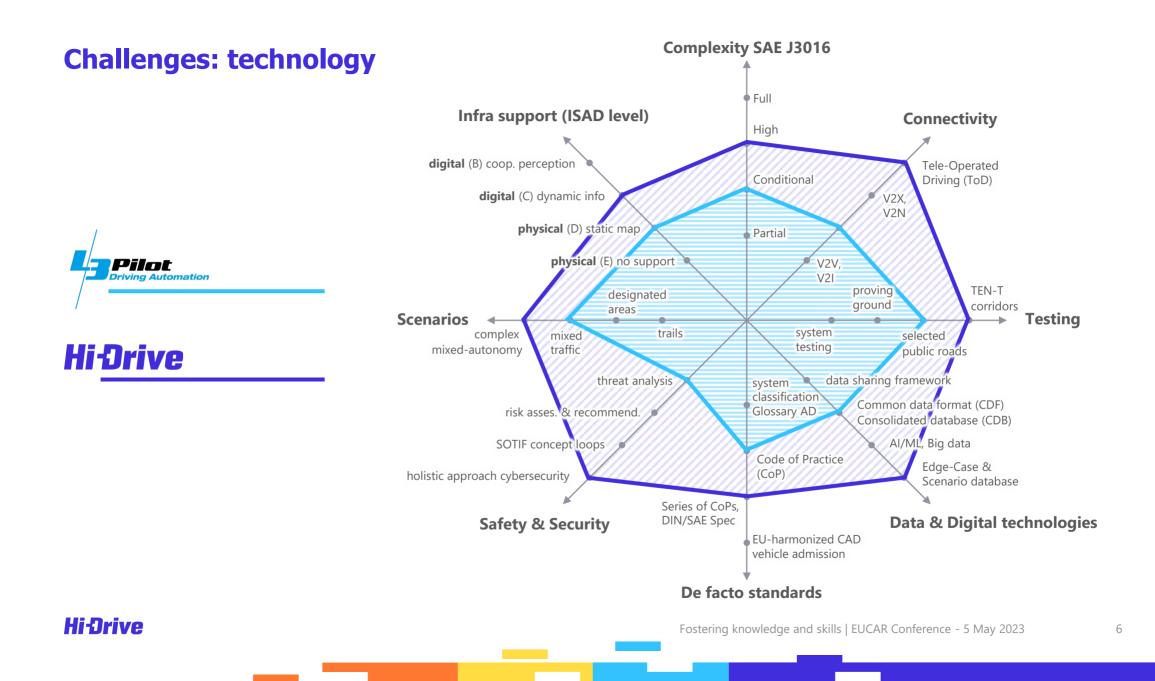




Cybersecure, interoperable, interactive and user-aware vehicles

Hi-Drive

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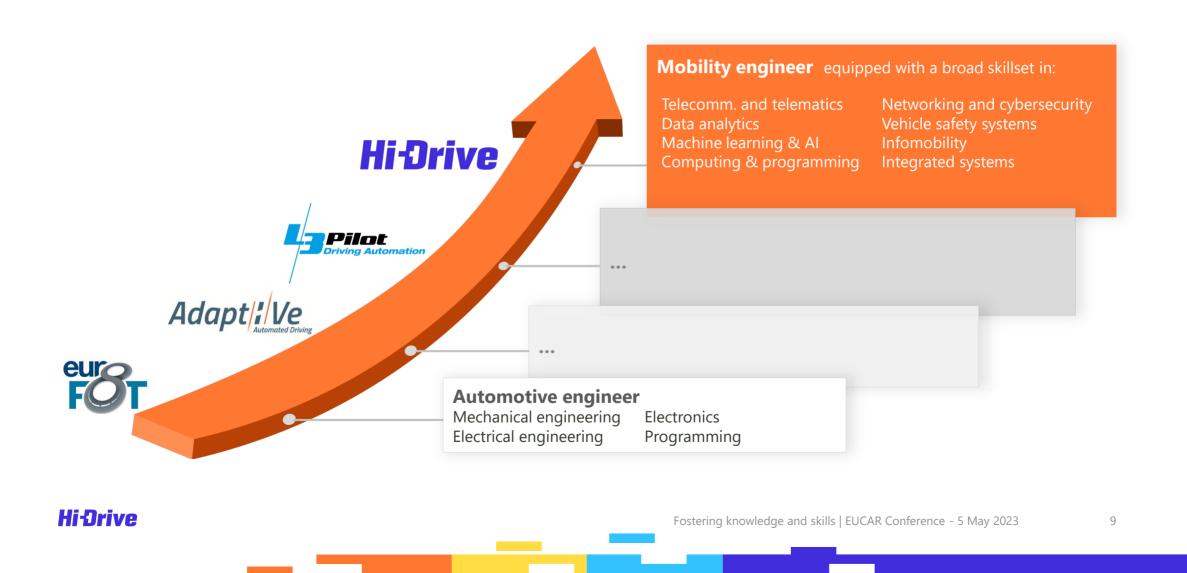
Partners



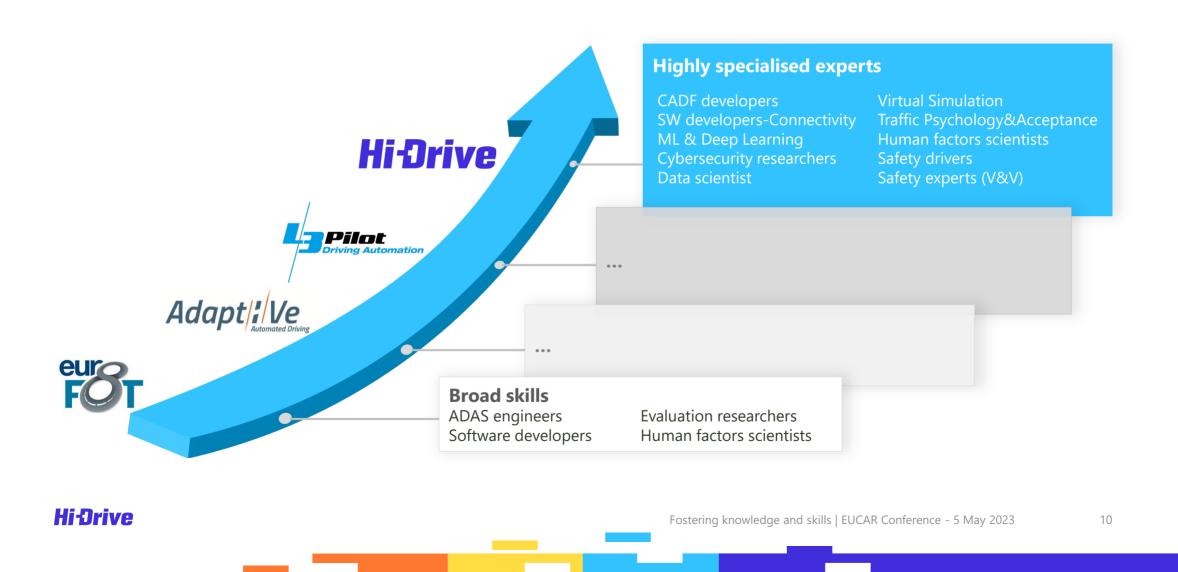
Partnerships: Evolvement of stakeholders



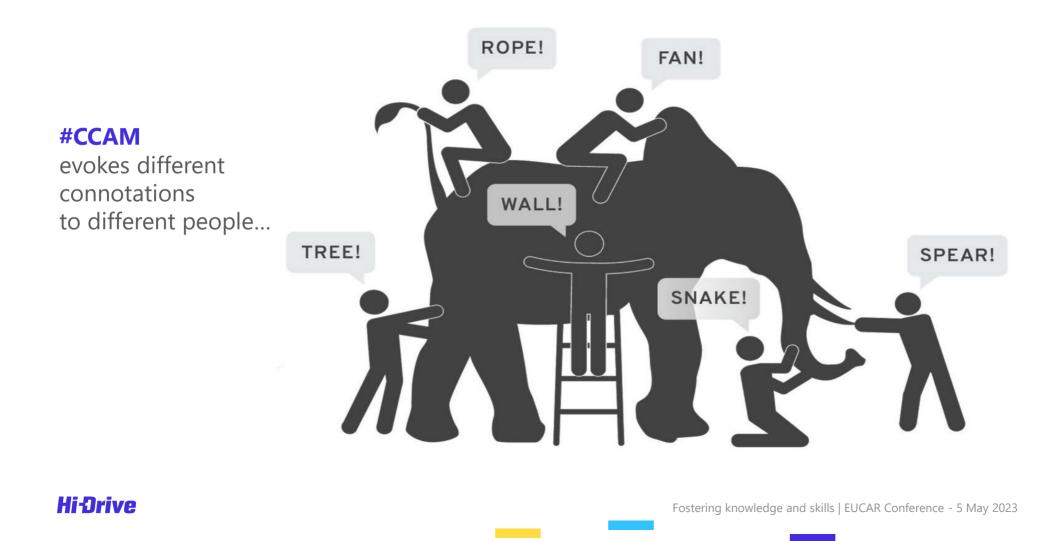
Automotive workforce: from engineer to multi-talent



Future workforce: evolvement of skills



Example: Common technology understanding as a basis for development



Fostering knowledge and skills The importance of EU flagships projects

Hi-Drive collaboration platform enables industry and academia partnerships:

Re-skilling of the existing talent pool

Exposes experienced engineers to key areas of emerging technology, thus adapt to the upcoming knowledge gap

Preparing future workforce

Develops specialist skills in key areas and prepares a pipeline of talents to meet current and future workforce needs

Creating a "sense of belonging"

Hi-Drive

Establishes a diverse environment empowering knowledge exchange and a sense of belonging to the the CCAM community

Constant adaptation of university courses and training programs
 Increases the educational value chain and bridges the gap between talent and technology

• EU- and world-wide knowledge harmonisation

Knowledge transfer through collaborative R&D, webinars, summers schools and public database

Example: Knowledge sharing



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Example: Knowledge transfer









Hi:**D**rive

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THANK YOU FOR YOUR KIND ATTENTION.

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