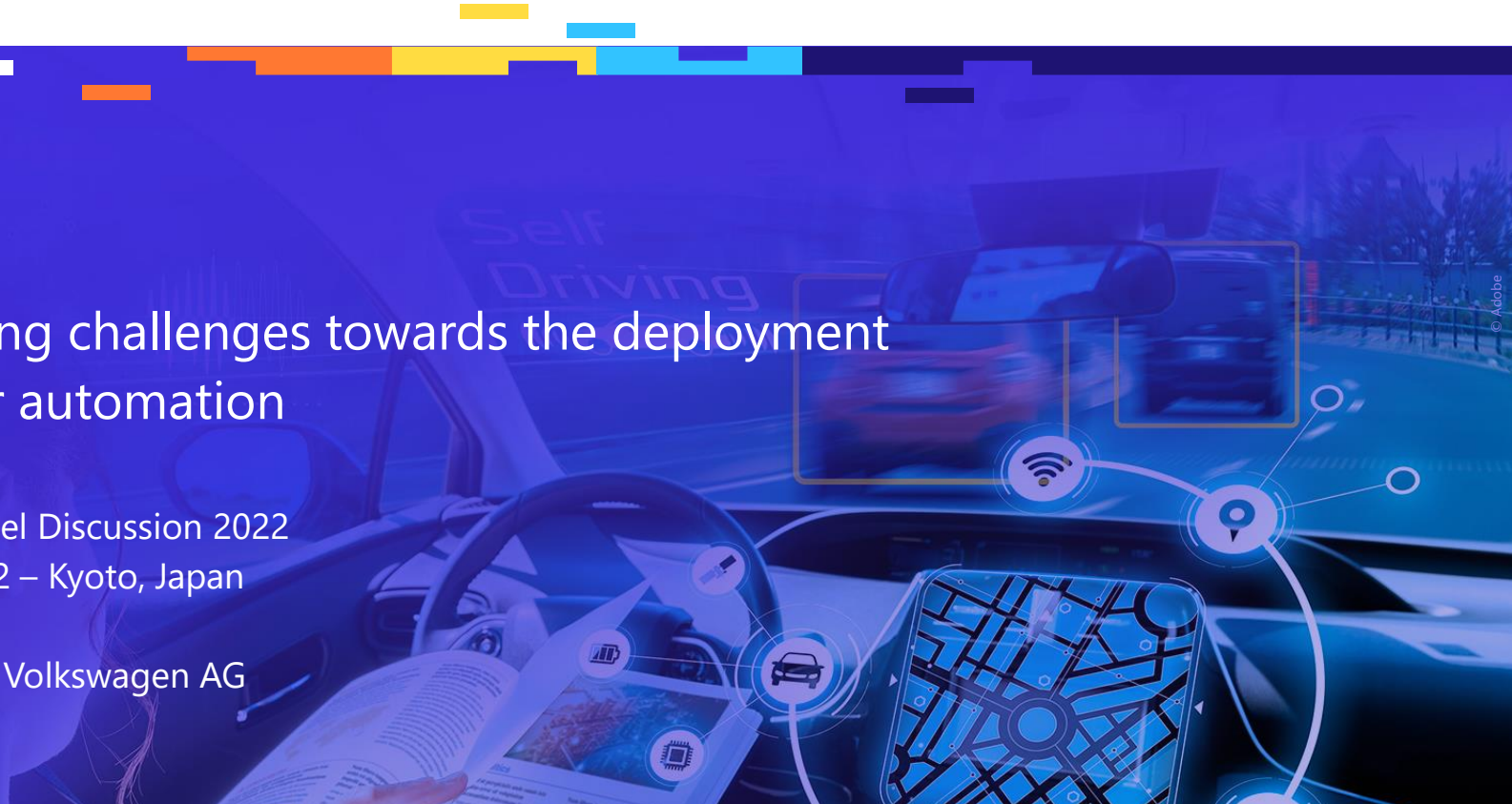


Addressing challenges towards the deployment of higher automation

SIP-adus Panel Discussion 2022
October 2022 – Kyoto, Japan

Aria Etemad, Volkswagen AG



Our history of automated driving – long lasting successful collaborations

Complexity

Hi-Drive

Designing Automation



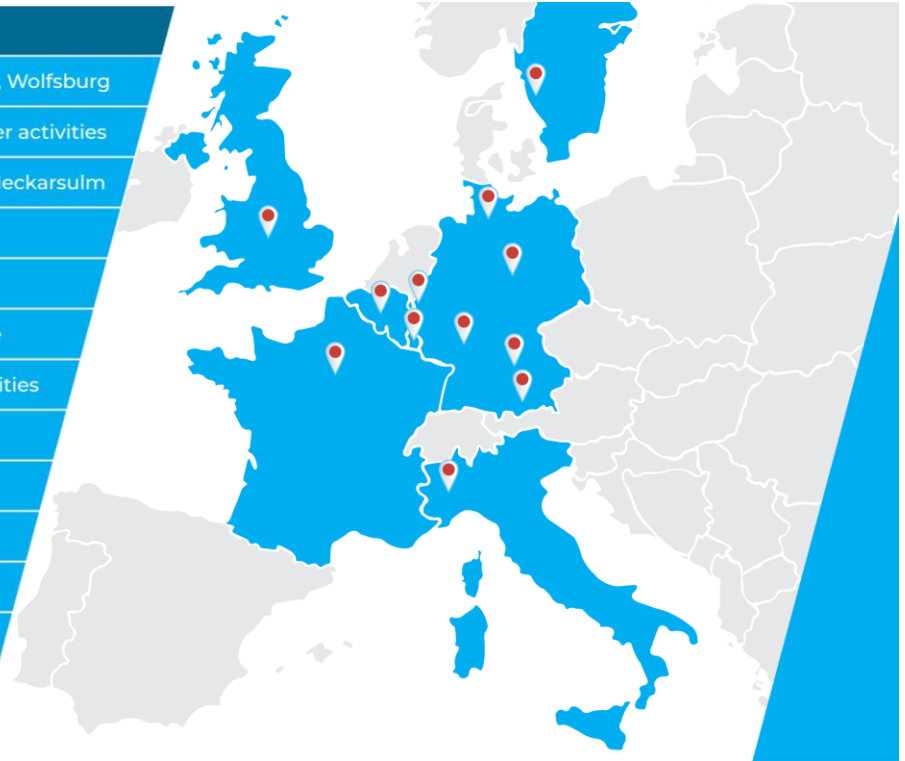
Time



Building on the achievements of L3Pilot

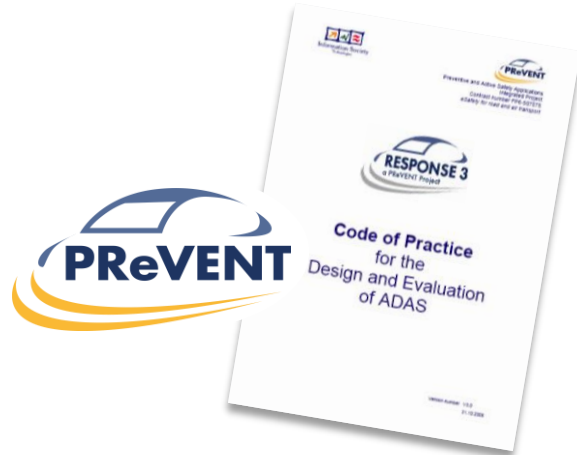


Partner	Country	Region
Volkswagen	DE	Hamburg, Wolfsburg
Aptiv	DE, LU, FR	cross-border activities
AUDI	DE	Ingolstadt, Neckarsulm
BMW	DE	Munich
CRF	IT	Turin
FEV	DE	Aachen, Cologne
Ford	DE, BE, UK	cross-border activities
Honda	DE	Frankfurt am Main
ika	DE	Aachen
JLR	UK	Coventry
STLA	FR, DE	cross-border activities
Renault	FR	Paris and other regions
Toyota	BE	Brussels
Volvo Cars	SE	Gothenburg



CODE of PRACTICE (CoP) - A short history

2008



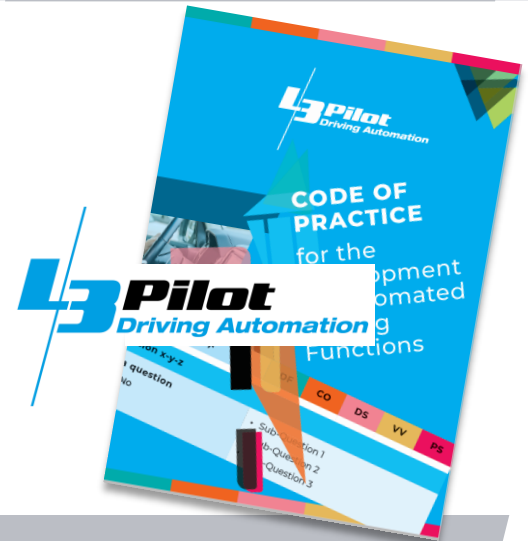
RESPONSE 3
„CoP ADAS“

2014 - 2017



RESPONSE 4
„Legal aspects AD“

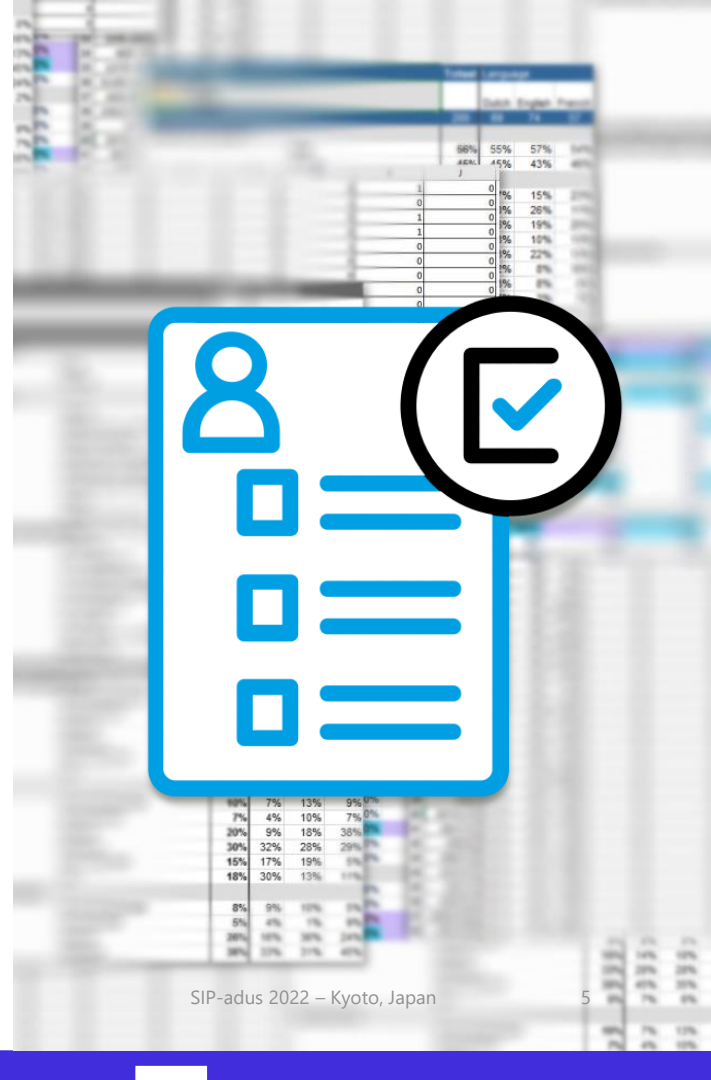
2017 - 2021



„CODE OF PRACTICE
for the dev. of ADFs“



USER ACCEPTANCE SURVEYS



L3Pilot User Acceptance Survey

Online survey on user acceptance of
SAE Level 3: Conditionally automated cars

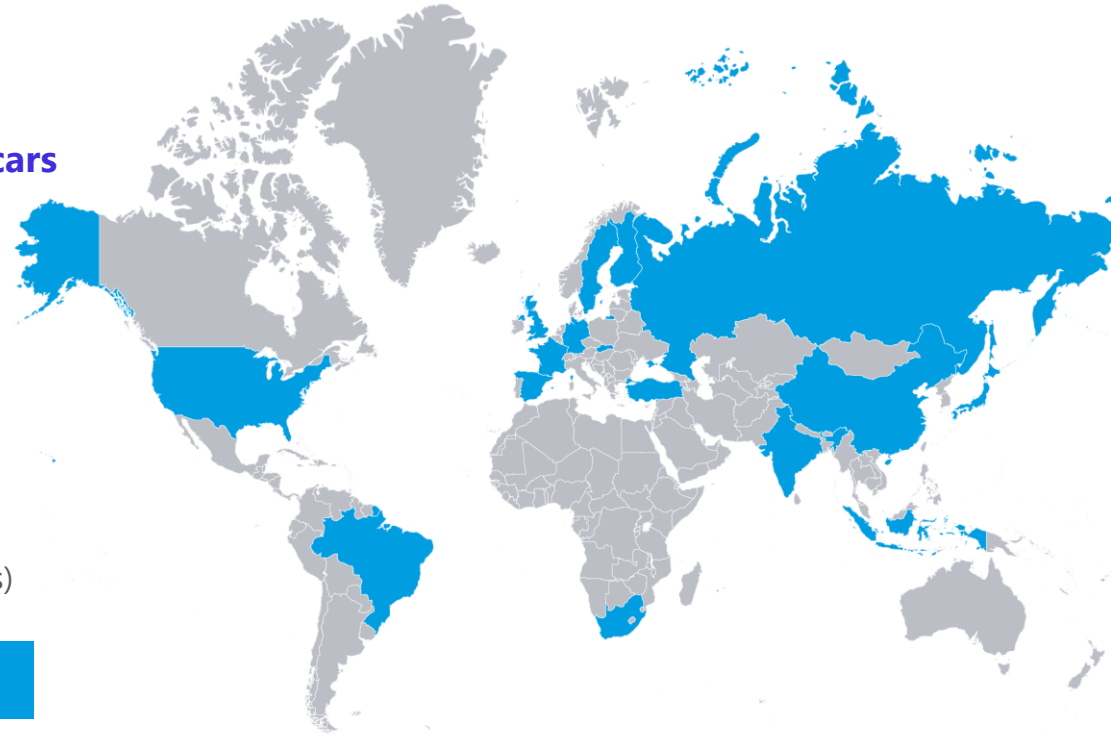
A global & long term perspective study:
5 Continents – 17 Countries

Data collection results:
36.402 car drivers surveyed

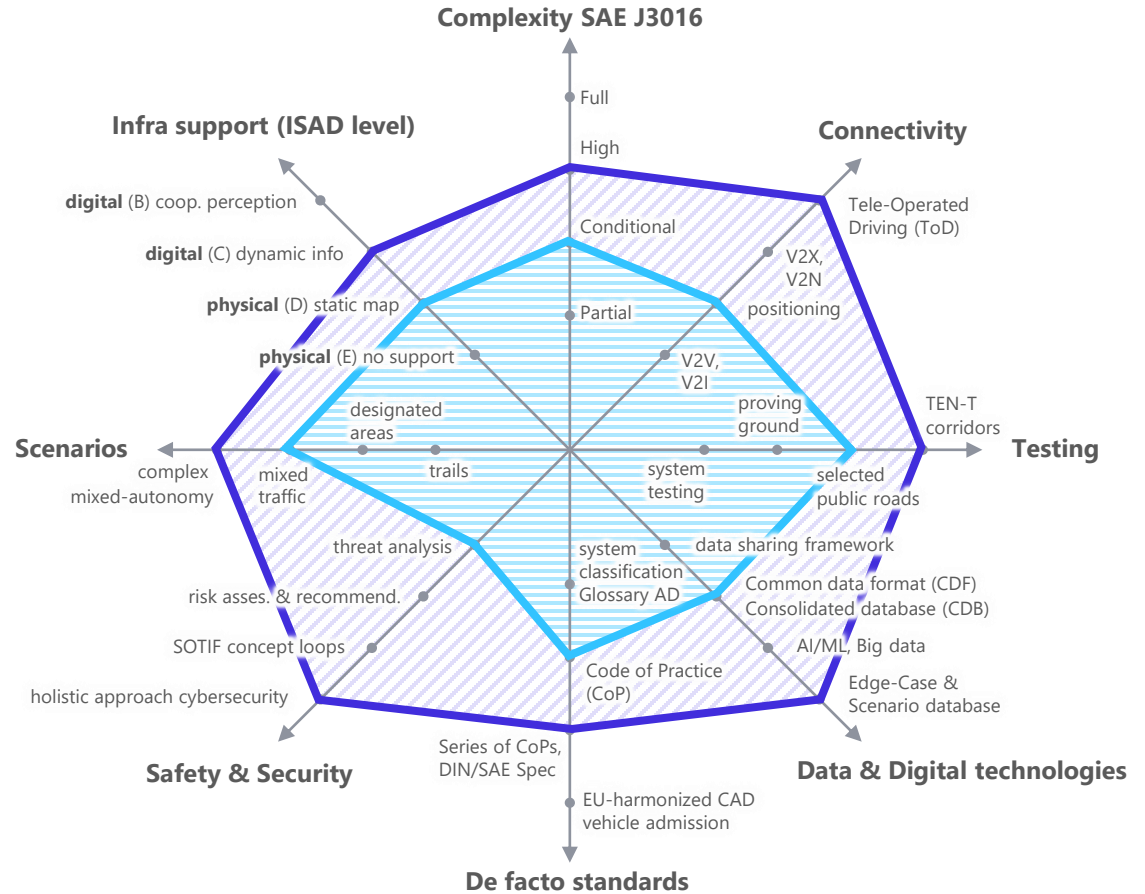
- May-June **2019** (9.118 drivers)
- February-May **2020** (9.513 drivers)
- January-February **2021** (9.339 drivers)
- Impact assessment survey **2021** (8.423 drivers)

L3Pilot survey publication:

<https://zenodo.org/record/5726603#.YyBeH6TP2Ht>



Challenges: technology



Recommendations

The image shows a laptop displaying the Hi-Drive website. The website has a blue header with 'Hi-Drive' and navigation links: 'CONCEPT', 'PROJECT', 'DOWNLOADS', and 'NEWS & EVENTS'. The main content area is yellow and titled 'DATA'. It features a section for '1. 3DHD CityScenes: High-Definition Maps in High-Density Point Clouds' with a 3D visualization of a city street scene. Below the image, there is text about the data's availability, applications, description, and a please note section. A large blue banner with white text 'www.hi-drive.eu/data' is overlaid on the laptop screen.

The background shows a Zenodo page for the dataset '3DHD CityScenes: High-Definition Maps in High-Density Point Clouds'. The page includes a search bar, user information, and various statistics like views and downloads. It also lists keywords, a meeting where the paper was presented, and a table of versions.



THANK YOU FOR
YOUR KIND ATTENTION.

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Hi-Drive

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