

Access to Data / Access to Market

Driving Future Platform

"Autonomous Driving and Data: Access, Ownership, Security"

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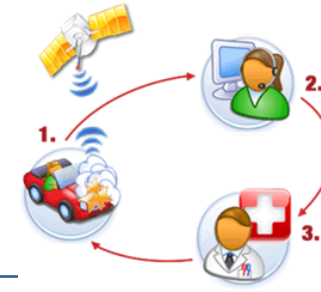
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C L E P A
*European Association of
Automotive Suppliers*

Background Access to Data

Legislative / Political



eCall

'Minimum Set of Data' sent to nearest emergency centre

European Commission DG MOVE	C-ITS Platform	<ul style="list-style-type: none"> • 5 guiding principles • Three models of access to in-vehicle data
	TRL Report	Report on Access to in-vehicle data and resources
European Commission DG GROW	GEAR2030	Competitiveness in the EU
	RICARDO Report	Focus on Repair and Maintenance Information
European Commission DG CNECT	Digital Single Market	Public Consultation: Building the European Data Economy

Access to Data



Available technical solutions

1. Direct access via OEM backend servers
2. Dongle solutions (via OBD-plug)
3. Black boxes

Situation:

- OEM create already services via their backend servers
- OBD not designed for permanent direct access to vehicles
- Without OEM to provide technical prerequisite no competitive direct access for third parties possible

Background Access to Data



Discussed future Technical Solutions

OUTSIDE the VEHICLE

DATA SERVER PLATFORM

Application accessing vehicle data from a remote server populated from vehicle



3 Technical Solutions:

- **Extended vehicle**
- Shared server
- B2B marketplace

INSIDE the VEHICLE

IN-VEHICLE INTERFACE

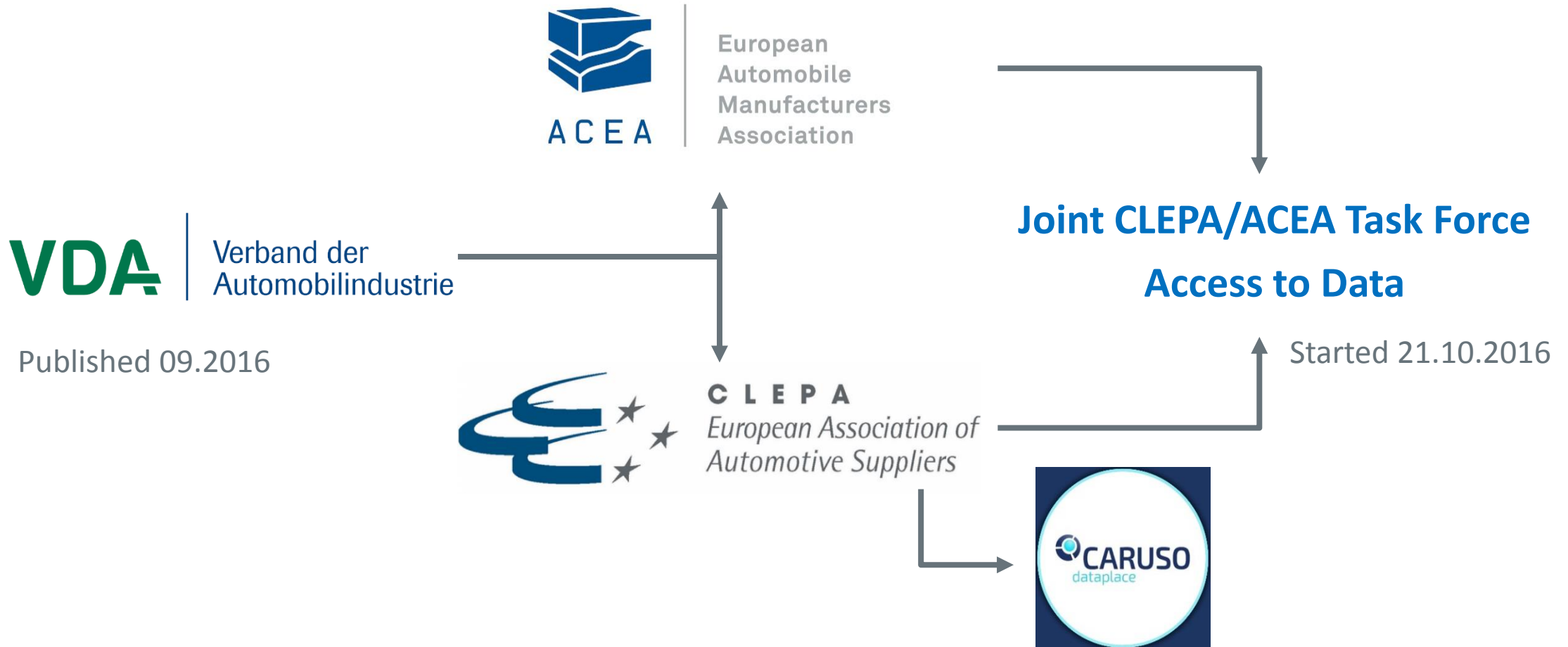
ON-BOARD APPLICATION PLATFORM

Application running on nomadic device (e.g. phone or other device) connected to the vehicle (possibly also using vehicle HMI, but application processes are running outside the vehicle environment)

Application accessing data from the vehicle and fully integrated into the vehicle system and HMI

Background Access to Data

Automotive Industry



Status of the Discussion



CLEPA – ACEA Task Force

- Definition of «**use cases per data category**», «**role of neutral server**» and «**operational and legal requirements for the flow of data**»
- **Pilot use case** «Oil companies offers freebee using fuel level data» realised and technical feasibility confirmed with 3 different neutral servers.
- Agreement on the «**content of a Proof of Concept**» and necessity to analyse use cases of different stakeholders.
- Necessity Definition «**basic principles**» regarding monitoring, writing access, disclosure of customer details, connectivity over vehicle life-time, etc.

Open Topics



Access to Data / Access to Market

- Monitoring of data flow and disclosure of customer details
- Bi-directional communication from and to vehicles via neutral servers (access to vehicle display, triggering of data refresh and events, ..)
- Basis data set per vehicle
- Possibility of aggregation of data in the vehicle
- Availability and cost of the connection via OEM over the lifetime of a vehicle
- Restrictions of current OBD functionalities