HOW TO USE VEHICLE DATA FOR VEHICLE INSPECTION
VEHICLE DATA PRODUCTION

CONNECTED VEHICLE
Aftermarket Telematic

FACTORY
Vehicle Manufacturing

CONNECTED WORKSHOP
Maintenance

PTI
Inspection

CONNECTED WORKSHOP
Repairs

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EXAMPLE OF USE CASE

Type Approval

Plant

Continuous Inspection

Emission check OK

Brakes defect

Vehicle

Vehicle Inspection

Workshop

OEM Data

Inspection result

Pre-diagnostic, time saving, focus on pre-detected default

Vehicle Lifecycle

Workshop
EXISTING LOCKS

**LEGAL**
- Who is the owners of these data?
- Who is allowed to manipulate these data?
- Where these data are stored?
- Who will monitor and fix the data management rules?

**ETHICAL**
- Which benefits? (E.g. road safety, climate change/control, mobility)

**TECHNICAL**
- What are the useful data? (Vehicle identification, mileage, defects, repairs, ...)
- Standardized technological interfaces and behavior
- Standardized exchange data format

**BUSINESS**
- Global business plan for periodical technical inspection?
BACK TO OUR USE CASE

Type Approval

Plant

Continuous Inspection

Vehicle

Workshop

OEM Data

Pre-diagnostic, time saving, focus on pre-detected default

Vehicle Lifecycle

Vehicle Inspection

LEGAL

TECHNICAL

BUSINESS

Workshop
TO CONCLUDE

To reach this goal, we need to **INITIATE**
A common data management process between

**ALL ACTORS OF THE VEHICLE LIFECYCLE CHAIN**

From OEM, to garage equipment’s suppliers, operators including states, legal parties and NGO