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

FACTORY
Vehicle Manufacturing
EXAMPLE OF USE CASE

Continuous Inspection

Type Approval

Plant

Emission check OK

Brakes defect

Vehicle

Vehicle Inspection

Vehicle Lifecycle

Workshop

Workshop

OEM Data

Inspection result

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