

# HOW TO USE VEHICLE DATA FOR VEHICLE INSPECTION

CITA – April 2019

# VEHICLE DATA PRODUCTION



# EXAMPLE OF USE CASE

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

Type Approval

Plant

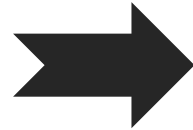
Emission check OK  
Continuous Inspection

Vehicle

Workshop

OEM Data

Brakes defect



Vehicle Lifecycle

Workshop

Inspection result

# 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 ?



## TECHNICAL

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



## ETHICAL

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

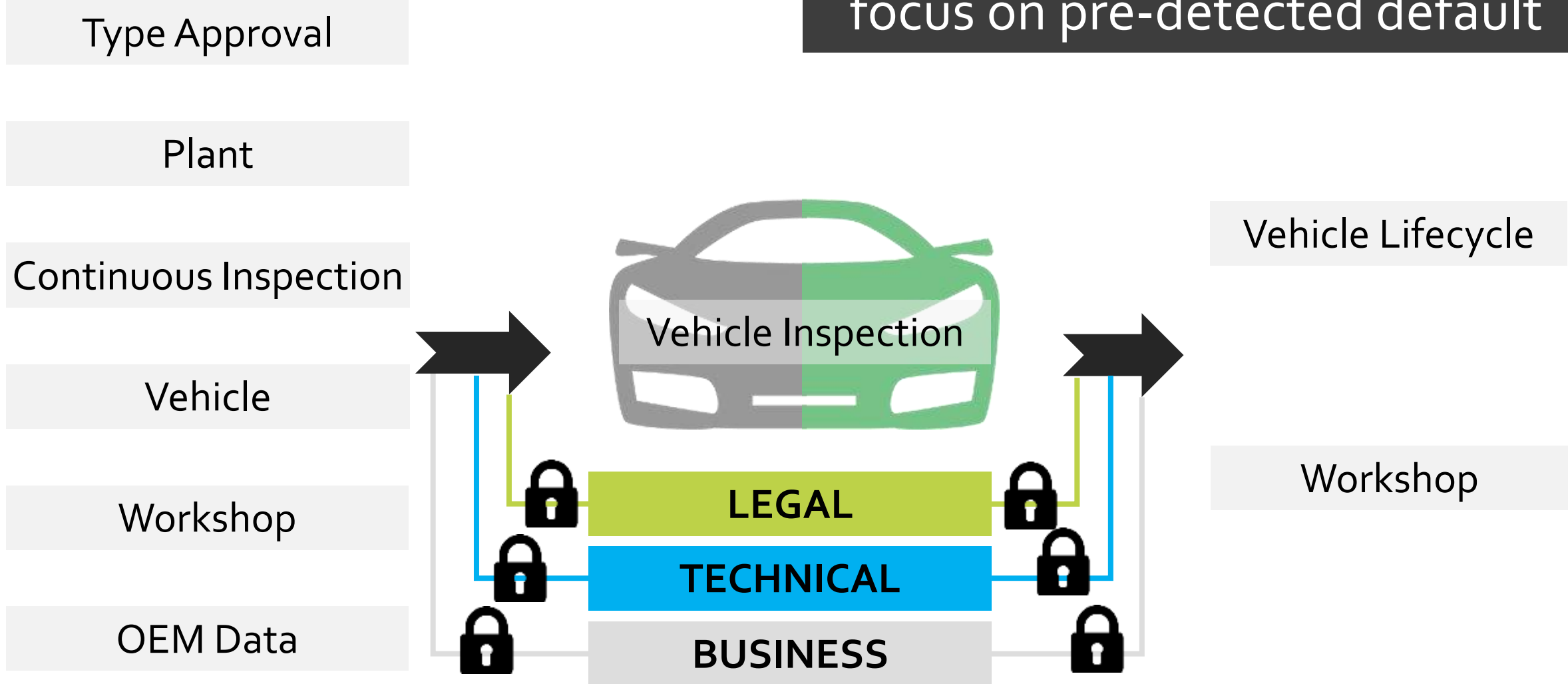


## BUSINESS

- Global business plan for periodical technical inspection?

# BACK TO OUR USE CASE

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**





THANK YOU