DAILY SEMINAR

Peta Jalan / Roadmap Pengujian Kendaraan di Indonesia

Tuesday — 16 August 2022 — ICE BSD City, Tangerang

FUTURE AUTOMOTIVE TECHNOLOGY TREND

❑ Future Technology Automotive

A. Environmentally friendly vehicle driving technology

Vehicle Technology (*Hybrid Electric Vehicle, Plug-in Hybrid Electric Vehicle, Fuel Cell Electric Vehicle, Battery Electric Vehicle*)

Development of vehicle technology with **Low Emissions** and the impact of green house gases (CO2)

B. Technology *Autonomous Vehicle*

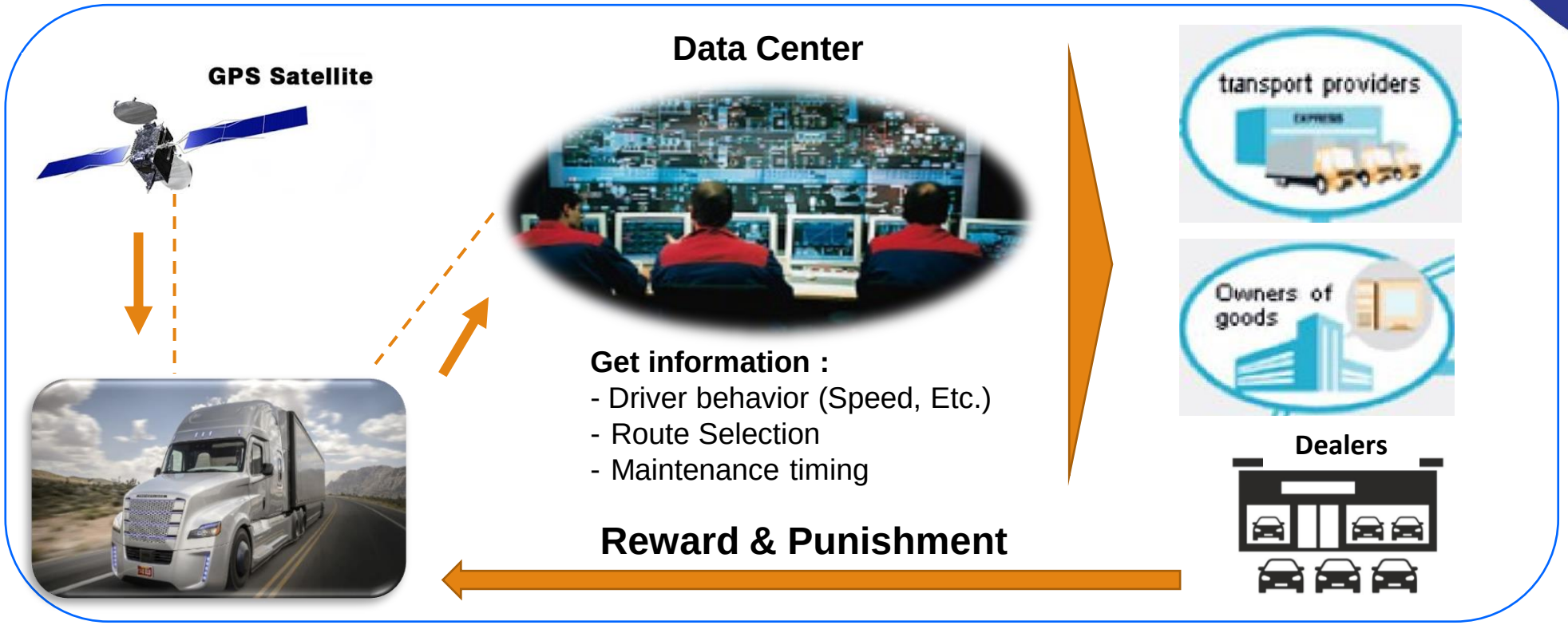
Technology to drive vehicles towards **automation**

C. *Vehicle Connectivity (V2X)*

ITS (*Intelligent Transportation System) connections with V2V (Vehicle to Vehicle*) or V2i (*Vehicle to Infrastructure*), V2N (*Vehicle to Network*) & V2P *(Vehicle to Pedestrian*)

FUTURE AUTOMOTIVE TECHNOLOGY TREND

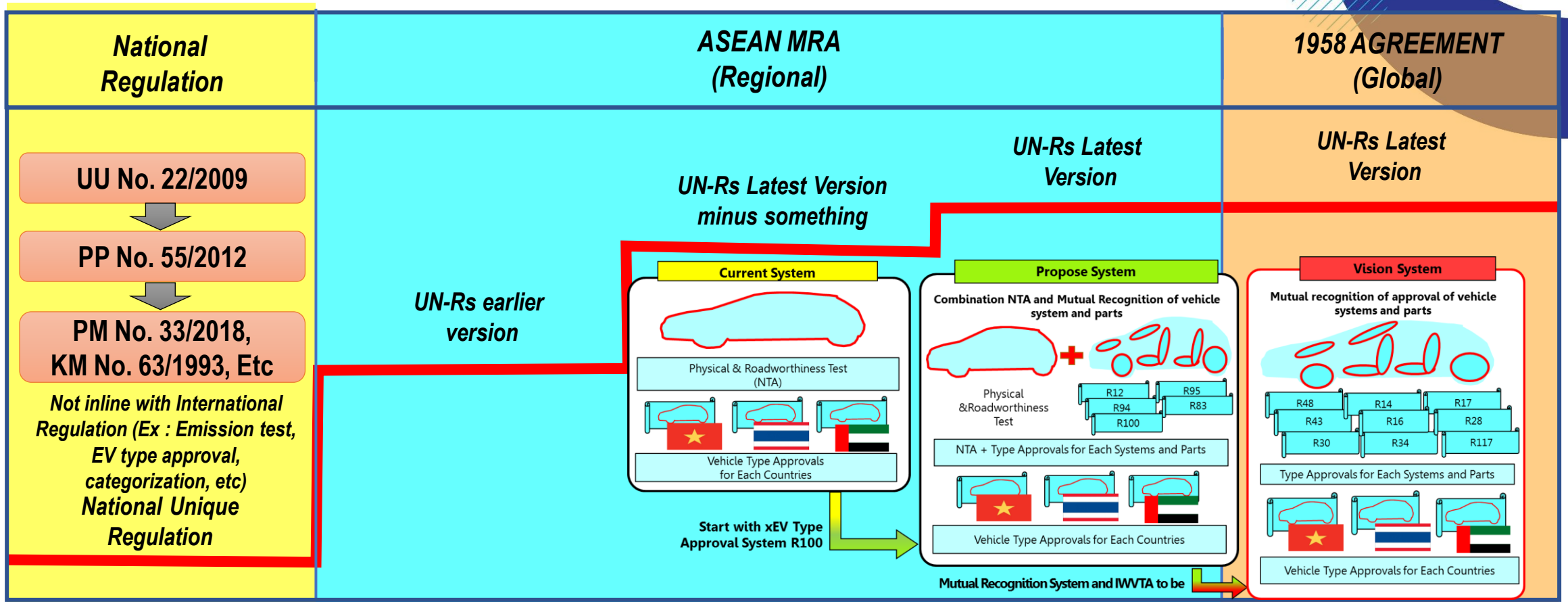
❑ Human (Driving Behavior) – Internet of Things (IOT)



Fleet Management System

Utilization of IOT in order to support in controlling driver behavior **using IT system**

HARMONIZATION OF VEHICLE REGULATION



To **cope with Auto Industry policy** as well as **Technical Regulation trend** both in Regional and Global, need to create **Roadmap of Technical Regulation** and its **Testing facility in Indonesia**