## 10th Public and Private Joint Forum in Asian Region

**Report on the WP29 (Panel discussion)**

# ALLIGNMENT OF MOTOR VEHICLE REGULATORY WITH WP29 FRAMEWORK IN MALAYSIA

**Automotive Engineering Division**
**ROAD TRANSPORTDEPARTMENT (JPJ)**
**MALAYSIA**

# 1. Status as contracting party of 1958 or 1998 agreement

United Nations

## MALAYSIA join WP29 on 4th April 2006

**Agreement 1958**
**(UN Regulations (UNR)**

**Agreement 1998**
**(UN Global Technical Regulations (GTR)**

**In ASEAN Region:**

- **Malaysia**
- **Thailand**

JPJ - HQ Office in Putrajaya

# 1. Status as contracting party of 1958 or 1998 agreement

## OBJECTIVE (vehicle regulations aspect)

### fatalities index

**To reduce the road casualties** and fatalities index

### Vehicle Safety

**To increase the safety features, quality, performance** of motor vehicle and its component / system

### UN Regulation

**To implement the UN** Regulatory & **adapt the WP29** framework

UNECE

ITC

WP29

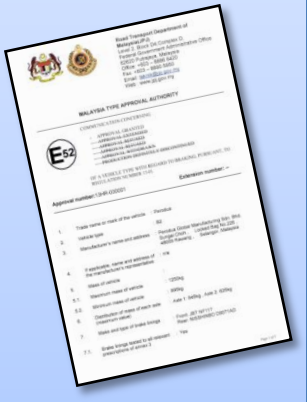
6 GRs

### VTA Procedure

To establish the comprehensive **Vehicle Type Approval (VTA) Procedure**

### UNR Certification

To promote and inculcate vehicle safety concept through **E52 UNR certification**



# 2. History (Experiences) of participation in WP29

**MALAYSIA join WP29 on 4th April 2006**

Start to gazette UN Regulation under Road Transport Rules

**2007**

JPJ **have gazette UNR 66 :** strenght of bus superstructure

**2008**

JPJ have officially recognized by WP29 as ***Type Approval Authority* (AA) for Malaysia**

**2012**

JPJ **have designated some *Technical Service* (TS) under UN Type Approval System**

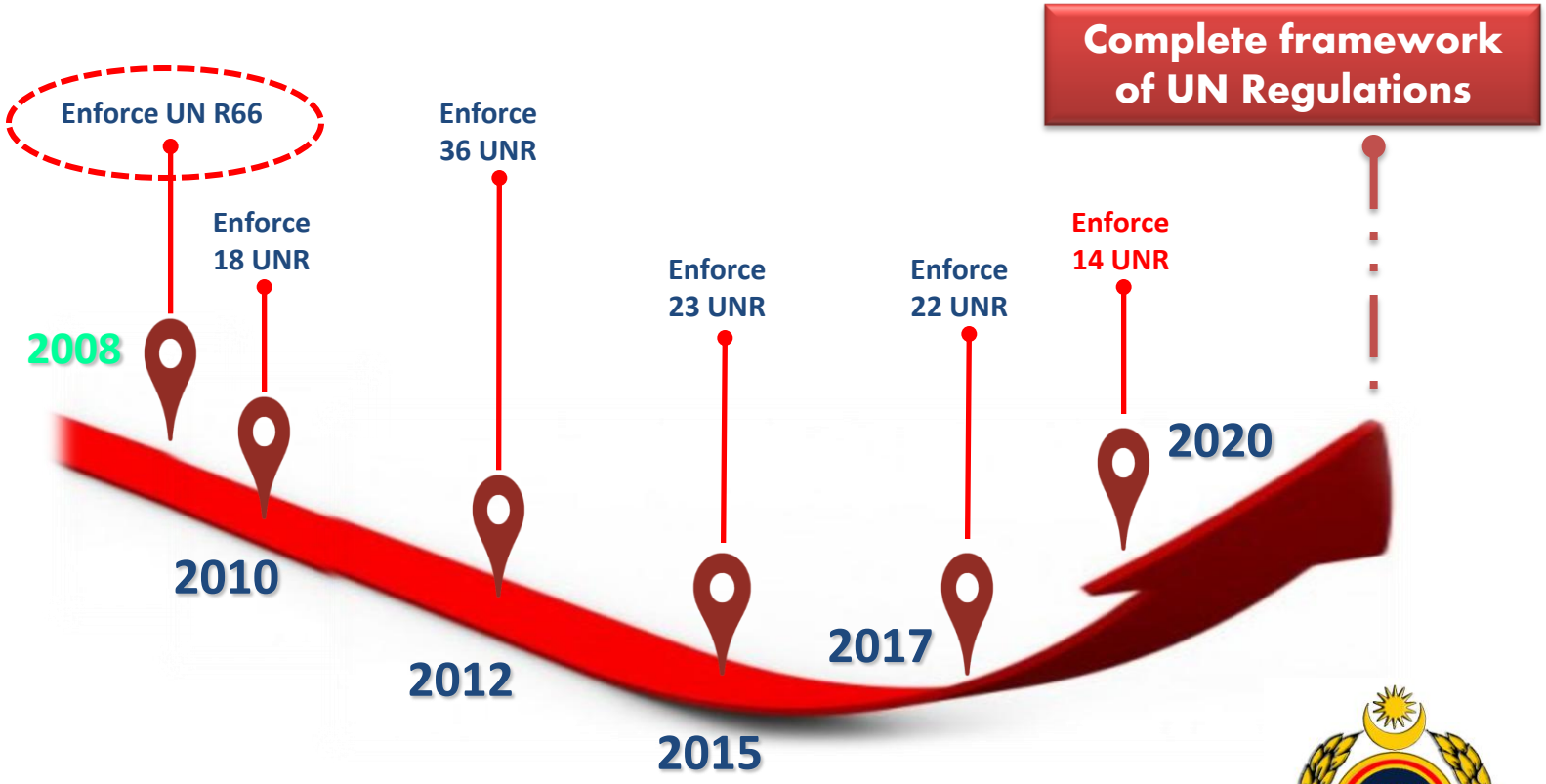
**2012**

United Nations

Attend WP29 Meeting in UN periodically

# 2. History (Experiences) of participation in WP29

## UN Regulations Roadmap in Malaysia 2010 - 2020



# 2. History (Experiences) of participation in WP29

## Overall Implemented UNR : **100 UNR**

- **Increase safety features** of motor vehicle & **reduce pollution**;
- **Compliance standard :** vehicle safety & performance, environment & anti-theft

will reduce **technical barrier to trade (TBT)** in automotive sector

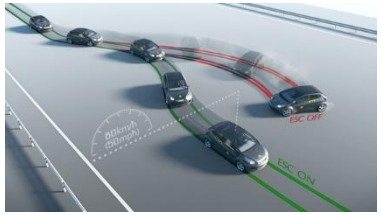
*Braking System*

*Construction of bus*

**Halogen Headlamp**

**Warning Triangles**

*crash roadworthiness*



*Electronic Stability Control (ESC)*

*Construction of tires*

**Headlamp & light for motorcycle / moped**

**Motorcyclist Helmet**

*Rear View Mirror*

**Seat & Seat Belt**

**Emission & Noise**

**Installation of light & signalling**

# 3. Current Challenge & Obstacle in Malaysia

WP29 Framework & UN Type Approval

Limited Knowledge & Competency

United Nations

- JASIC Expert Meeting;
- JASIC PP Forum;
- MAJAICO Program;
- Cooperation JPJ – MLIT
- Technical Services (TS)

Seminar / Forum

Meeting

Training

Limited Testing Facility & Test Bed

Vehicle & product Testing

Ecosystem

Collaborate with local automotive agency

DOE | MARii | MIROS

SIRIM | LGM | Designated TS

+

Vehicle Manufacture

Conduct collaboration

MAA | MASAAM

MALAYSIAN AUTOMOTIVE ASSOCIATION

MASAAM
Motorcycle & Scooter Assemblers And Distributors Association of Malaysia

# 4. Future Direction JPJ under WP29 framework

- **To enhance the involvement of JPJ** as Type Approval Authority at the level of WP29 and 6GRs;

- **To strengthening the role of JPJ** as the leading agency of the implementation of WP29 framework in Malaysia; and

- **To empower the competency and knowledge / technical skills** of JPJ's officer with regards to the WP29 framework and the UN Type Approval System.

# THE END
# THANK YOU

AUTOMOTIVE ENGINEERING DIVISION

**ROAD TRANSPORT DEPARTMENT (JPJ)**

**MALAYSIA**