

Relation between Vehicle Type Approval System and UN Regulation

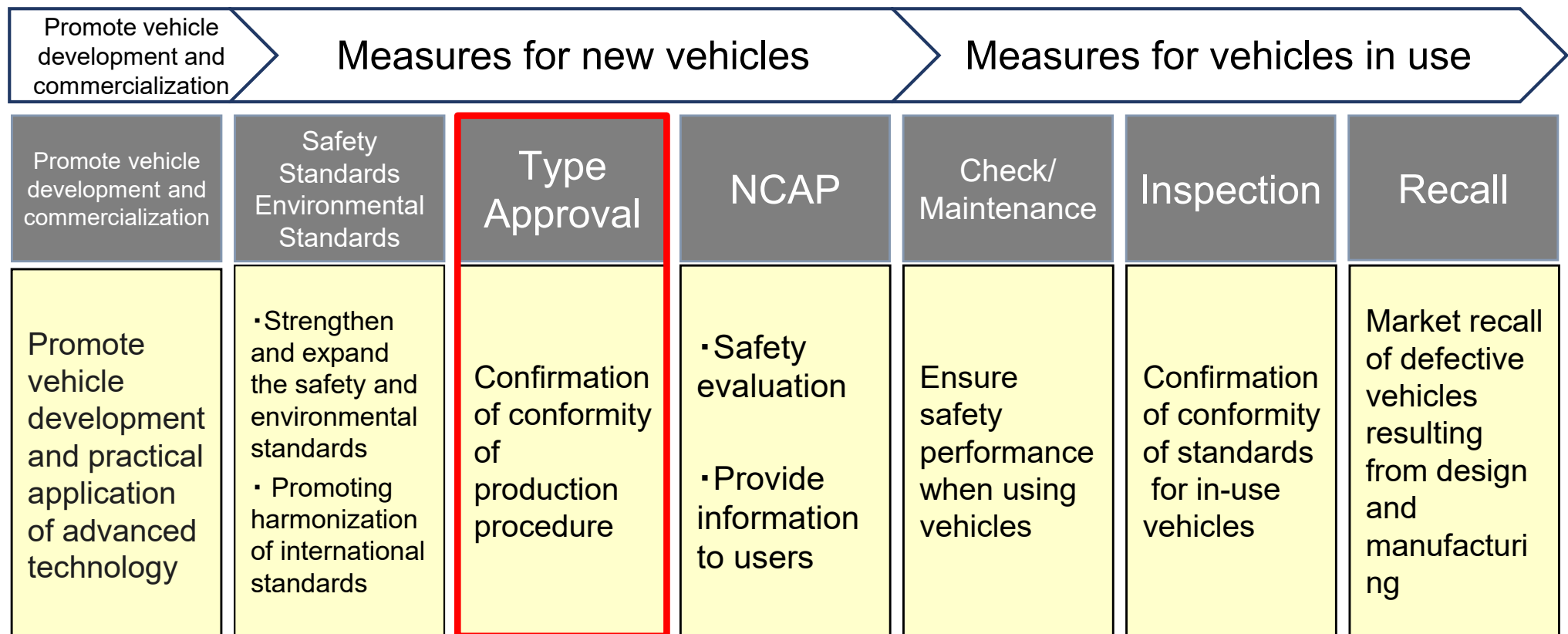
- Vehicle Type Approval System in Japan -

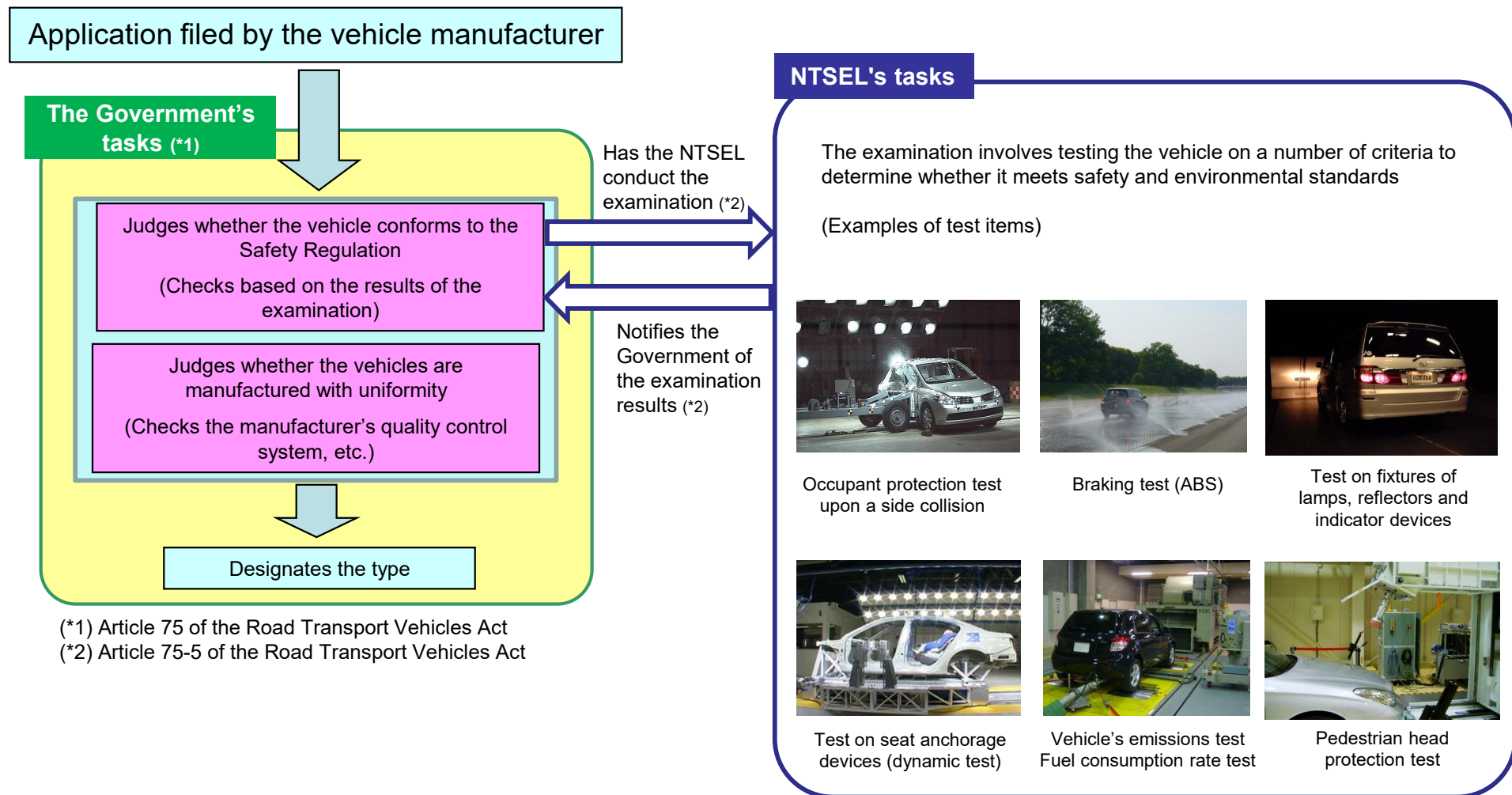
International Affairs Office

Vehicle Regulation and International Affairs Division Logistics and Road Transport Bureau, MLIT

- MLIT promotes integrated safety and environmental measures from vehicle development to measures for new vehicles and vehicles in use as part of its automotive technology administration.

Framework for Safety and Environmental Measures - from vehicle development to end of life -





What is the type designation system?

When a vehicle manufacturer produces or sells a vehicle, they must apply to the Minister of Land, Infrastructure, Transport and Tourism in advance and undergo inspections that examine whether the vehicle conforms to the Safety Regulation and the manufacturer ensures proper quality control (uniformity).

Type-designated vehicles are exempt from presenting the actual vehicle at the time of inspection for new car registration.

WVTA (Type Designation of Vehicle)

< Vehicle Information >

Vehicle Type
Category

< Technical Requirement >

Adopted UN Regulation

IWVTA

Brake (R13H)
Seat (R17)
Tyre (R30,
R117)
Mirror (46)
Meter (R39)
Glazing (R43)
...

43 UNRs

Individual UNR

LDWS (R130)
AEBS (R131)
EDR (R160)
...

36 UNRs

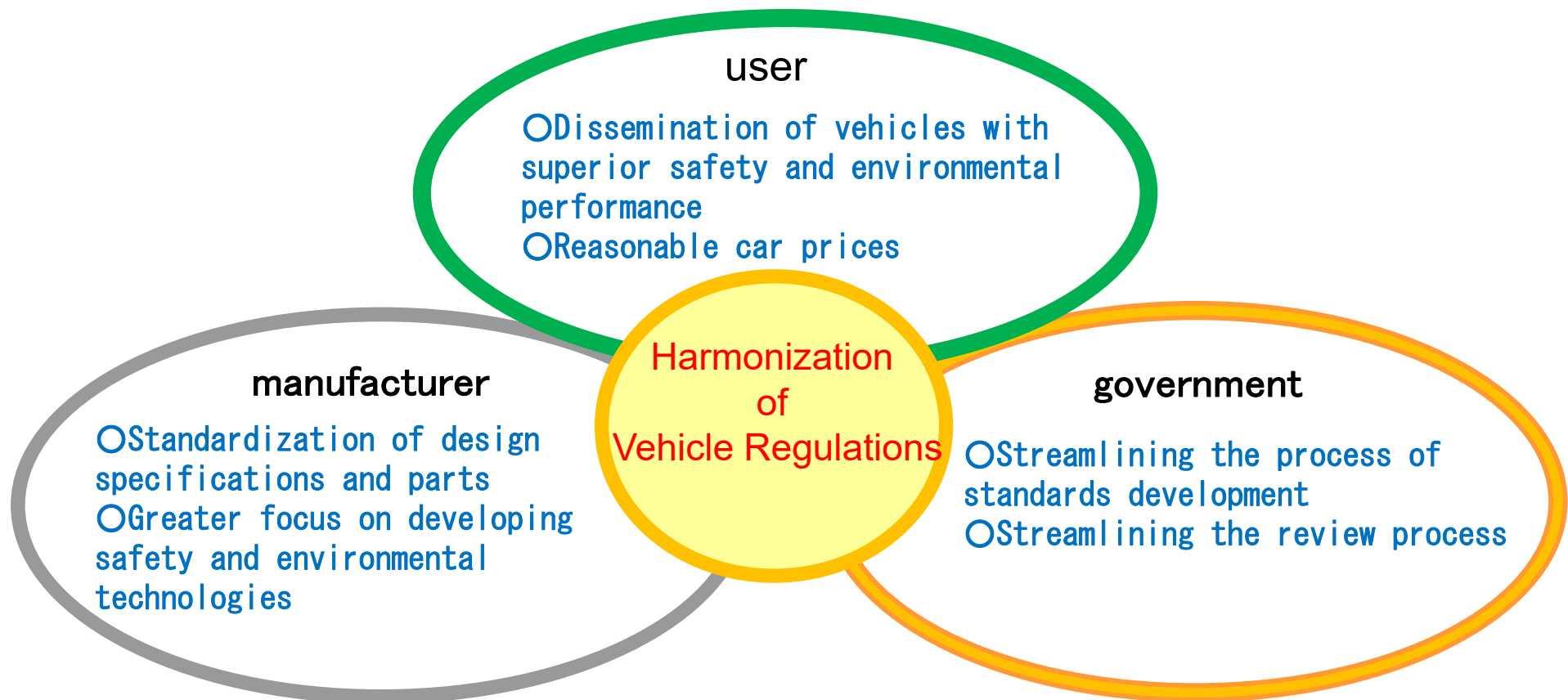
Unique Requirements*

Dimension
Weight
Min. Clearance
Axle Weight
...

**79 UNRs Japan has adopted
for M1 as of 2025 April**

Unique requirements: Technical requirements not covered by UN regulations.

- The harmonization of automotive standards and the Reciprocal recognition of type approvals will enable the global deployment of vehicles with high levels of safety and environmental performance
- In addition to reducing administrative costs, it allows the industry to cut development, certification, and production expenses by adopting unified design specifications and common parts, establish globally adaptable supply chains, and ultimately concentrate more on advancing safety and environmental technologies.
- The widespread adoption of vehicles with superior safety and environmental performance, along with cost reductions that lead to lower vehicle prices, also brings significant benefits to automobile users.



Thank you for your attention !