

***“Imagine World”* for all stakeholders** **Users/Governments/Vehicle Mfrs./ Part Mfrs.**

The 16th Public and Private Joint Forum in Asian Region
November 25-27, 2025



JAPAN AUTOMOBILE STANDARDS INTERNATIONALIZATION CENTER



Chairperson ASEAN Sub-Committee
JAPIA Regulation and Certification System Committee
Tomoki KUWABARA

1. **Contribution** to society
2. **Review** of JAPIA presentation in the Forum
3. Realization of “**Imagine world**”
4. **Positioning** of component type approval under UNR
5. Industry Concerns Regarding Type Approval System
 - 5-1. **Establishment of multiple technical requirements**
 - 5-2. **Establishment of type approval systems in each country**
 - 5-3. **Duplicate Authentication for the Same Component**
6. Beyond the ‘**Imagine World**’
7. **Future image** of activity by JAPIA
8. Summary

Automobile industry's mission

User Needs

- Convenience
- Comfort
- Safety



Sustainability



GOOD HEALTH
WELL-BEING



AFFORDABLE
CLEAN ENERGY



INDUSTRY
INNOVATION
INFRASTRUCTURE



SUSTAINABLE
CITIES AND
COMMUNITIES



CLIMATE ACTION



**Contribution
to society
-Brilliant future-**

**JAPIA would like to contribute to achieving
the brilliant future as automobile industries.**

JAPIA has advocated “Imagine world”.

*Imagine no possessions
I wonder if you can
no need for greed or hunger
a brotherhood of man
Imagine all the people
sharing all the world...*

~John Lennon~



~Imagine world~

*you may say I'm a dreamer
but I'm not the only one
I hope someday you'll join us
and the world will be as one*



“Imagine world”

UNR certificate adoption



1958 Agreement

Area type approval adoption

Area Mutual Recognition Agreement

National Type Approval

JAPIA looks forward to moving step by step toward an international type approval system!

4. Positioning of component type approval under UNR

- There are 3 regulation types.

(1)Vehicle reg. only

(2)Vehicle & Component reg.

(3)Component reg. only

No.	UN-R	Name of UN Regulation	Component	System
1	13	Heavy Vehicle braking	-	X
2	13H	Braking of passenger cars	-	X
3	14	Safety-belt anchorages	-	X
4	16	Safety-belts	X	X
5	17	Strength of seats, their anchorages and head restraints	-	X
6	25	head restraints (headrests)	-	X
7	28	Audible warning devices	X	X
8	30	Tyre for passenger cars and their trailers	X	-
10	39	Speedometer and odometer	-	X
11	40	Emission of gaseous pollutants by motor cycles	-	X
12	41	Noise emissions of motorcycles	-	X
13	43	Safety glazing	X	X
14	46	Devices for indirect vision	X	X
15	49	Emissions of C.I. and P.I. (LPG and CNG) engines	-	X
16	51	Noise of M and N categories of vehicles	-	X
17	54	Tyre for commercial vehicles and their trailers	X	-
18	75	Tyre for L-category vehicles	X	-
19	79	Steering equipment	-	X
20	83	Emissions of M ₁ and N ₁ vehicles	-	X

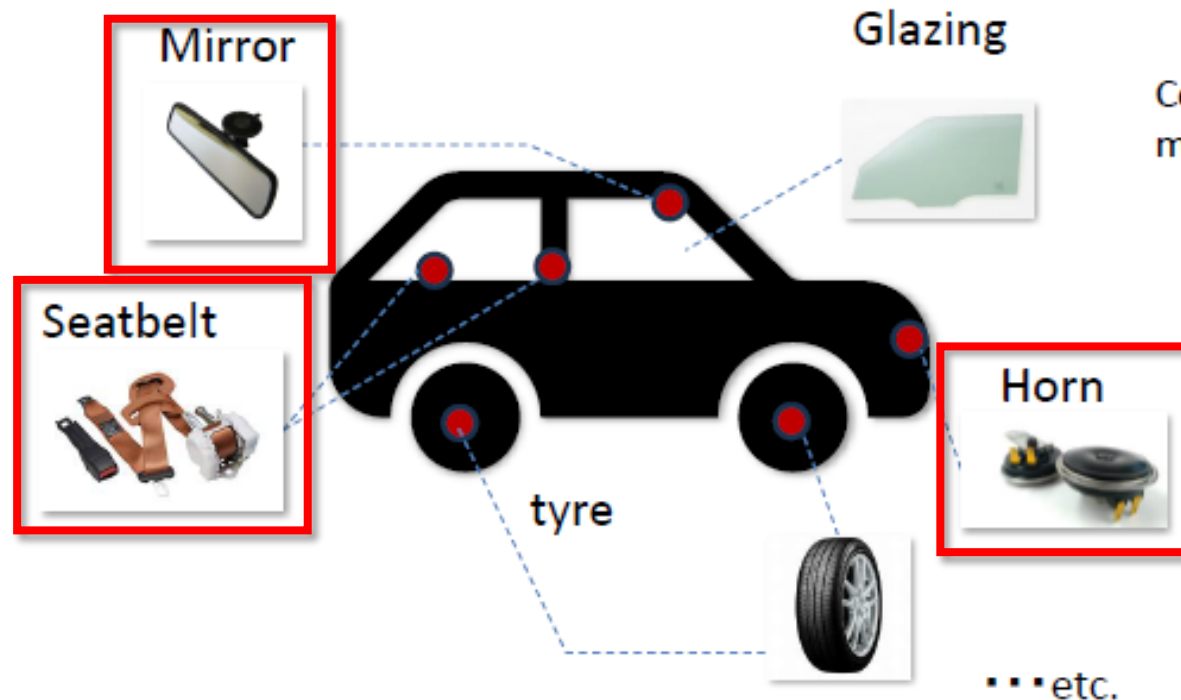
JAPIA will mainly explain the component type approval for products as shown here.

4. Positioning of component type approval under UNR

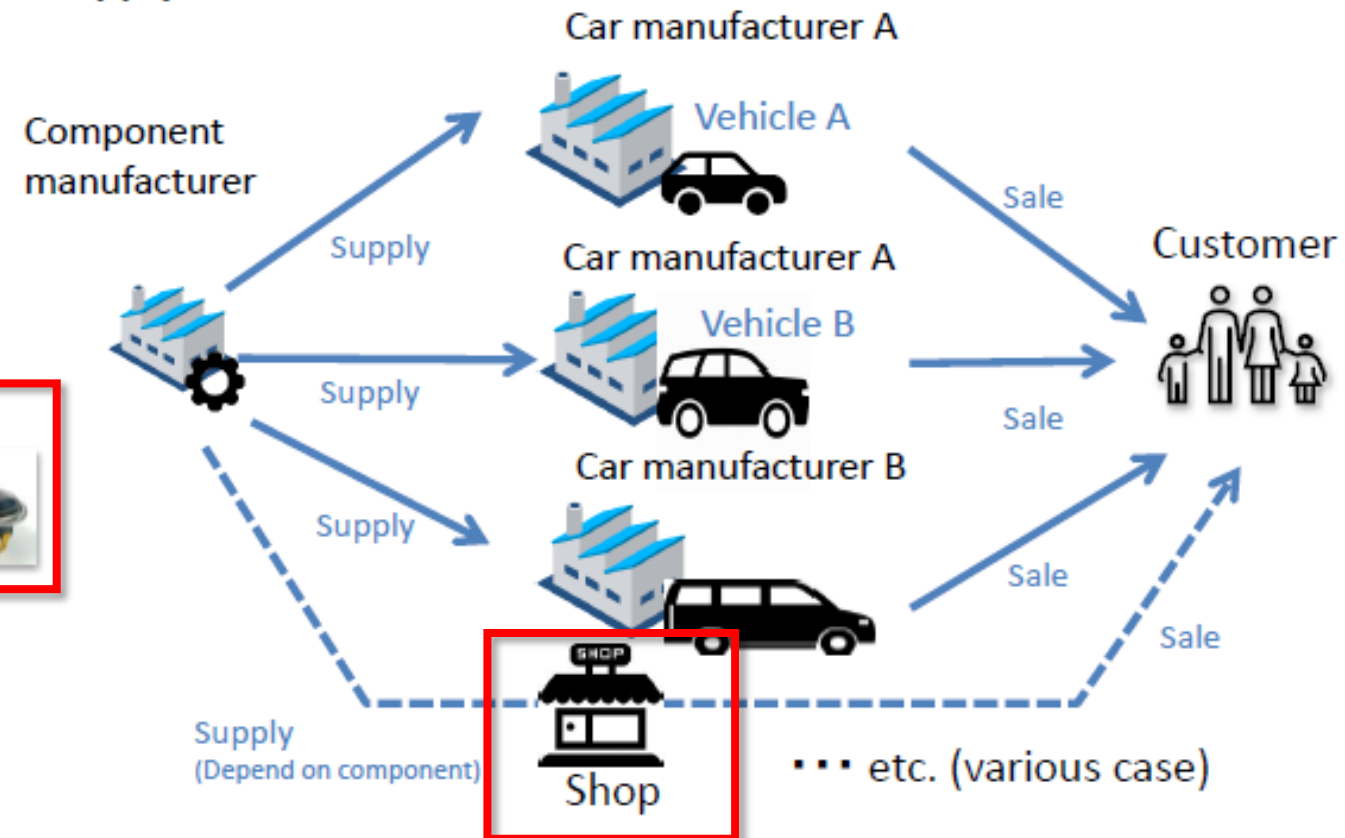
2) Supply/Sales destination

- Components are used widely in variety of vehicle types/manufacturers.

➤ Vehicle and Components



➤ Supply/Sales destination



These components can be certified for part of the vehicle certification by parts alone.

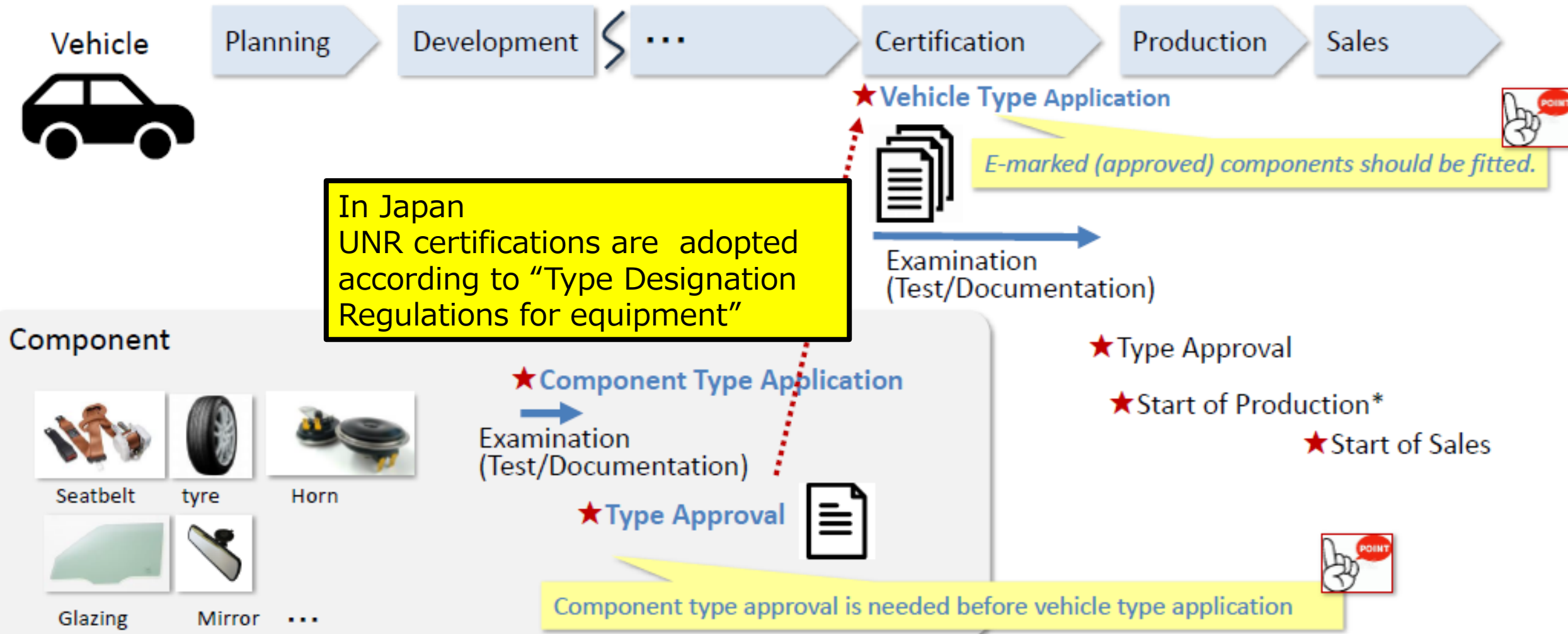
= **Component type approval**

These components are supplied to dealers as single items for repair etc..

4. Positioning of component type approval under UNR

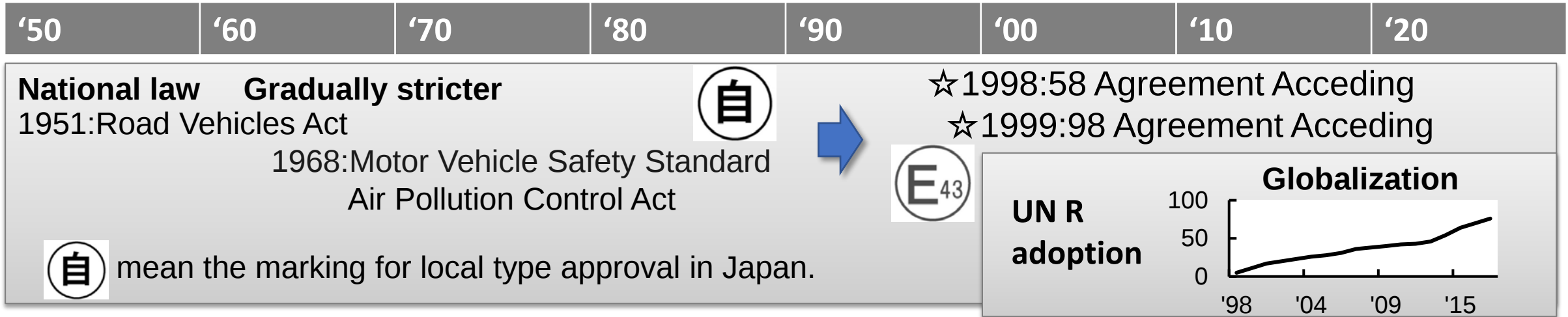
■ Component type approval has to be included in vehicle type application.(UN-R case)

<Rough development process (Image)>



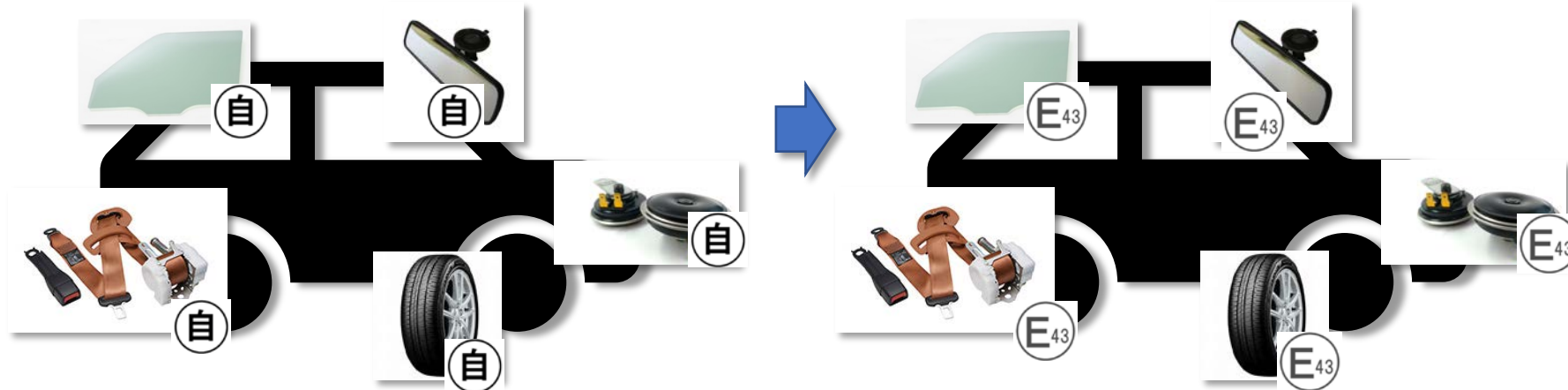
4. Positioning of component type approval under UNR

-Transition of Japanese type approval regulation-



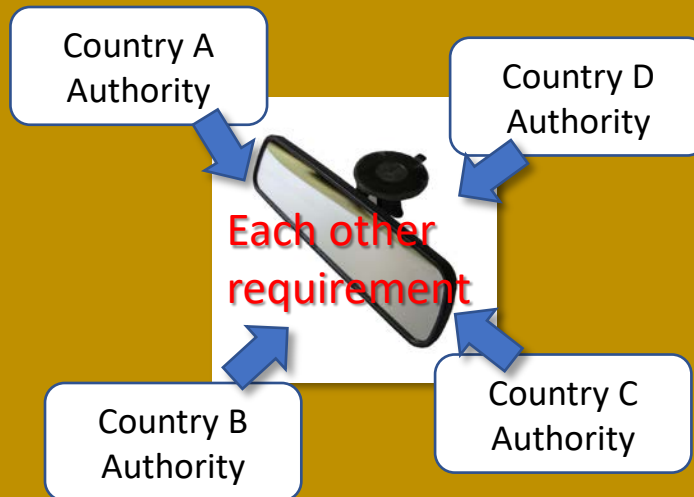
Type approval valid only in Japan

World wide type approval

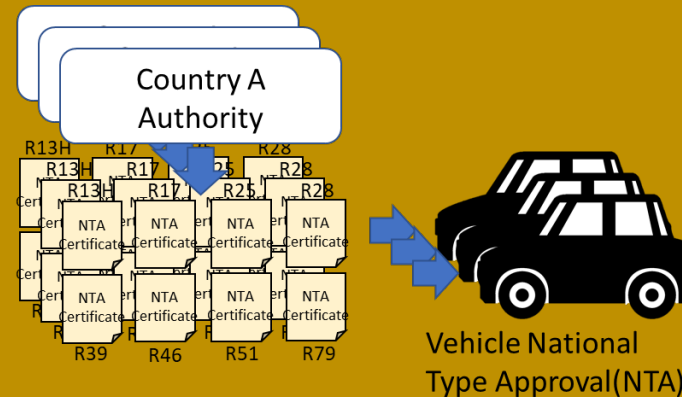


-Three major concerns for type approval system-

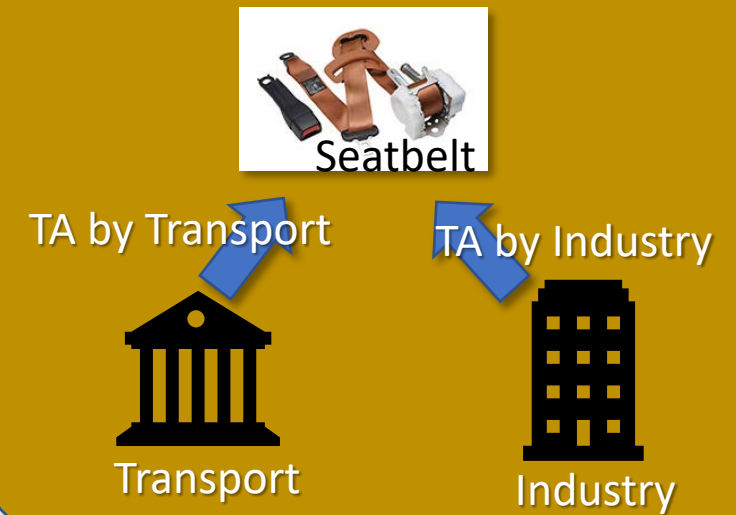
Establishment of multiple technical requirements



Establishment of type approval systems in each country

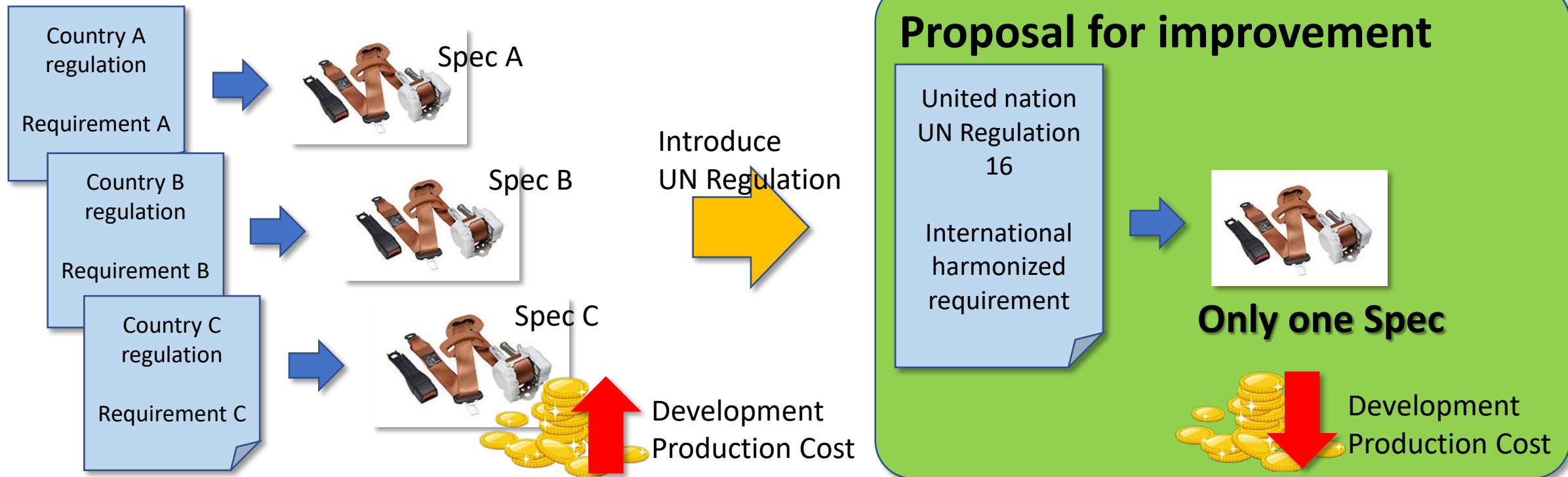


Duplicate Authentication for the Same Component



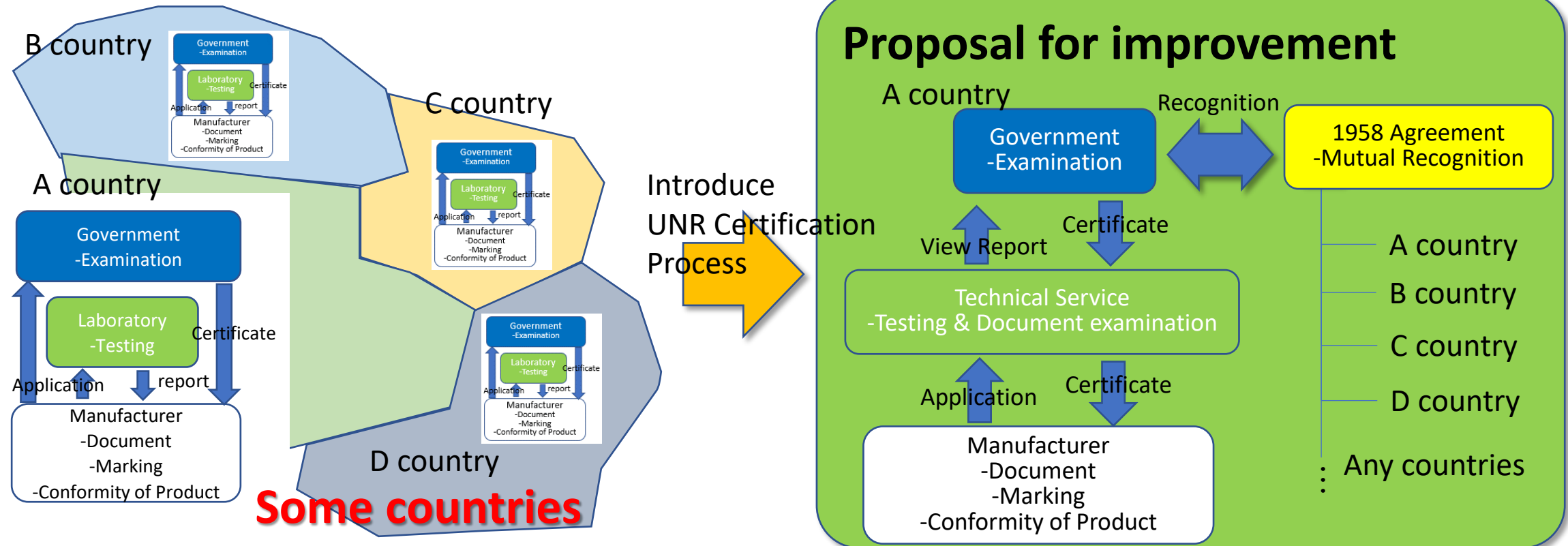
Industry is concerned that multiple requirements for one product will increase the administrative costs.

5-1. Establishment of multiple technical requirements



Industry can manufacture the products to common global specifications, if each country will develop technical requirements based on international standards such as UNR.

5-2. Establishment of type approval systems in each country



The industry can reduce burden to obtain certification ! This can be passed on to the development of safer products and making vehicles of accessible price.

5. Industry Concerns Regarding Type Approval System

5-3. Duplicate Authentication for the Same Component

Vehicle Install



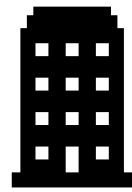
Component
type approval
by Transport
Authority

Integrate type
approval
Transport and
Component
Authority

Same
Component



Shop Sales



Industry

Component
type approval
by Industry
Authority

Proposal for improvement



Component
type approval
by an Authority

Only one type approval

Vehicle Install



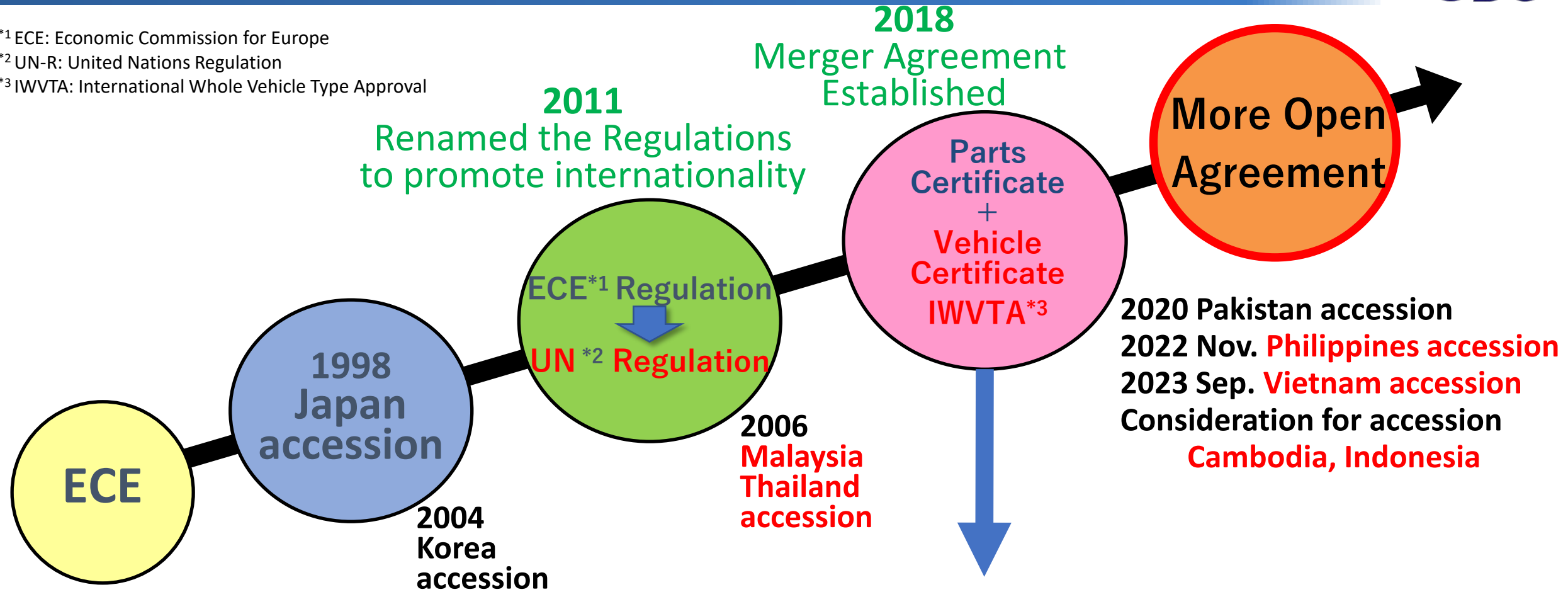
Shop Sales

Industry can use the same type approval for vehicle installation and for sale as a stand-alone product.

*¹ ECE: Economic Commission for Europe

*² UN-R: United Nations Regulation

*³ IWVTA: International Whole Vehicle Type Approval



- Harmonization of **international standards** (Unification of technical requirements)
- Mutual recognition of **certification system** (Unification of certificates)
- Permitted the selection of UN-R old series
- Increased voting rights approval rate 2/3→4/5

Imagine world can bring end users **safer, more environmentally-friendly and more stable-quality vehicles at an accessible price.**

Imagine World

Safer vehicle



<https://www.rand.org/>



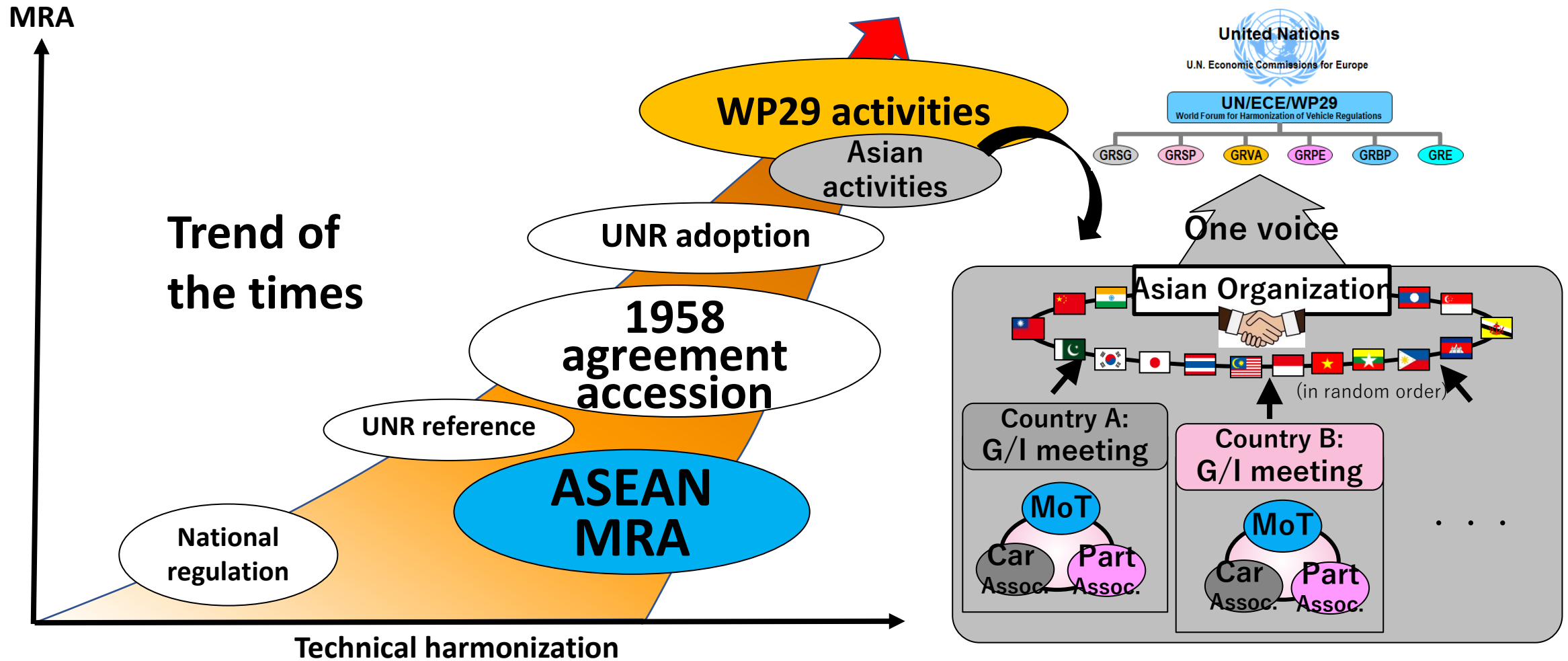
More environmentally-friendly vehicle



Accessible prices



-International MRA-



International MRA will bring you more merits!

- 1. Introduction of internationally harmonized technical standards will facilitate the promotion of safe and environmentally friendly vehicle manufacturing!**
- 2. International certification system will enable us to build an efficient sales network and supply better vehicles to users.**
- 3. By making vehicle and components type approval the same, repair parts can be supplied efficiently and at the appropriate price, and vehicles can be properly maintained.**

*Imagine no possessions
I wonder if you can
no need for greed or hunger
a brotherhood of man
Imagine all the people
sharing all the world...*



Thank You for Your Attention

“Imagine” again ~John Lennon~

*you may say I'm a dreamer
but I'm not the only one
I hope someday you'll join us
and **the world will be as one***



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