



**Kementerian
Perindustrian**
REPUBLIK INDONESIA

DUKUNGAN REGULASI UNTUK IMPLEMENTASI ASEAN MRA KHUSUSNYA PRODUK-PRODUK KOMPONEN

Disampaikan oleh:

Yan S. Tandiele – Ditjen ILMATE Kementerian Perindustrian

**SEMINAR IMPLEMENTASI MRA OTOMOTIF ASEAN
ICE BSD – 16 Agustus 2023**

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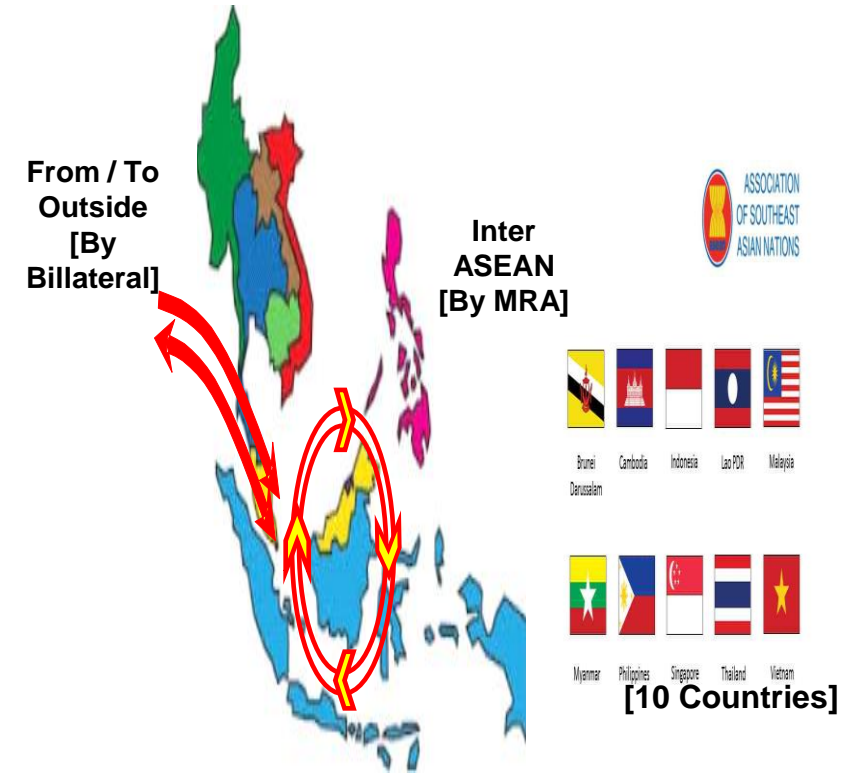
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SIGNING ASEAN MRA

Direncanakan diimplemetasikan dalam kurun waktu 1 tahun sejak ditantangani



ASEAN MUTUAL RECOGNITION ARRANGEMENT ON TYPE APPROVAL FOR AUTOMOTIVE PRODUCTS

The Governments of Brunei Darussalam, the Kingdom of Cambodia, the Republic of Indonesia, the Lao People's Democratic Republic, Malaysia, the Republic of the Union of Myanmar, the Republic of the Philippines, the Republic of Singapore, the Kingdom of Thailand and the Socialist Republic of Viet Nam, Member States of the Association of Southeast Asian Nations (ASEAN) (hereinafter collectively referred to as "Member States" or singularly as "Member State");

REITERATING the commitment to create a single market and production base which is stable, prosperous, highly competitive and economically integrated with effective facilitation for trade and investment in which there is a free flow of goods, and for the deeper economic integration of the region towards the realisation of the ASEAN Economic Community envisaged in the ASEAN Charter, the Declaration on the ASEAN Economic Community Blueprint signed by the Leaders on 20 November 2007 in Singapore and the ASEAN Economic Community Blueprint 2025 adopted by the Leaders on 22 November 2015 in Kuala Lumpur, Malaysia;

MINDFUL of the goals of establishing ASEAN as a single market and production base characterised by free flow of goods, services, investment, skilled labour and freer flow of capital as the end-goal of ASEAN economic integration and turning the diversity that characterises the region into opportunities for business complementation making ASEAN a more dynamic and stronger segment of the global supply chain and the world economy;

ARTICLE 20 ENTRY INTO FORCE

1. This Arrangement shall enter into force, after Member States have notified or deposited their instrument of ratifications with the Depository upon the completion of their internal procedures, or one year after the signing of this Arrangement, whichever is earlier.
2. The Secretary-General of ASEAN shall promptly notify Member States of the notifications or deposit of each instrument of ratification referred to in paragraph 1.

IN WITNESS WHEREOF, the undersigned, being duly authorised by their respective Governments, have signed this ASEAN Mutual Recognition Arrangement on Type Approval for Automotive Products.

DONE at Nay Pyi Taw, Myanmar,
this Sixteenth Day of January in the Year Two Thousand
and Twenty One, in a single copy in the English Language.

For the Government of Brunei Darussalam:

DATU DR. AMIN LIEW ABDULLAH
Minister at the Prime Minister's Office and
Minister of Finance and Economy II

For the Government of the Kingdom of Indonesia:

AGUS SUPARMANTO
Minister of Trade

For the Government of the Republic of Indonesia:

AGUS SUPARMANTO
Minister of Trade

For the Government of the Lao People's Democratic Republic:

KHEMMANI POLSENA
Minister of Industry and Commerce

For the Government of Malaysia:

DATU' SERI MOHAMED AZMIN ALI
Senior Minister and
Minister of International Trade and Industry

For the Government of the Republic of the Union of Myanmar:

THAUNG TUN
Minister for Investment and Foreign Economic Relations

For the Government of the Republic of the Philippines:

RAMON M. LOPEZ
Secretary of Trade and Industry

For the Government of the Republic of Singapore:

CHAN CHUN SING
Minister for Trade and Industry

For the Government of the Kingdom of Thailand:

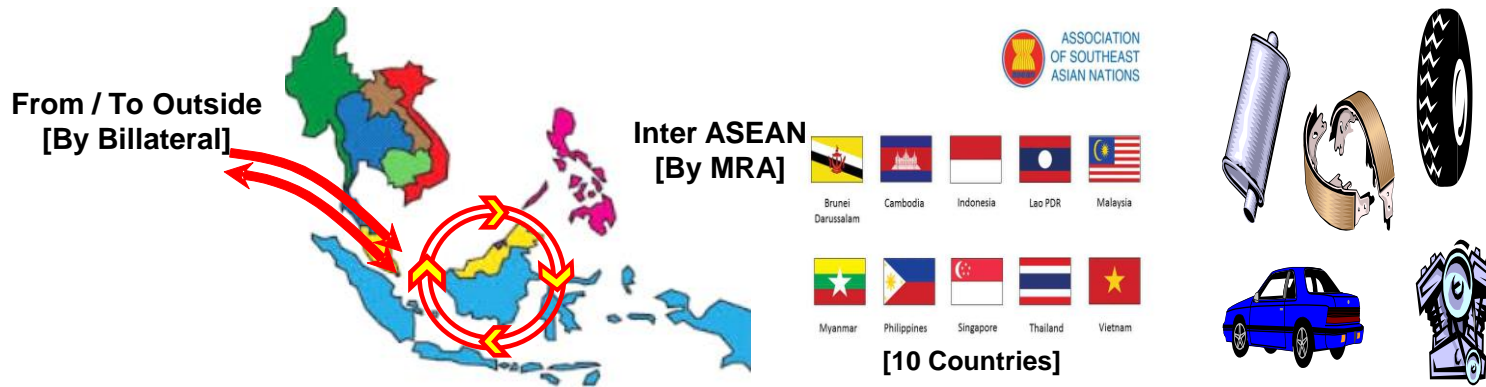
JURIN LAKSANAWISIT
Deputy Prime Minister and Minister of Commerce

For the Government of the Socialist Republic of Viet Nam:

TRAN TUAN ANH
Minister of Industry and Trade

What is ASEAN MRA on Type Approval for Automotive Products

- ❑ Saling keberterimaan test report atau sertifikat hasil uji produk otomotif yang dilakukan oleh lab uji/ technical services yang berlokasi di ASEAN → **“tested once accepted everywhere in ASEAN”**
- ❑ Definisi Automotive Products = vehicle / system & komponen /parts

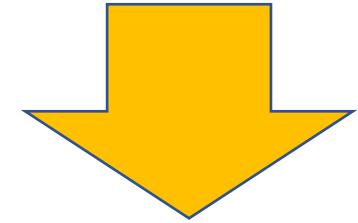


Technical Services:

- In case the required technical services are not readily available in ASEAN territories, Technical Service(s) which is located outside ASEAN territories can be utilized, however must be:
 - * Listed under of AAC (ASEAN Automotive Committee) or
 - * Registered under UNECE / 1958 Agreement which is relevant for the activities it carries out.

Objectives

- Kelancaran arus barang / memperlancar perdagangan,
- Efisiensi, produktifitas Asean



- Asean sebagai pasar tunggal dan basis produksi otomotif,
- Kawasan Asean berdaya saing tinggi yang terhubung dengan pasar global.

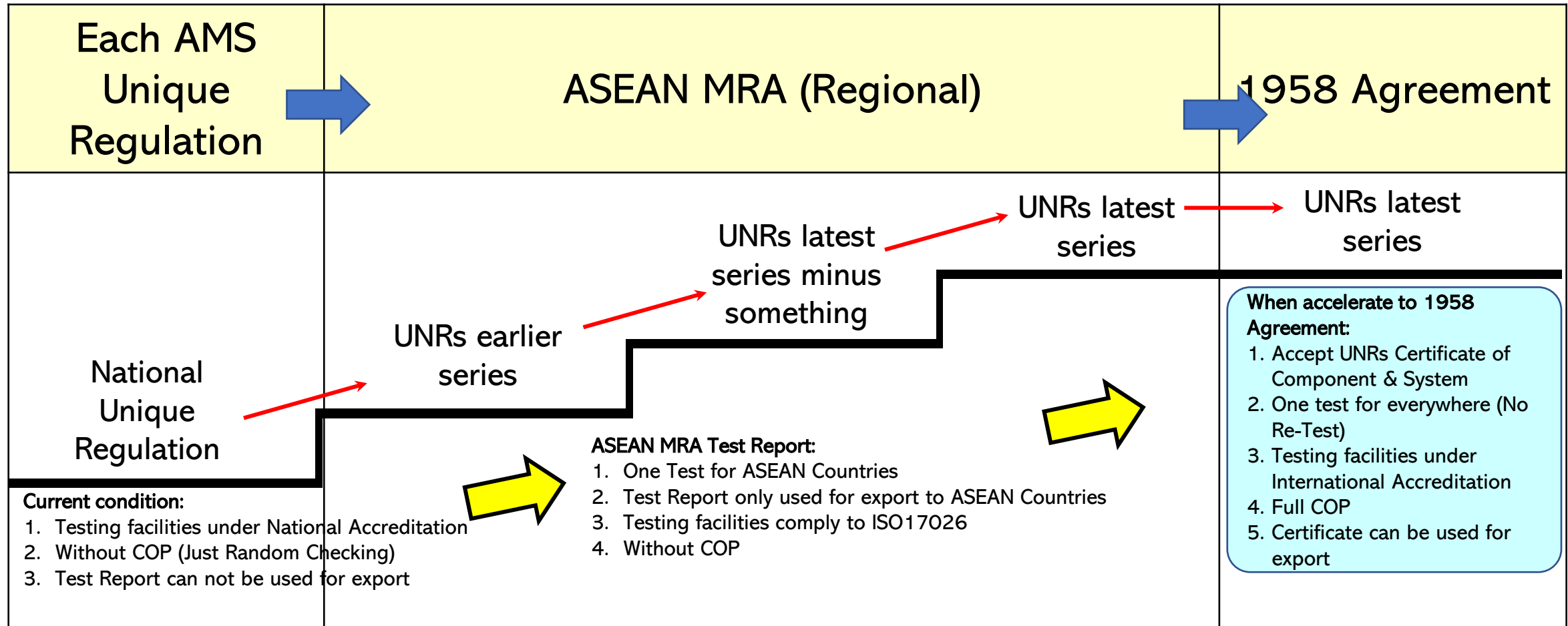
ASEAN MRA SEBAGAI STEPPING STONE MENUJU GLOBAL STANDARD & TECHNICAL REGULATION HARMONIZATION

“as initial stage before ASEAN Member States accessing to the 1958 Agreement”

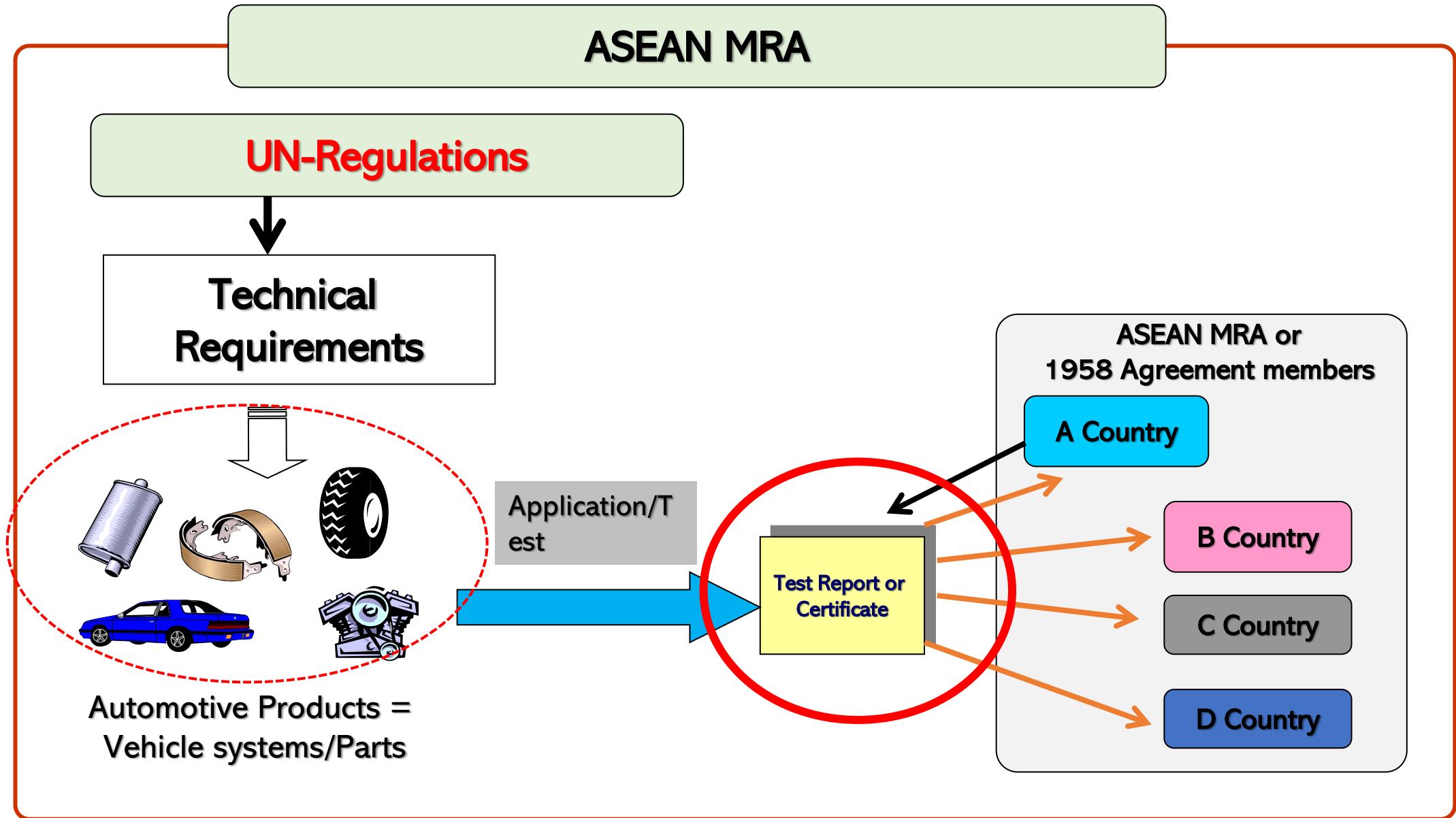
2022



????

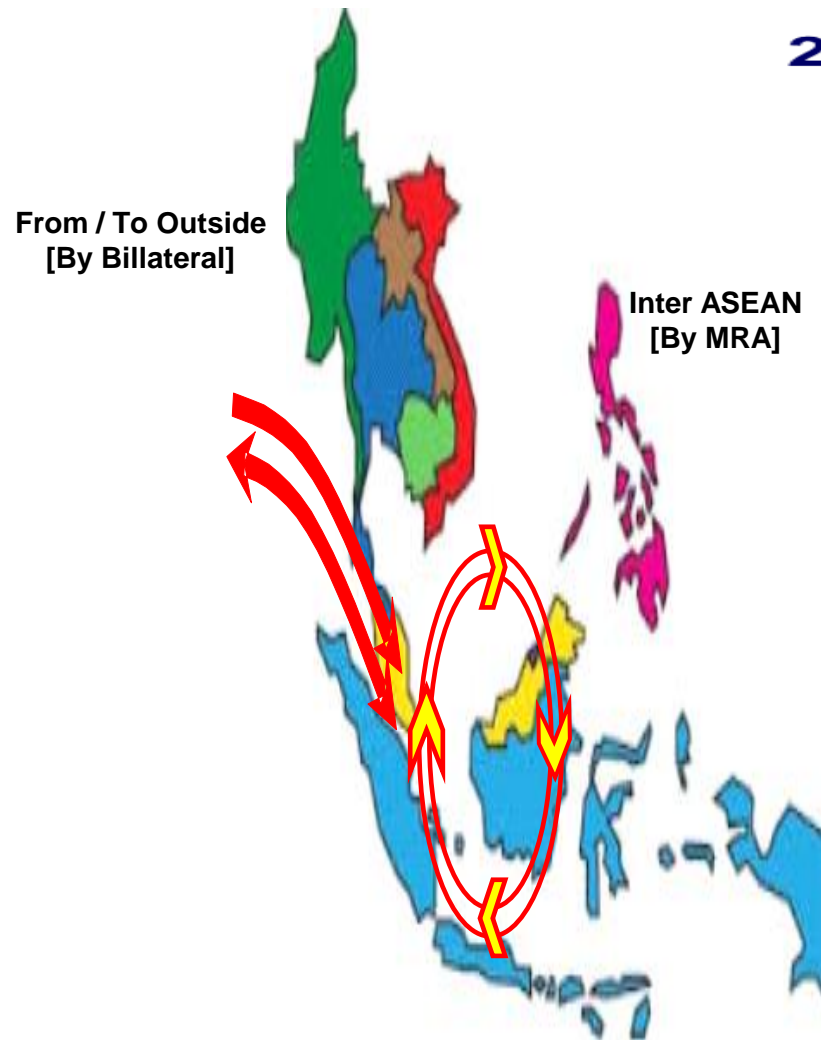


Tested once accepted everywhere in AMS



Progres Implementasi

2. 19 UNRs for ASEAN MRA



Stage-I: 10 UNRs

- R13 : Braking System
- R13H : Braking System (Passenger Car)
- R17 : Seat
- R25 : Head Restraint
- R28 : Audible Warning Device
- R39 : Speedometer
- R41 : Noise for motorcycle
- R46 : Rear View Mirror
- R51 : Noise Emission
- R79 : Steering System

Stage-II: 6 UNRs

- R 14 : Anchorage of seat belt
- R 16 : Seat Belt
- R 30 : Pneumatic tyre (passenger vehicle)
- R 43 : Safety Glazing Material
- R 54 : Pneumatic tyre (commercial vehicle)
- R75 : Pneumatic tyre (motorcycle)

Stage:-III: 3 UNRs

- R 40 : Exhaust emission for motorcycle
- R 49 : Exhaust emission with reference mass > 2610 kg
- R 83 : Exhaust emission with reference mass \leq 2610 kg

PROGRES IMPLEMENTASI

A. Latest Progress of ASEAN MRA



a. Ratification Status

| No | Country | Already Ratified | Not Ratified yet |
|----|-------------|------------------|------------------|
| 1 | Brunei | | 0 |
| 2 | Cambodia | | 0 |
| 3 | Indonesia | | 0 |
| 4 | Laos | | 0 |
| 5 | Malaysia | | 0 |
| 6 | Myanmar | 0 | |
| 7 | Philippines | | 0 |
| 8 | Singapore | | 0 |
| 9 | Thailand | 0 | |
| 10 | Vietnam | 0 | |

b. UNRs Harmonization Status

☐ Already Harmonized:

1. R13 : Braking System
2. R13H : Braking System (Passenger Car)
3. R17 : Seat
4. R25 : Head Restraint
5. R28 : Audible Warning Device
6. R39 : Speedometer
7. R41 : Noise for Motorcycle
8. R46 : Rear View Mirror
9. R51 : Noise Emission
10. R79 : Steering System

☐ Not Harmonized yet:

11. R14 : Anchorage of seat belt
12. R16 : Seat Belt
13. R30 : Pneumatic tyre (passenger vehicle)
14. R43 : Safety Glazing Material
15. R54 : Pneumatic tyre (commercial vehicle)
16. R75 : Pneumatic tyre (motorcycle)
17. R40 : Exhaust Emission for Motorcycle
18. R49 : Exhaust emission for heavy duty vehicle
19. R83 : Exhaust emission for light duty vehicle

Not finalize yet:

- Ratification for 7 remain countries, included Indonesia not yet ratify MRA
- Guidance Document / Technical Guideline
- List of Technical Services

- Worst Case Selection Criteria for UNRs Test
- Harmonization of 9 remain UNRs
- Start Implementation

B. Latest Progress of 1958 Agreement



a. ASEAN Countries as Member of 1958 Agreement

| No | Country | Member of 1958 Agreement | Still not as a member of 1958 Agreement |
|----|-------------|--------------------------|-----------------------------------------|
| 1 | Brunei | | 0 |
| 2 | Cambodia | | 0 |
| 3 | Indonesia | | 0 |
| 4 | Laos | | 0 |
| 5 | Malaysia | 0 | |
| 6 | Myanmar | | 0 |
| 7 | Philippines | 0 (March 2023) | |
| 8 | Singapore | | 0 |
| 9 | Thailand | 0 | |
| 10 | Vietnam | 0 (June 2023) | |

- Thailand, Philippines and Vietnam member of 1958 Agreement → Impact: New VTA System by using UNR Certificates latest series??? (Impact for export to Philippine and Vietnam)
- Currently, Indonesia has not signed 1958 Agreement yet
- 6 remain ASEAN Countries (included Indonesia) have not join to 1958 Agreement

PROGRES IMPLEMENTASI

| No | Country | Adjustment of Domestic Regulation | IoR status (Ratification) | Acceptance of WCS (Worst Case Selection) |
|----|-------------|------------------------------------------------------|---------------------------|------------------------------------------|
| 1 | Brunei | Will accept ASEAN MRA T/R after ratification | On going | Accept |
| 2 | Cambodia | Implemented 19UNRs (Accept UNRs T/R) | On going | Accept |
| 3 | Indonesia | Will accept ASEAN MRA T/R after Ratification | On going | Accept |
| 4 | Laos | Will accept ASEAN MRA T/R after ratification | On going | Accept |
| 5 | Malaysia | Implemented 19UNRs (Accept UNRs T/R) | On going | Accept |
| 6 | Myanmar | Will accept ASEAN MRA T/R | Already | Accept |
| 7 | Philippines | Will accept ASEAN MRA T/R after Ratification | On going | Under National consultation |
| 8 | Singapore | Will accept ASEAN MRA T/R after Ratification | On going | Accept |
| 9 | Thailand | Already implemented several UNRs (Accept T/R) | Already | Accept |
| 10 | Vietnam | Will accept ASEAN MRA T/R | Already | Under National consultation |

Tantangan Implementasi

- Persaingan internal AMS untuk memperebutkan kesempatan siapa yang akan lebih dominan mendapatkan manfaat lebih dari integrasi sektor otomotif Asean tersebut tetap terjadi dan menjadi penting.



Kesiapan Indonesia?

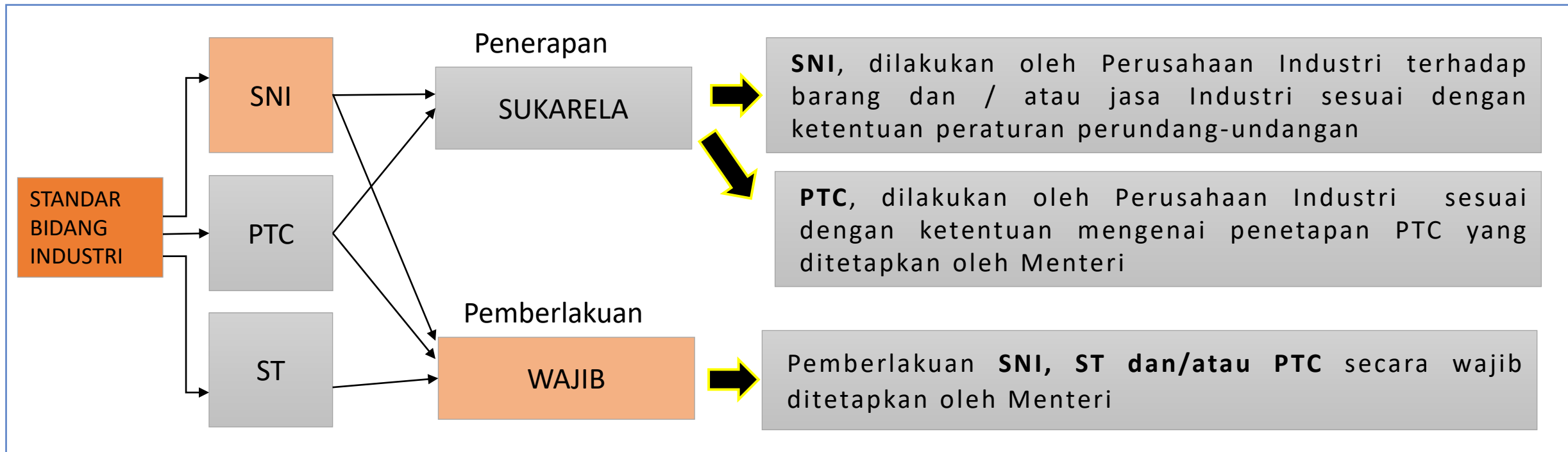
- ❑ Indonesia belum meratifikasi MRA → perlu meng-akselerasi ratifikasi MRA?, dan akses 1958 Agreement?
- ❑ Bagaimana kesiapan Indonesia untuk mendapatkan manfaat lebih dari integrasi sektor otomotif ASEAN?
- ❑ Apa langkah-langkah Strategis untuk mendapatkan manfaat?

Kesiapan Implementasi MRA



Regulasi teknis berbasis standarisasi

REGULASI STANDAR BERBASIS SNI



Tujuan pemberlakuan Wajib

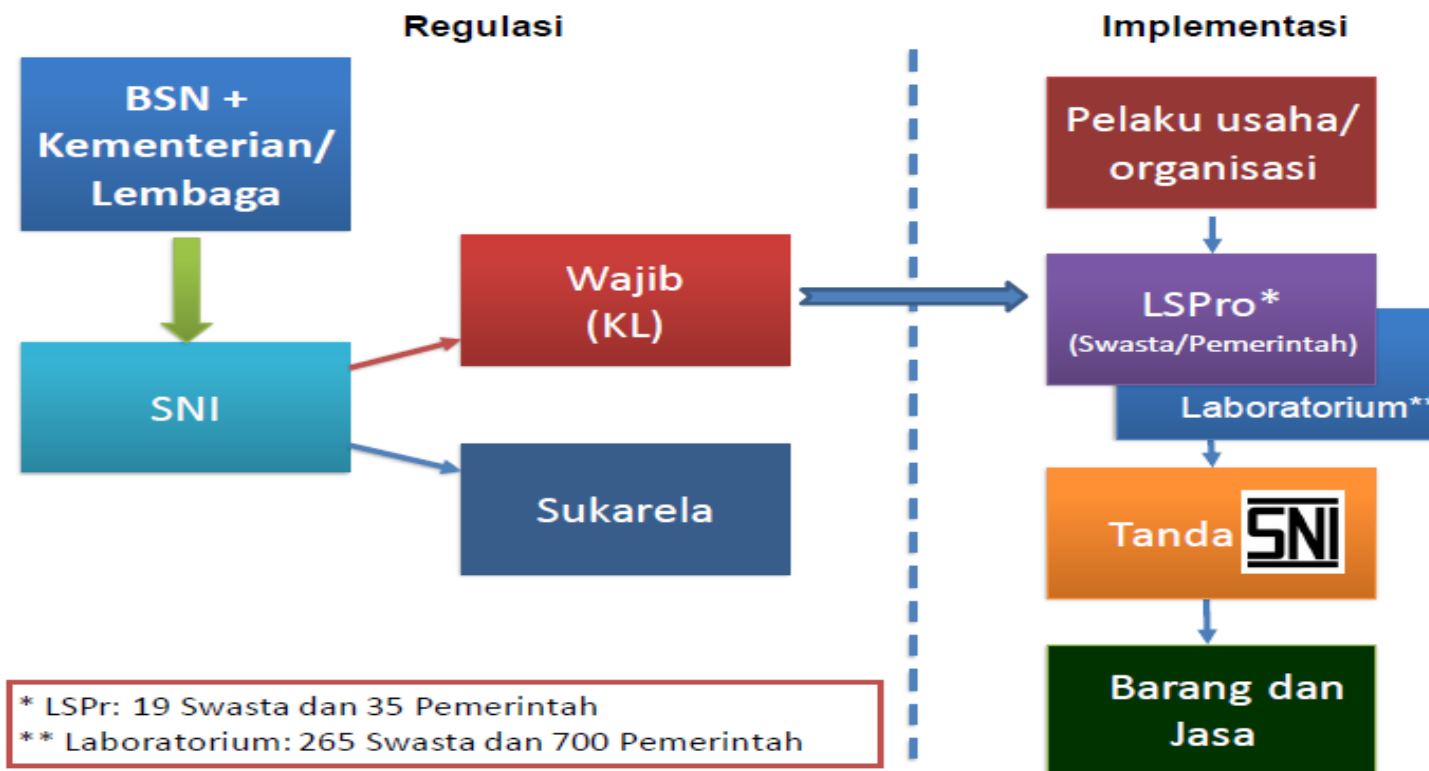
- keamanan, kesehatan, dan keselamatan manusia, hewan, dan tumbuhan;
- pelestarian fungsi lingkungan hidup;
- persaingan usaha yang sehat;
- peningkatan daya saing; dan/atau
- peningkatan efisiensi dan kinerja Industri

Pemberlakuan wajib berlaku terhadap barang dan/atau jasa Industri hasil produksi dalam negeri dan/atau impor yang dipasarkan di dalam wilayah Negara Kesatuan Republik Indonesia dan/atau jasa Industri yang proses kegiatannya dilakukan di dalam wilayah Negara Kesatuan Republik Indonesia.

MEKANISME PENERAPAN SNI

SNI Implementation mechanism:

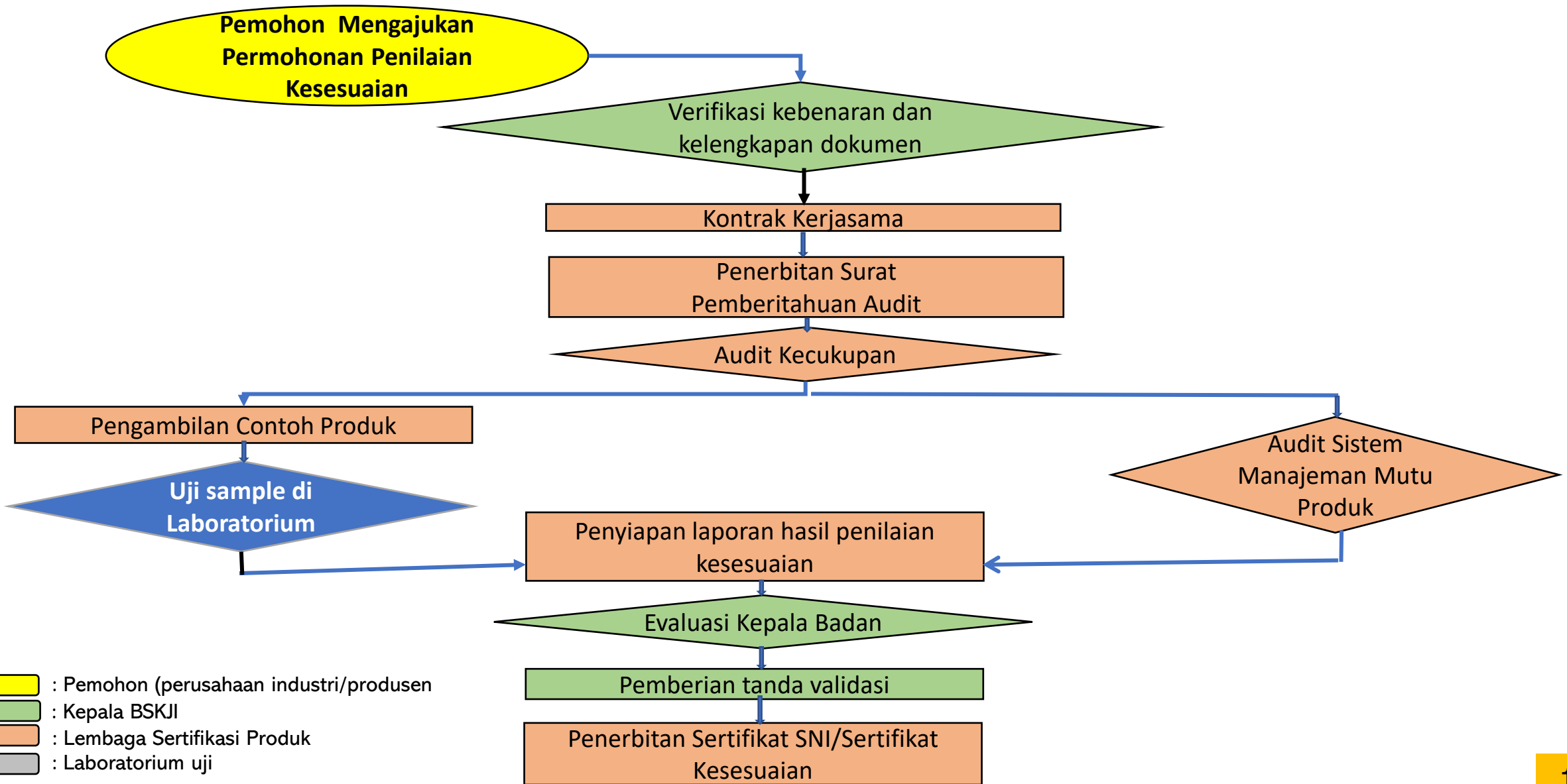
- Mandatory
- Voluntary



SNI mandatory:

- Compliance to requirements → Conduct Test & Factory Audit → Get SNI Approval & SNI Mark

Alur Proses Sertifikat SNI/Kesesuaian



LEMBAGA PENILAI KESESUAIAN – LPK (PERMENPERIN 45 TAHUN 2023)

Kriteria LPK

Kriteria khusus :

LSPro

memiliki sendiri

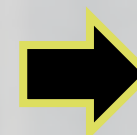
- Laboratorium Uji
atau
- Lembaga Inspeksi

Laboratorium Uji

Telah terakreditasi
berdasarkan SNI ISO/IEC
17025

Lembaga Inspeksi

telah terakreditasi
berdasarkan SNI ISO/IEC
17020



Kriteria umum :

- memiliki perizinan berusaha atau penetapan tupoksi oleh PemPus atau Pemda;
- terakreditasi oleh KAN untuk lingkup yang sesuai; dan
- berdomisili atau berkedudukan di wilayah hukum negara Republik Indonesia.

Menteri dapat menunjuk LPK yang belum terakreditasi, jika:

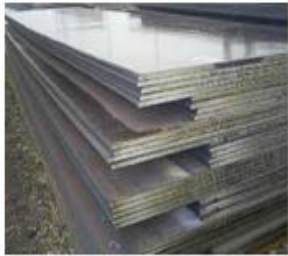
- Belum tersedia LPK terakreditasi namun sudah terakreditasi dengan ruang lingkup yang sejenis;
- Telah tersedia LPK terakreditasi tetapi jumlahnya belum memadai

berlaku untuk jangka waktu 2 (dua) tahun

LPK yang berdomisili atau berkedudukan di luar wilayah negara hukum Republik Indonesia dapat diakui sepanjang terdapat perjanjian saling pengakuan antarnegara di bidang regulasi teknis sesuai dengan ketentuan peraturan perundang-undangan.

SNI WAJIB - PRODUK OTOMOTIF

SNI Wajib di Sektor Otomotif



1. Baja Lembaran

SNI 07-2053-2006
SNI 4096:2007
SNI 07-3567-2006
SNI 07-0601-2006



2. Ban Kendaraan

SNI 6700-2012
SNI 0098-2012
SNI 0099-2012
SNI 0100-2012



3. Kaca Kendaraan

SNI 15-0048-2005
SNI 15-1326-2005



4. Pelek Kendaraan

SNI 1896:2008



5. Pelumas Kendaraan

SNI 7069.1:2012
SNI 7069.5:2012
SNI 7069.6:2017
SNI 7069.7:2017



6. Audio Kendaraan

SNI 04-6253-2003

Produk komponen yang terkait MRA phase-1 terbatas

KESIAPAN INFRASTRUKTUR / TECHNICAL SERVICES

| NO | UNR | DESCRIPTION | TEST FACILITY | | | | REMARK |
|----|------|--------------------------------|------------------|---------|-----------|--------|--------------------------------|
| | | | VEHICLE / SYSTEM | | COMPONENT | | |
| | | | VEHICLE | STATUS | COMPONENT | STATUS | |
| 1 | R13 | Braking System | ○ | X | - | - | |
| 2 | R13H | Braking System (Passenger Car) | ○ | X | - | - | |
| 3 | R17 | Seat | ○ | X | - | - | |
| 4 | R25 | Head Restraint | - | - | ○ | X | |
| 5 | R28 | Audible Warning Device | ○ | BPLJSKB | ○ | X | No International Accreditation |
| 6 | R39 | Speedometer | ○ | BPLJSKB | - | - | No International Accreditation |
| 7 | R41 | Noise for motorcycle | ○ | X | - | - | |
| 8 | R46 | Rear View Mirror | ○ | X | ○ | X | |
| 9 | R51 | Noise Emission | ○ | X | - | - | |
| 10 | R79 | Steering System | ○ | X | - | - | |

○ = Terkait dengan vehicle/system / atau component

✘ = Lab Uji belum siap

KESIAPAN INFRASTRUKTUR / TECHNICAL SERVICES

| NO | UNRs | DESCRIPTION | TEST FACILITY | | | | REMARK |
|----|------|------------------------------------------------|------------------|---------|-----------|-------------|--------------------------------|
| | | | VEHICLE / SYSTEM | | COMPONENT | | |
| | | | VEHICLE | STATUS | COMPONENT | STATUS | |
| 11 | R14 | Anchorage of seat belt | ○ | X | - | - | |
| 12 | R16 | Seat Belt | ○ | X | ○ | X | |
| 13 | R30 | Pneumatic tyre (passenger vehicle) | - | - | ○ | B4T-Bandung | No International Accreditation |
| 14 | R43 | Safety Glazing Material | ○ | X | ○ | BBK-Bandung | No International Accreditation |
| 15 | R54 | Pneumatic tyre (commercial vehicle) | - | - | ○ | B4T-Bandung | No International Accreditation |
| 16 | R75 | Pneumatic tyre (motorcycle) | - | - | ○ | B4T-Bandung | No International Accreditation |
| 17 | R40 | Exhaust emission for motorcycle | ○ | BPLJSKB | - | - | No International Accreditation |
| 18 | R49 | Exhaust emission with reference mass > 2610 kg | ○ | BPLJSKB | - | - | No International Accreditation |
| 19 | R83 | Exhaust emission with reference mass ≤ 2610 kg | ○ | BPLJSKB | - | - | No International Accreditation |

○ = Terkait dengan vehicle/system / atau component X = Lab Uji belum siap

PENUTUP

Rangkuman :

- ❑ Asean MRA dan akses 1958 Agreement sebagai strategi ASEAN, selain untuk memperlancar perdagangan, menciptakan Asean sebagai kawasan pasar tunggal dan basis produksi otomotif, juga untuk menciptakan kawasan Asean berdaya saing tinggi yang terhubung dengan pasar global.
- ❑ Persaingan antara AMS untuk memperebutkan kesempatan siapa yang akan lebih dominan mendapatkan manfaat lebih dari integrasi sektor otomotif Asean tersebut tetap ada dan menjadi penting.
- ❑ AMS lain cukup agresif melakukan langkah determinasi menangkap peluang → Thai, Malaysia, Viet Nam telah meratifikasi MRA dan sudah menjadi anggota Agreement 1958, Philippine akan ratifikasi 2023. Cambodia sudah menerima UNR T/R.
 - ❖ Thailand, Malaysia, Viet Nam berpotensi lebih siap untuk connect dengan global market terutama negara mitra dagang yang sudah member 1958 Agreement
 - ❖ Thai, Malaysia, Viet Nam lebih berpeluang untuk memanfaatkan pasar Cambodia
 - ❖ Ekspor Indonesia ke AMS rentan mengalami hambatan regulasi teknis yang sewaktu-waktu dapat diberlakukan oleh AMS.

- ❑ Peraturan Menteri Perindustrian No.45 → Pemberlakuan SNI Wajib telah mengakomodasi kebutuhan implementasi ASEAN MRA Type Approval on Automotive Products (terkait parts/komponen)
- ❑ Indonesia harus dapat mendapatkan manfaat dari integrasi sector otomotif Asean, untuk itu perlu dilakukan langkah-langkah strategis untuk mendapatkan manfaat tersebut :
 - ✓ Akselerasi ratifikasi dan implementasi MRA dan persiapan akses 1958 Agreement
 - ✓ Merumuskan sasaran / manfaat apa yang akan dicapai apabila Asean telah menjadi production-base and pasar tunggal.
 - ✓ Merumuskan langkah-langkah strategis dan menyusun roadmap untuk mendapatkan manfaat, termasuk : dukungan regulasi dan infrastruktur technical services, baik untuk “vehicle type approval” maupun untuk uji komponen/parts terkait MRA
 - ✓ Penguatan technical services yang memiliki daya saing tinggi, yang dapat bersaing dengan infrastruktur sejenis di AMS maupun di luar negeri, paling tidak memenuhi syarat sebagai ASEAN Listed Technical Services dalam rangka implementasi Asean MRA ((→ sarana dan prasarana pengujian, akreditasi, kemampuan SDM, system sertifikasi & system manajemen, kelembagaan, etc))



**Kementerian
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REPUBLIC INDONESIA



TERIMA KASIH