

# Structure of the ASEAN EE MRA and AHEEERR

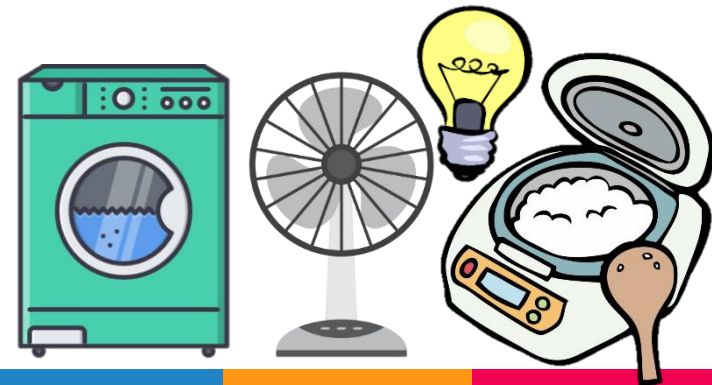
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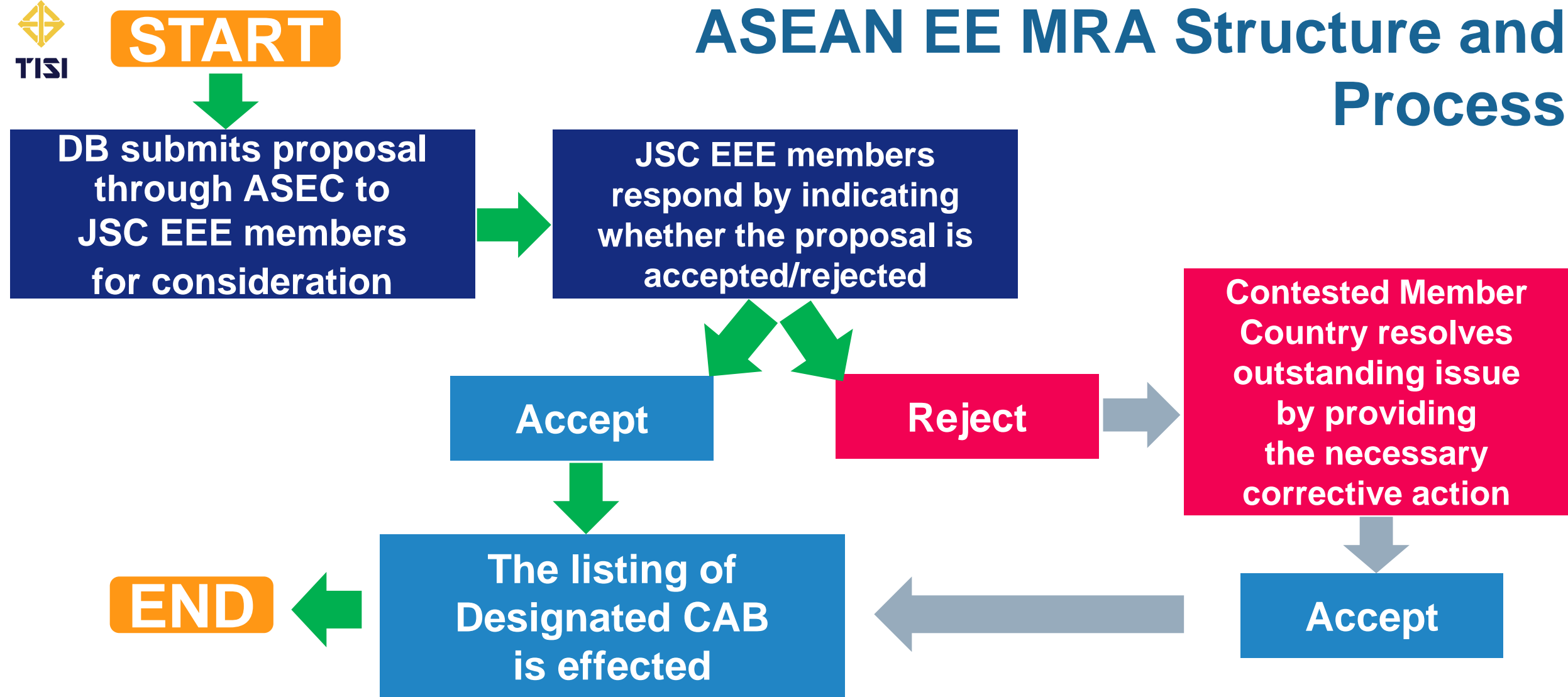
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# OUTLINE

- 1 ASEAN EE MRA Structure and Process
- 2 Roles of Relevant Bodies
- 3 AHEEERR
- 4 ASEAN EE MRA vs AHEEERR



# ASEAN EE MRA Structure and Process



**The information of Listed CABs can be found in ASEAN website:**

[https://asean.org/?static\\_post=listed-testing-laboratories-and-certification-bodies-under-the-asean-sectoral-mra-for-electrical-and-electronic-equipment-2](https://asean.org/?static_post=listed-testing-laboratories-and-certification-bodies-under-the-asean-sectoral-mra-for-electrical-and-electronic-equipment-2)

# Roles of Relevant Bodies

- 1 Joint Sectoral Committee for Electrical and Electronic Equipment (JSC EEE)
- 2 Designating Body (DB)
- 3 Regulatory Authority (RA)
- 4 Accreditation Body (AB)
- 5 Conformity Assessment Body (CAB)
- 6 Suppliers
- 7 Consumers

# Joint Sectoral Committee for Electrical and Electronic Equipment (JSC EEE)

**A regional committee consisting of National Standards Bodies (NSBs) or Regulatory Authority of ASEAN Member States**

- 💡 **To monitor the implementation of the ASEAN Sectoral Mutual Recognition Arrangement on Electrical and Electronic Equipment (ASEAN EE MRA) and the ASEAN Harmonised Electrical and Electronic Equipment Regulatory Regime (AHEEERR)**
  - listing, suspension, removal and verification of Testing Laboratories and/or Certification Bodies (CABs)
  - providing a forum for discussion of issues that may arise concerning the implementation of the agreements
  - reviewing and proposing amendments to the scope and coverage of the agreements
  - considering ways to enhance the operation of the agreements

# Designation Body (DB)

**A body appointed by a Party, with responsibility to identify and monitor Listed Testing Laboratories and/or Certification Bodies (Listed CABs)**

- 💡 To ensure and monitor that the Listed CABs are capable and remain capable of properly assessing conformity of products or processes
- 💡 To appoint an accreditation body to accredit Testing Laboratories and/or Certification Bodies

# Regulatory Authority (RA)

**An entity that exercises a legal right to control the import, use or sale of electrical and electronic equipment within each ASEAN Member State's authority**

- 💡 To take enforcement action to ensure that equipment marketed within its authority comply with legal requirements



# Accreditation Body (AB)

**A body that accredits and guarantees the competence of conformity assessment bodies (CABs) based on ISO/IEC standards**

- 💡 Being a member of the Asia Pacific Accreditation Cooperation (APAC) and a signatory to the APAC Mutual Recognition Arrangement (APAC MRA) where AB is able to peer evaluation of the competence of the accredited CABs
- 💡 The accreditation process for CABs is conducted in compliance with ISO/IEC 17011:2017



# Conformity Assessment Bodies (CABs)



## General Requirements for the competence of CAB

Testing Laboratory	Certification Body
<ul style="list-style-type: none"><li>➤ ISO/IEC 17025:2017</li><li>➤ IEC Certification Body (IECEE CB) Scheme</li><li>➤ IEC Full Certification Body Scheme (IECEE CB FCS)</li></ul>	<ul style="list-style-type: none"><li>➤ ISO/IEC 17065:2012</li><li>➤ IEC Certification Body (IECEE CB) Scheme</li><li>➤ IEC Full Certification Body Scheme (IECEE CB FCS)</li></ul>

### Listed CABs

There are **20 testing laboratories** and **7 certification bodies** currently listed under the ASEAN EE MRA.

- 20 listed testing laboratories from 5 AMS: Indonesia (5), Malaysia (1), Singapore (5), Thailand (7), Viet Nam (2)
- 7 listed certification bodies from 4 AMS: Indonesia (1), Malaysia (1), Singapore (3), Thailand (2)

# Suppliers

**Importer, manufacturer or trader places a product in the market.**

- 💡 It is easier and less costly to export their EE products launch with greater certainty and shorter time-to-market.
- 💡 They will save on cost of testing and certification when they have their EE products tested and/or certified by the Listed CABs.
- 💡 The result of conformity assessment will be accepted in the importing Member Country without further testing and/or certification.

# Consumers

- 💡 They will get the lower price of EE products.
- 💡 They will select greater varieties of EE products freely.
- 💡 EE products tested and/or certified by Listed CABs ensure the safety.

# AHEEERR Principles

**Harmonised Standard**  
(Safety, Environment, EMC)



- Regulated EEE
- Comply with harmonized standards & conformity assessment procedures
- Align with IEC standards
- Decided by JSC EEE

**Suppliers**



Importer, manufacturer, or trader need to supply or place certified EE products on the market

**Listed CABs**



- Ensure that EE products comply with the harmonized standards & conformity assessment procedures
- Testing lab → issue test report
- Certification body → issue CoC

**Registration**



Registered by regulator before EE products are allowed to be supplied in AMS

**Market**



Post market surveillance by regulator

# ASEAN EE MRA vs AHEEERR

Items	ASEAN EE MRA	AHEEERR
<b>Objective</b>	To mutually accept test reports/CoCs issued by listed CABs	To eliminate restrictions to trade of EE products through harmonization of technical requirements and registration
<b>Scope of products</b>	All new products	All new products, manufactured within the boundary of ASEAN
<b>Mutual acceptance</b>	Test reports/CoCs for a license	CoCs for a license and registration
<b>Mandatory standards</b>	Each AMS's mandatory standards	ASEAN harmonized mandatory standards based on IEC standards and focusing on safety, environment, EMC
<b>Conformity assessment regime</b>	Each AMS's conformity assessment regime	Common conformity assessment regime, depending on the level of risk of the EE products as described in ISO/IEC 17067 <ul style="list-style-type: none"> <li>• High risk → Type 5</li> <li>• Medium risk → Type 1b</li> <li>• Low risk → Type 1a</li> </ul>
<b>Post-market surveillance</b>	Subject to product certification system in each country	Post-market surveillance required



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**THANK YOU**