



# Best practice procedures for global CA Systems

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**WTO Thematic session**  
**March 28<sup>th</sup> 2017**  
**Geneva**



INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

# Global CA Systems

**What are they ?**

## Global CA System

Scheme A

Scheme B

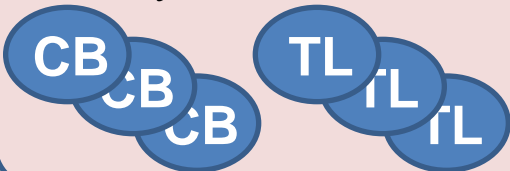
Scheme C

A system of schemes.

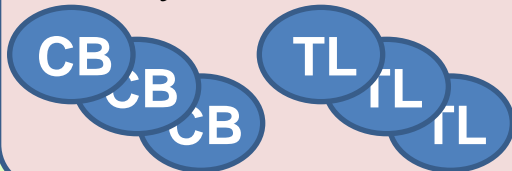
Could be for one or more of

- Product certification
- Personal certification
- Process certification

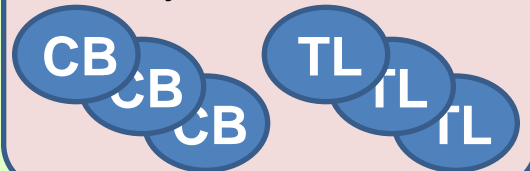
Country A



Country B



Country C



# Global CA Systems

## What are their goals ?



- **Access to markets**  
(without Tech. or Admin. Barriers to Trade)
- **Testing & certification by commercial CABs**
- **CA results from anywhere recognised everywhere**
- **global CA System certificate**  
→ passport to the world

# IEC Global CA Systems

## Global Conformity Assessment Systems



- **IECEE** (since the 1980s)
- **IECQ** (since the 1980s)
- **IECEX** (since the late 1990s)
- **IECRE** (since 2013)

# IEC Global CA Systems

## Global Conformity Assessment Systems



- Membership and rules-based international organization
- The members write the rules and they abide by the rules
- One Member Body per country
- Open to all qualifying CBs and TLs

# IEC Global CA Systems

## Operational model



- Two pillars
    - Predefined and harmonized operational rules & procedures and a common interpretation of the standards used
    - Peer assessment checking capabilities
- AND
- adherence to the operational rules and procedures  
(= consistency & comparability)

# MLA - Mutual Recognition

## Operational model



- Mutual Recognition
  - proof that the system works
  - Based on peer assessment of
    - competency
    - harmonized rules & processes
    - common interpretation of standards

# MLA - Mutual Recognition

## Operational model



- Mutual Recognition
  - a condition of membership
  - obligation to recognize CA results
  - give approval for entry of products into your market (with potential legal liability)

# Peer Assessment

## Operational model



Competency

Harmonized interpretation

Common methodology

Periodic verification

→ Peer Assessment

Not too heavy

Not too light

Just right

} Confidence

# Accreditation & Peer Assessment

## Musicians

### Qualified to play an instrument

- Have an instrument ?
- Can read music ?
- Can play the music ?



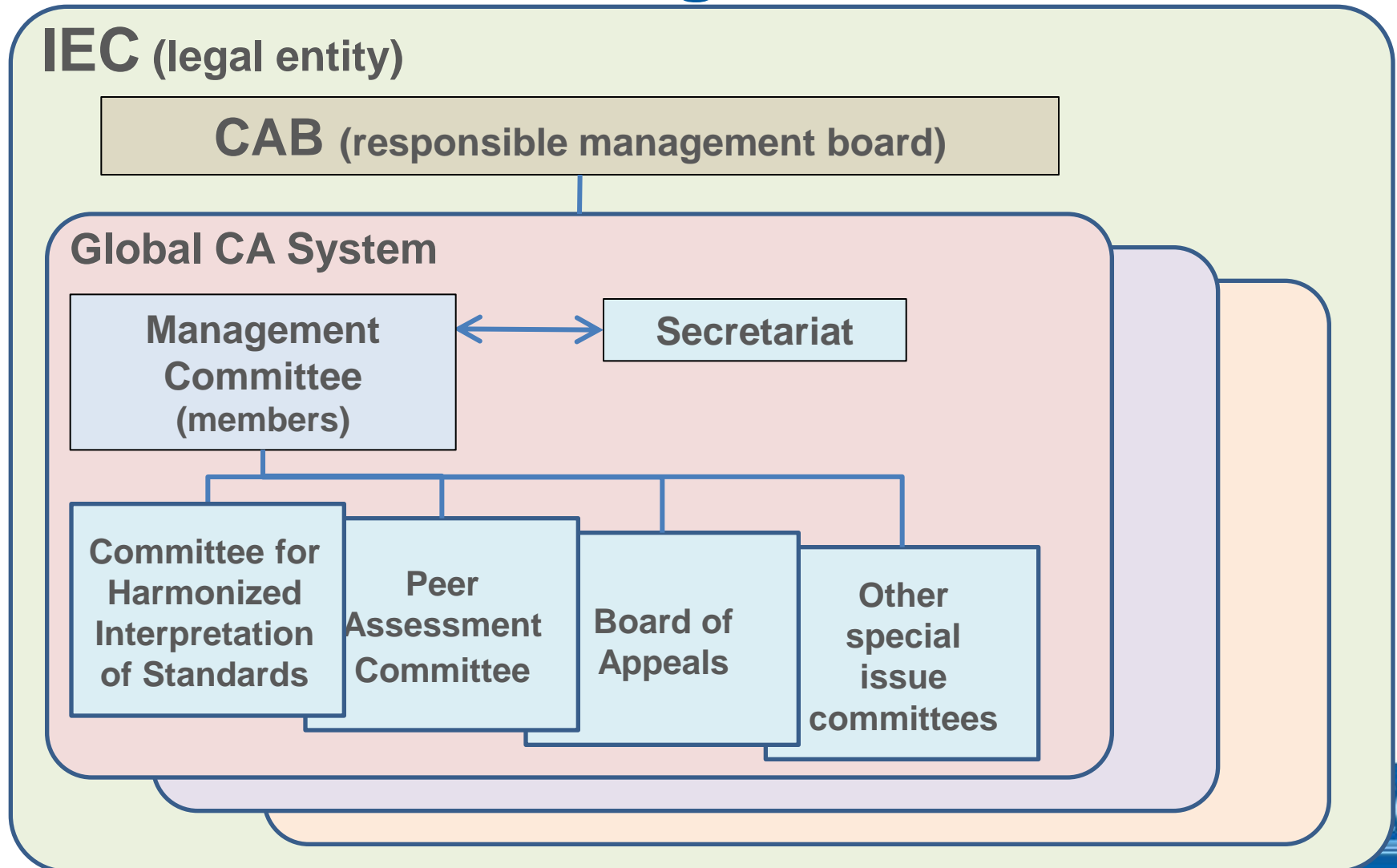
### Qualified to play in an orchestra

- Have an instrument ?
- Can read & play music ?
- Can play the agreed music ?
- Can play with other musicians ?
- Can play in the orchestra's style ?
- Can follow the conductor ?



# IEC Global CA Systems

## Management structure



# Global CA Systems

## Summary

### Access to local market

(without Tech. or Admin. Barriers to Trade)

### MLA has to work

Recognition of CA results  
by locally accredited CB/TL

CA results from anywhere  
must be believable

Common, harmonized work practices  
and  
Checking competency and  
that common practices are applied

### Global CA System Management structure

- Membership organization
- Members write the rules
- Members abide by the rules
- Common rules & methods
- Peer Assessment checking
- MLA is obligation





# Thank you

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