

Electronics & IT Industry Sector's Perspective on Mutual Acceptance of Conformity Assessment Result

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Product Safety Committee

delegated from

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Basic Data on Conformity Assessment

Example: Safety requirement for TV broadcasting receivers

► Among 74 countries/regions stipulating regulatory requirement;

- All countries/regions has transposed, or has made reference to, the IEC safety standard for their conformity assessment
- Countries/regions implementing mandatory certifications prior to product marketing;

32 (CIS, Middle-East & Far-East Asia, etc.)

- Countries/regions implementing manufacturer's/supplier's self verification system;

***Product design conformity to IEC standard is
the essential tool for worldwide one-stop testing !***

Three Essential Elements of Conformity Assessment

Assessment Quality

- ◆ Technical competence
- ◆ Knowledge & experience
- ◆ Reproducibility

*Tested once,
accepted everywhere!*

Cost Effectiveness

- ◆ Localized services
- ◆ MTL* integration
- ◆ Minimum formality

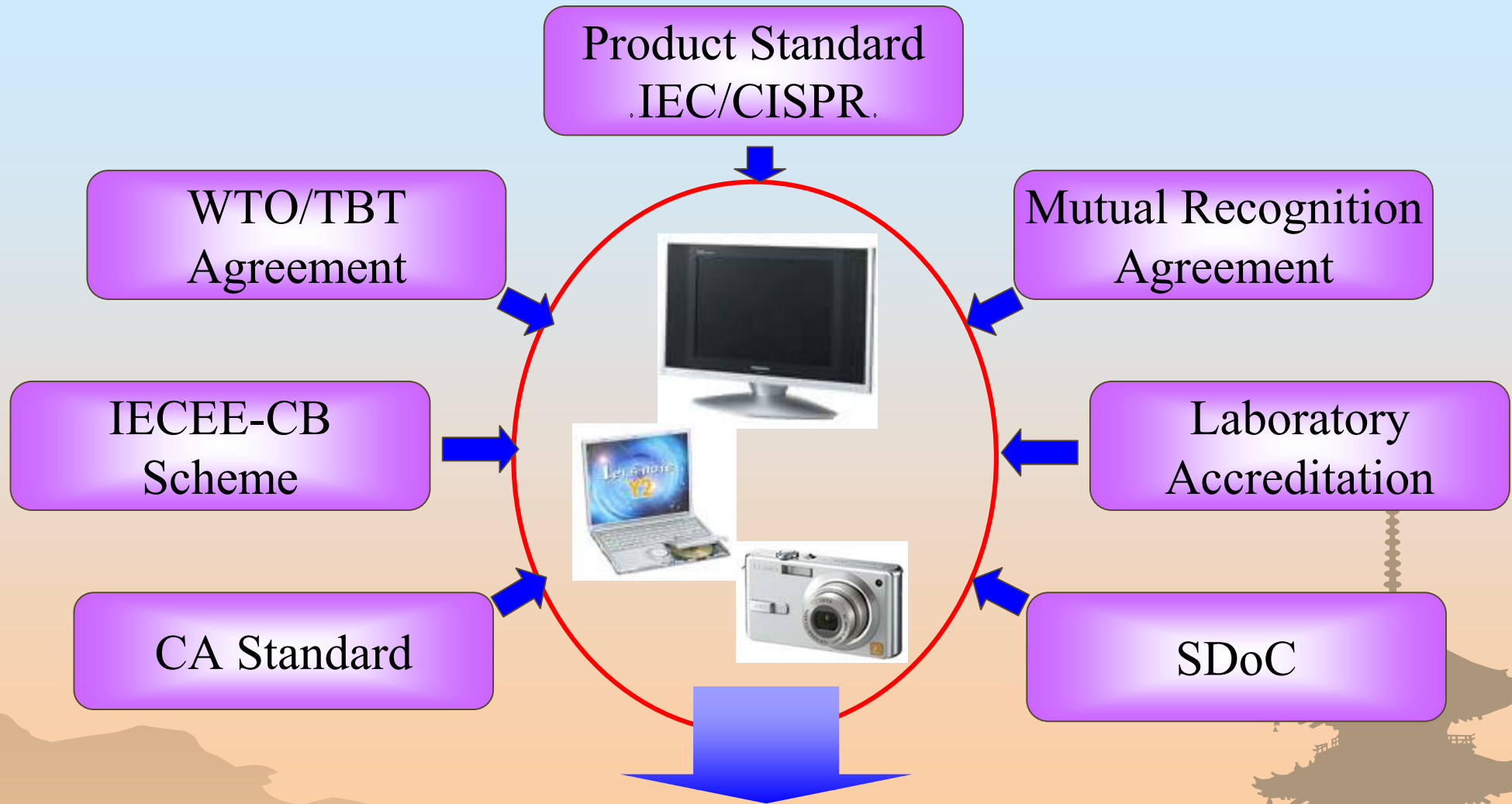
Global Acceptance

- ◆ Harmonization
- ◆ Credibility
- ◆ Equal treatment

Quick market access

MTL: Manufacturer's Test Laboratory

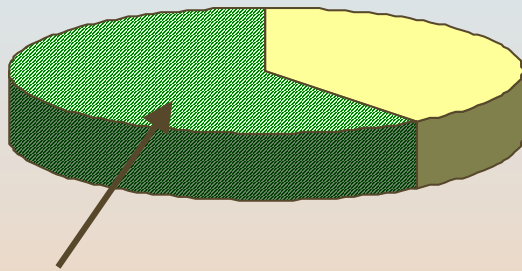
Various Tools Used for Conformity Assessment



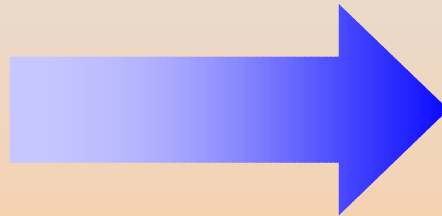
Worldwide simultaneous product launch through one-stop testing

Our Contribution to IECEE-CB Scheme

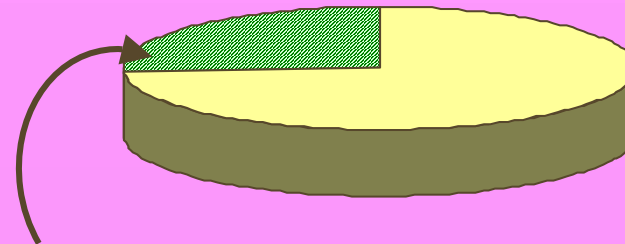
**Total number of CB certificates
issued worldwide: 36,465**



**OFF + TRON
22,069 (60%)**



**Total number of CB certificates
issued to OFF & TRON: 22,069**

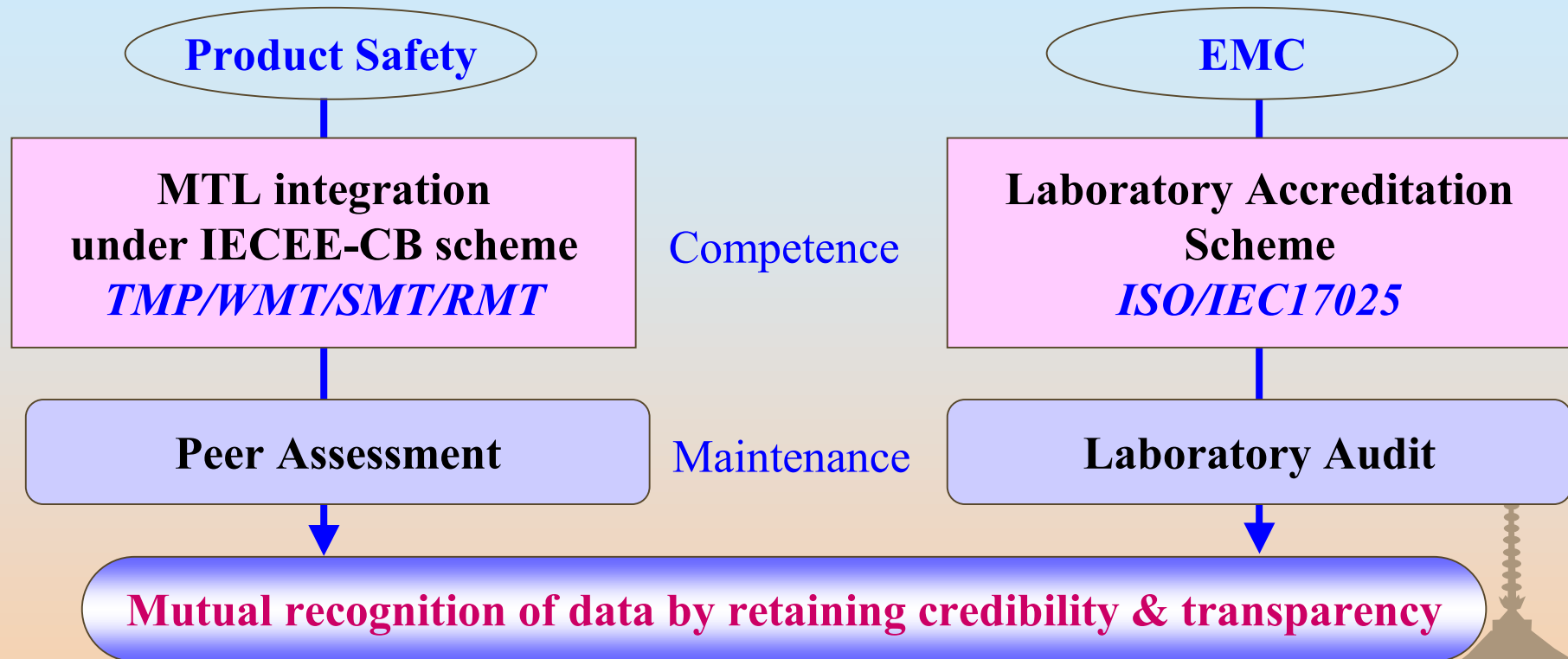


**CB certificates issued by
Japanese NCBs: 5,665 (26%)**

*Note: Figures are extracted from 2004 statistics,
where “OFF” means certificates for IEC60950
and “TRON” means those for IEC60065.*

Laboratory Accreditation

Integration of MTL in Conformity Assessment Procedures



Advantage of using MTL

- *Cost effective CA & quick “time-to-market” with credible data*
- *Maximum use of own resources for the assessment of new safety technology*

Matsushita's In-house Laboratory

Product Safety & EMC laboratory



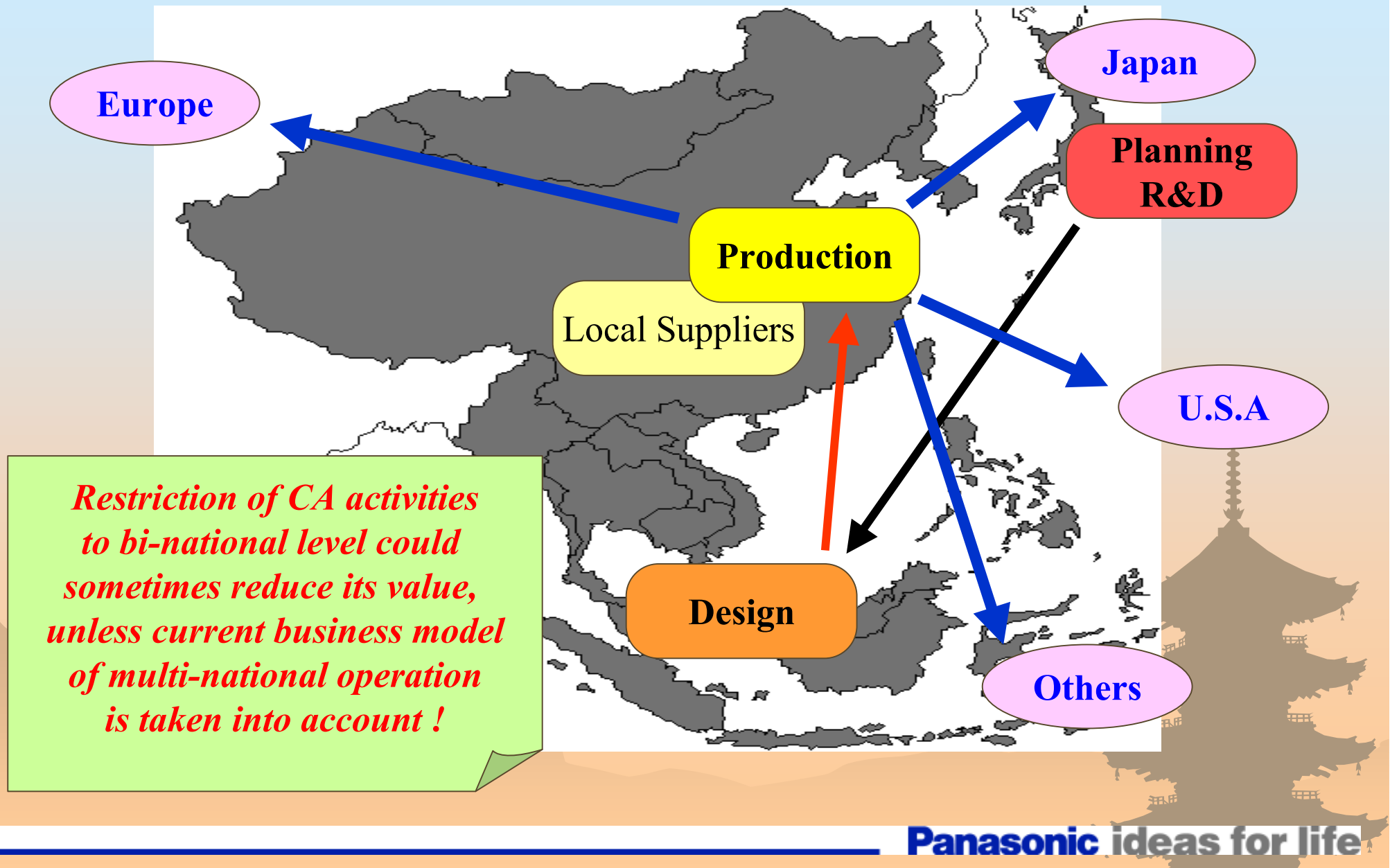
Our findings on Conformity Assessment Tools -1

CA Tools	Major findings from our experience
WTO-TBT Agreement	<ul style="list-style-type: none">- <i>Lengthy procedure but drastic regulatory reform is possible, like Chinese CCC scheme.</i>- <i>Membership of Russia/CIS is most welcome, as regulatory reform towards international harmonization is expected.</i>- <i>Reference to international standards/guides as a basis for CA procedures should be more binding.</i>
Mutual Recognition Agreement/Arrangement	<ul style="list-style-type: none">- <i>Lengthy procedure and limited to selected countries appropriate for FTA/MRA.</i>- <i>In some cases, MRA limits to products domestically manufactured in both countries and does not cover the ones manufactured in the third-country.</i>

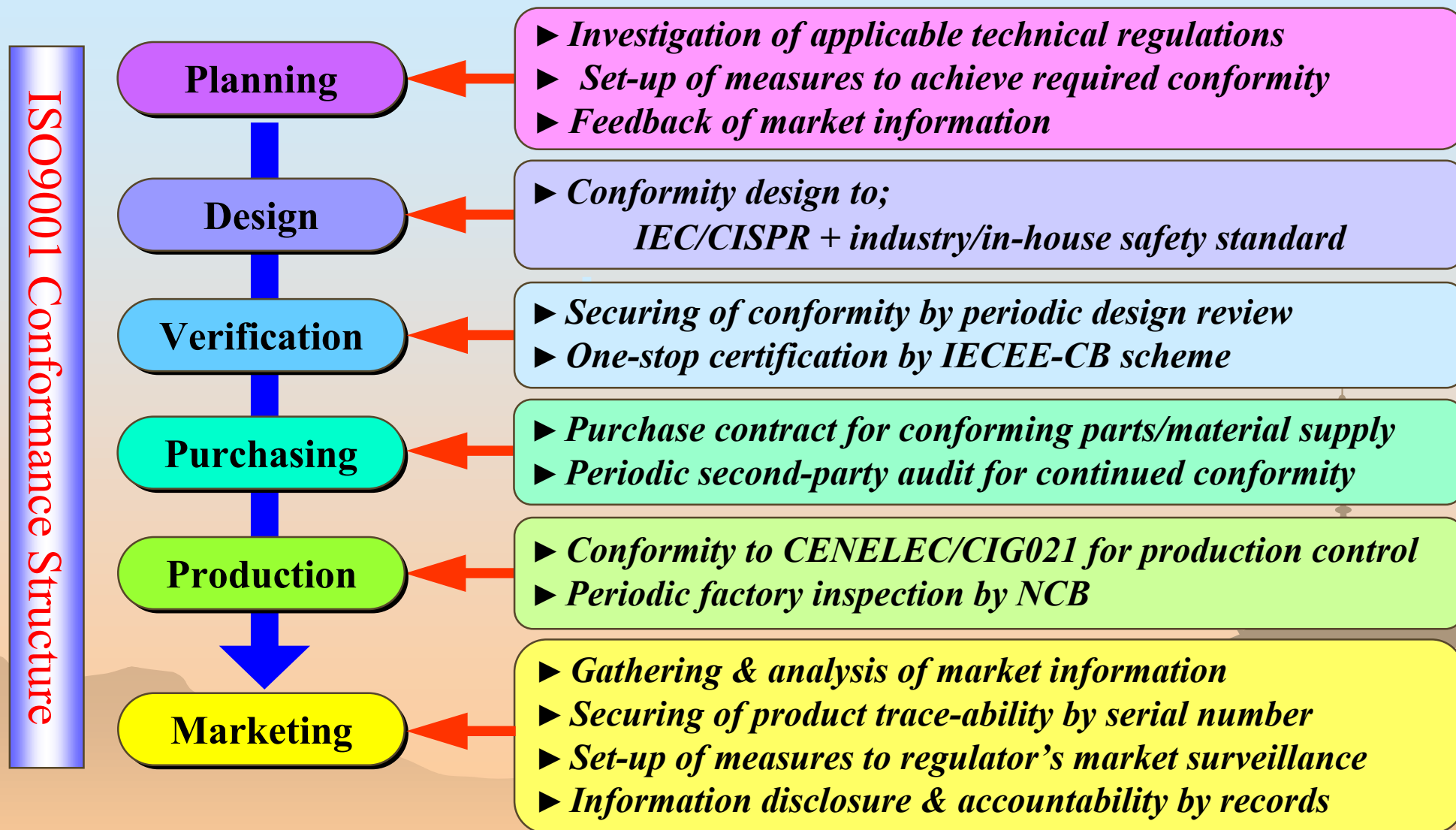
Our findings on Conformity Assessment Tools -2

CA Tools	Major findings from our experience
IECEE-CB Scheme	<ul style="list-style-type: none">- Scheme enabled one-stop testing among NCBs, but FCS including factory inspection is still not in full operation.- EMC arena as a new tool box of CB Scheme is welcome, but countries implementing mandatory certification do not participate.- New NCBs/CBTLs from developing countries are welcome but this should not hinder the sound operation of the scheme.
Laboratory Accreditation	<ul style="list-style-type: none">- Some Accreditation Bodies (ABs) do not accept MTL due to the reasons of neutrality & independency.- Specification of ISO/IEC 17025 is management system oriented and not appropriate for specific technology sectors such as EMC.- Accreditation forum such as ILAC/APLAC should approach closely the national regulators to influence to their legislation

Typical Business Model of Multi-national Operation



Our sustainable conformance activities on global basis



Summary – Our expectation for further improvement

In order to realize “one standard, one test, accepted everywhere”

► To national regulators;

- *Promotion of “Good Regulatory Practice”, with minimum intervention of CA procedure prior to product marketing.*
- *Transposition of international schemes into the national legislation.*
- *Designation/Accreditation of CABs under the national legislation to be based on technical competence only, not dependent on physical location.*

► To standard developers;

- *Speed up of standardization to catch up technology development.*
- *Standardization appropriate for proper conformity assessment.*
- *From management system oriented, to technology oriented standard in ISO/IEC standards & guides.*

► To CA providers;

- *Further promotion of homogeneous implementation among CABs.*
- *Establishing the equal-partnership with CA users, by offering value-added CA services as means of supplementing Supplier’s Declaration of Conformity.*

*Standards are of no use if
not used...*

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Thank you very much for your attention

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Vielen Dank für Ihre Aufmerksamkeit

Merci beaucoup

Le doy muchas gracias

