



Introduction to SMIIC Committee on Conformity Assessment and related standards

General Secretariat, SMIIC

Training Course on “Halal Certification Frameworks and Regulatory Compliance”
Halal Capacity Building Programme (Halal-CaB)

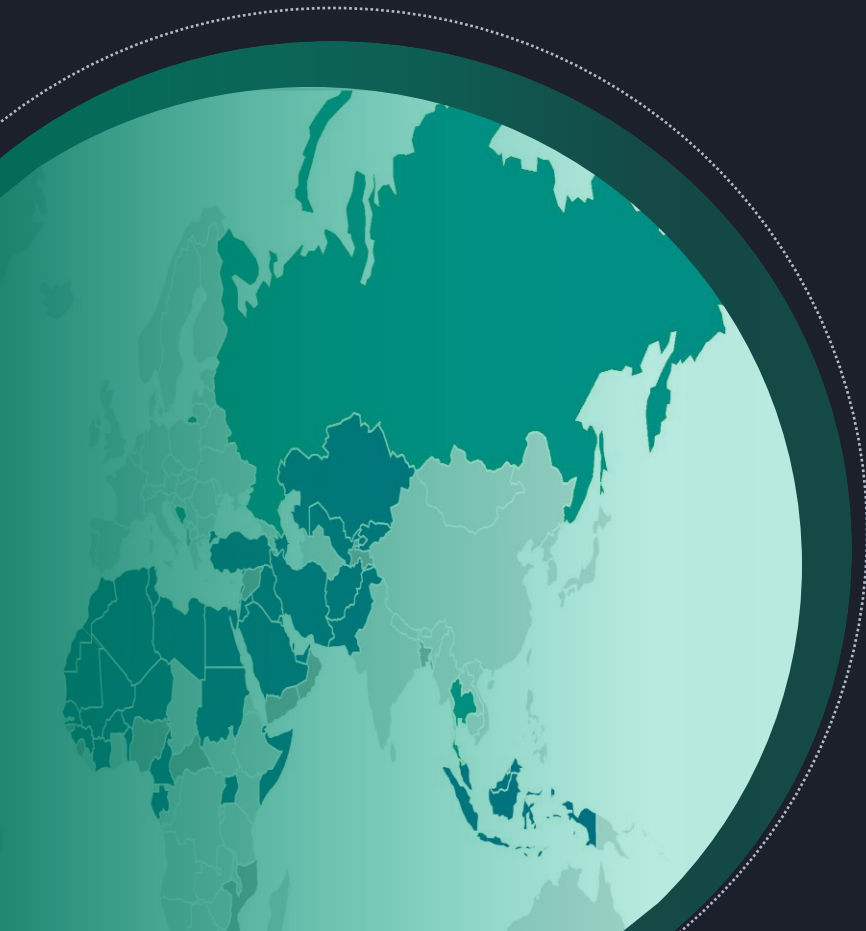
14-15 April 2026, Online

Standards

Metrology

Accreditation

ORGANIZATION OF ISLAMIC COOPERATION (OIC)



The second largest inter-governmental organization after the United Nations.



Established in September 1969.



57 Member States spread over four continents.



Collective voice of the Muslim world and ensuring to safeguard and protect the interests of the Muslim world.

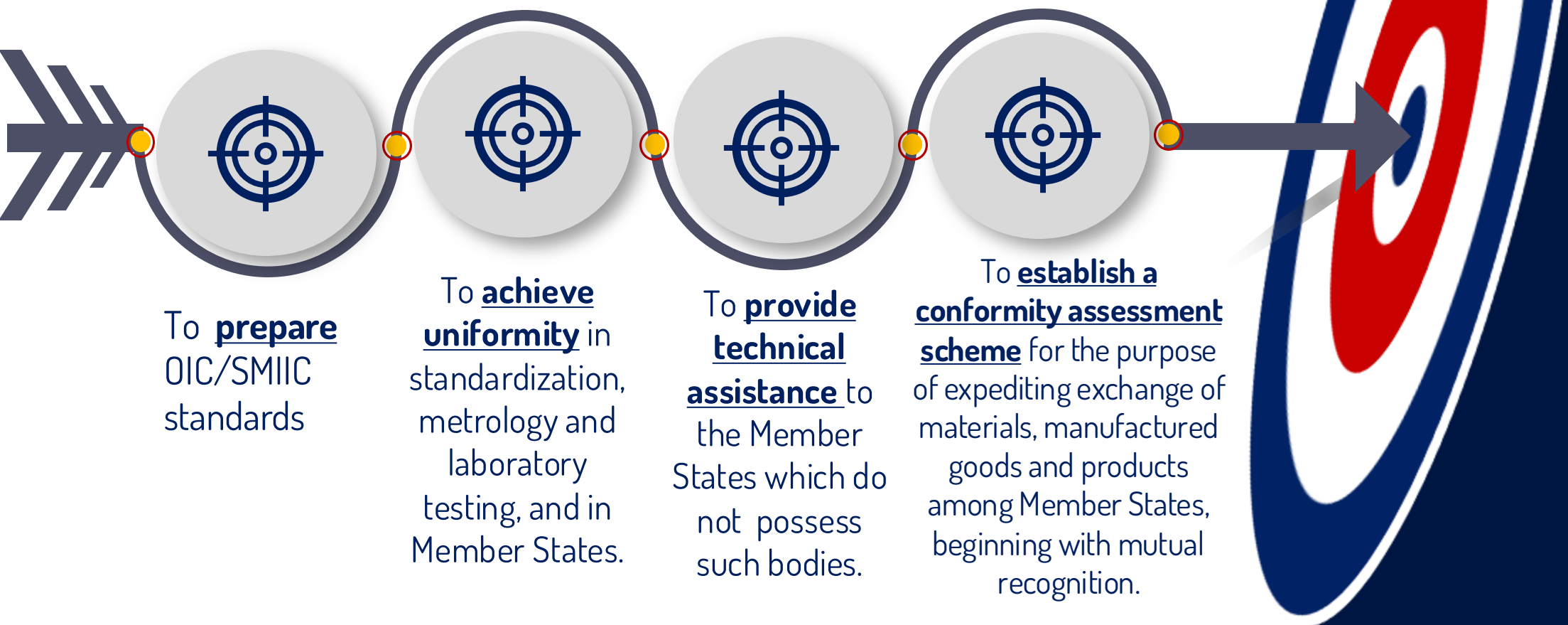
WHAT IS SMIC?

- SMIC is a treaty based and an intergovernmental organization, technical and affiliated to the OIC.
- Recognized as an international organization, has diplomatic status.
- Established in August 2010.
- Headquarters located in Istanbul, Turkey.
- Not a conformity assessment body (CB).



SMIC

MAIN OBJECTIVES OF SMIIC



SMIIC MEMBERS

All OIC Member States through their National Standardization, Metrology and Accreditation Bodies can be a SMIIC member.

SMIIC has 49 Member States to date. (46 Full and 3 Observer Members)

<https://www.smiic.org/en/members>



VISION

To create a quality infrastructure that improves economy, welfare and protects our Member States.

MISSION

To develop quality infrastructure, by establishing uniformity in standardization, metrology and accreditation activities including conformity assessment and quality improvement to facilitate trade and support sustainable economic growth, consumer welfare, environment and innovation promotion for our Member States.



What is a standard?

- A standard is a **consensus-based** document that sets requirements, specifications, guidelines, or characteristics for products, processes, services, or systems.
- Standards are generally **voluntary**.
- In practice, a standard may become effectively **mandatory** when referenced in legislation, regulation, contracts, or procurement.
- **Standardization** is the organized process of developing, adopting, maintaining, and revising such standards.

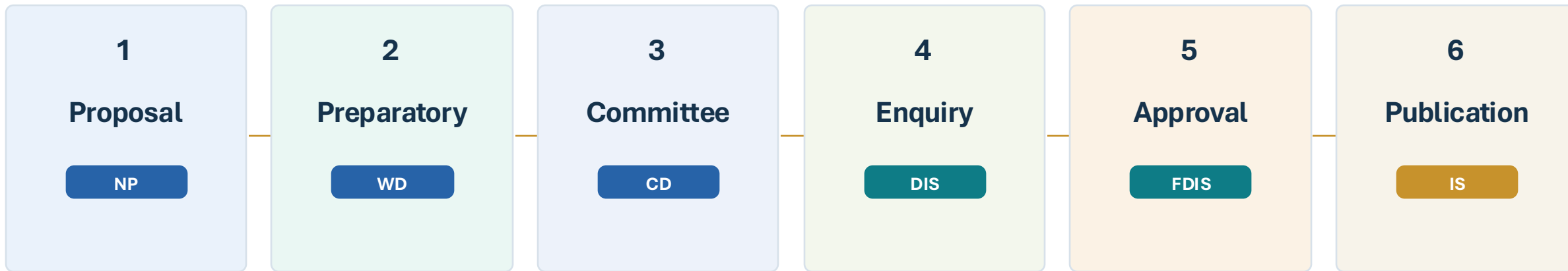
Why this topic matters



- ⦿ Standards create a common technical language.
- ⦿ They support quality, safety, interoperability, and confidence. Conformity assessment provides evidence that requirements are actually met.
- ⦿ Together, standards and conformity assessment reduce technical barriers to trade and support market access.

How is a standard developed?

International level



Who writes the text?

Technical committees and working groups made up of experts from industry, government, academia, consumers and other stakeholders.

How is consensus built?

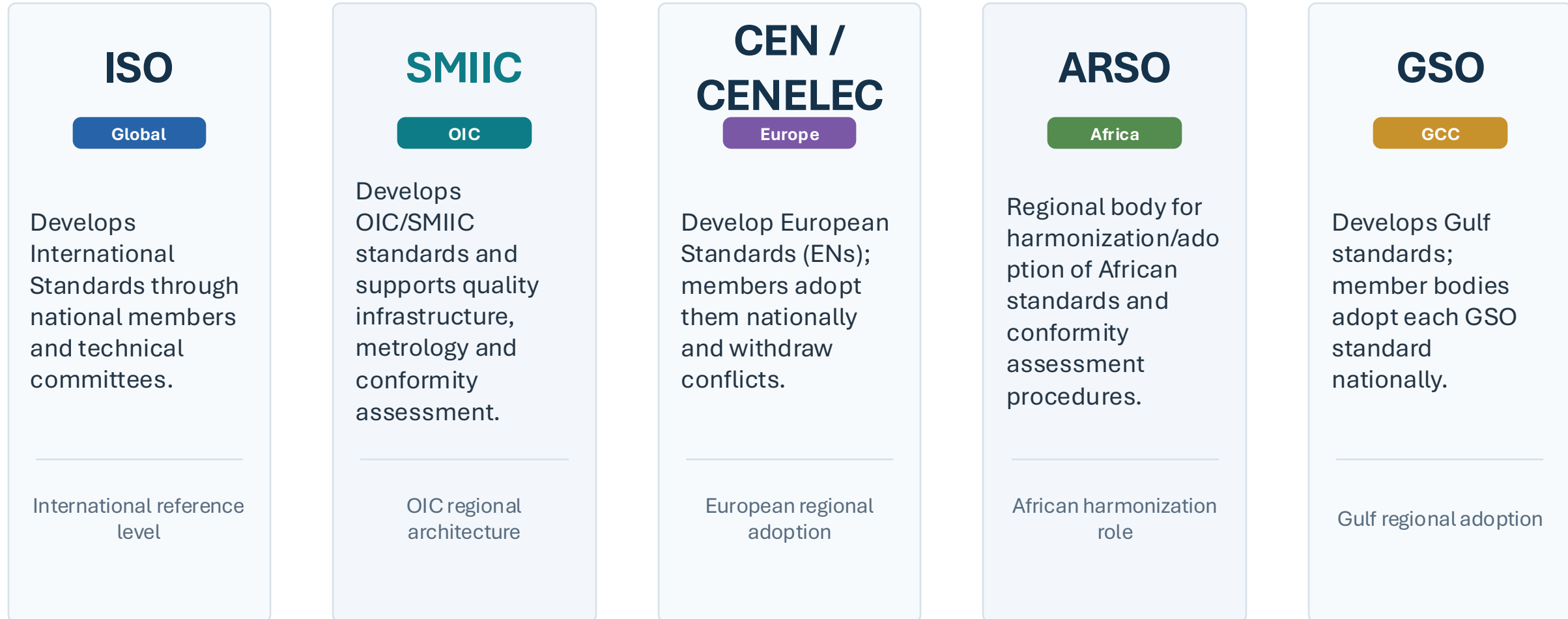
Drafts are commented, revised and voted. If agreement is not reached, the draft is modified and voted again.

Typical timing

it is indicated that developing a standard usually takes about three years, although tracks may vary.

Regional and international bodies at a glance

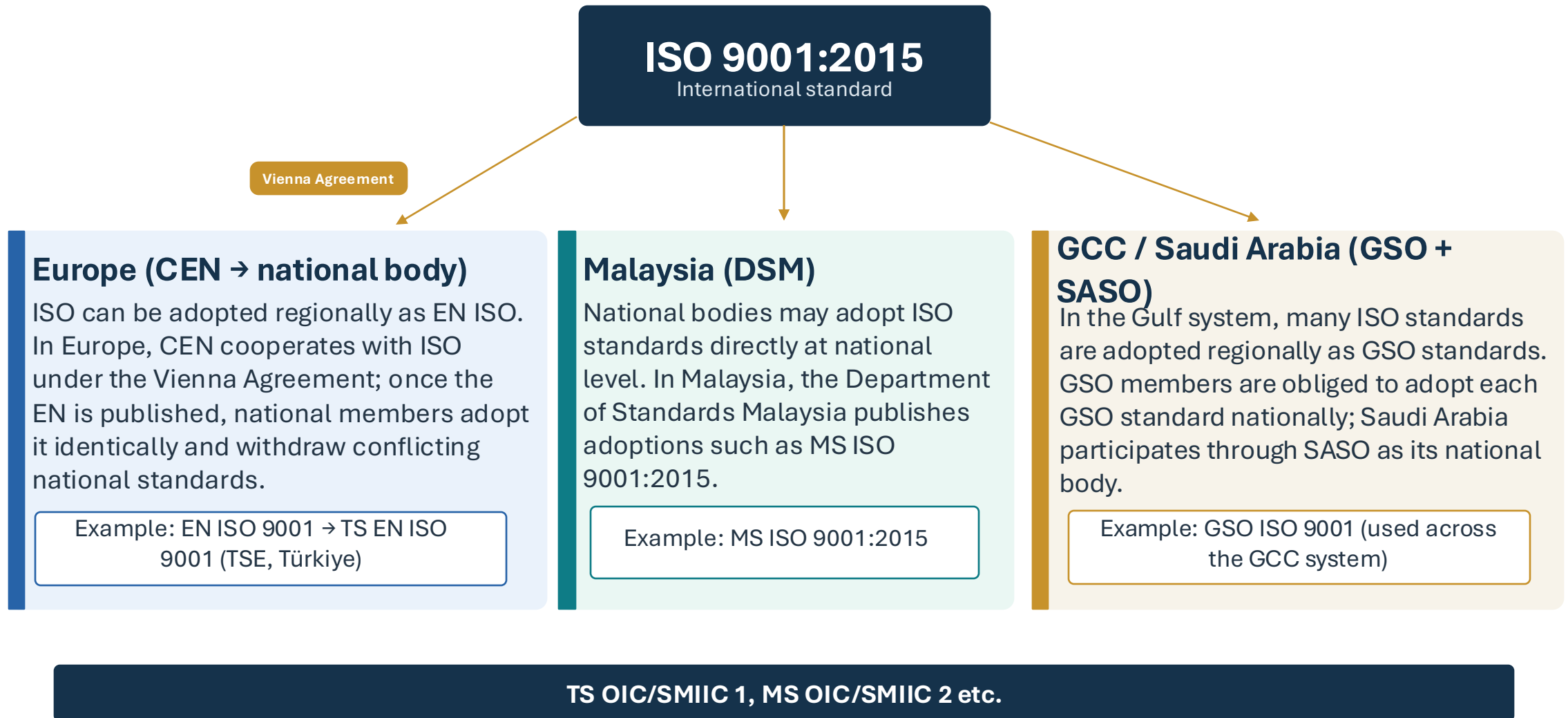
Who does what?

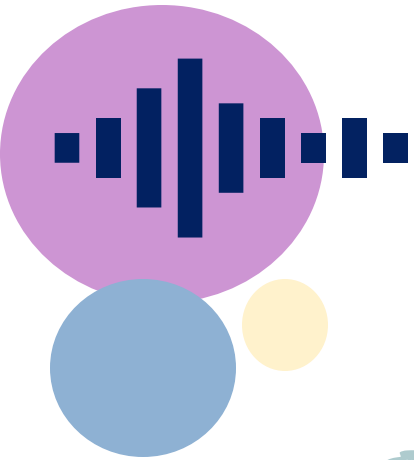


Useful narrative: ISO gives the global baseline; regional bodies adapt, harmonize or adopt; national bodies implement locally.

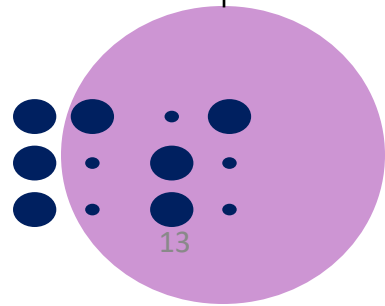
How one standard moves across levels

Adoption pathway example

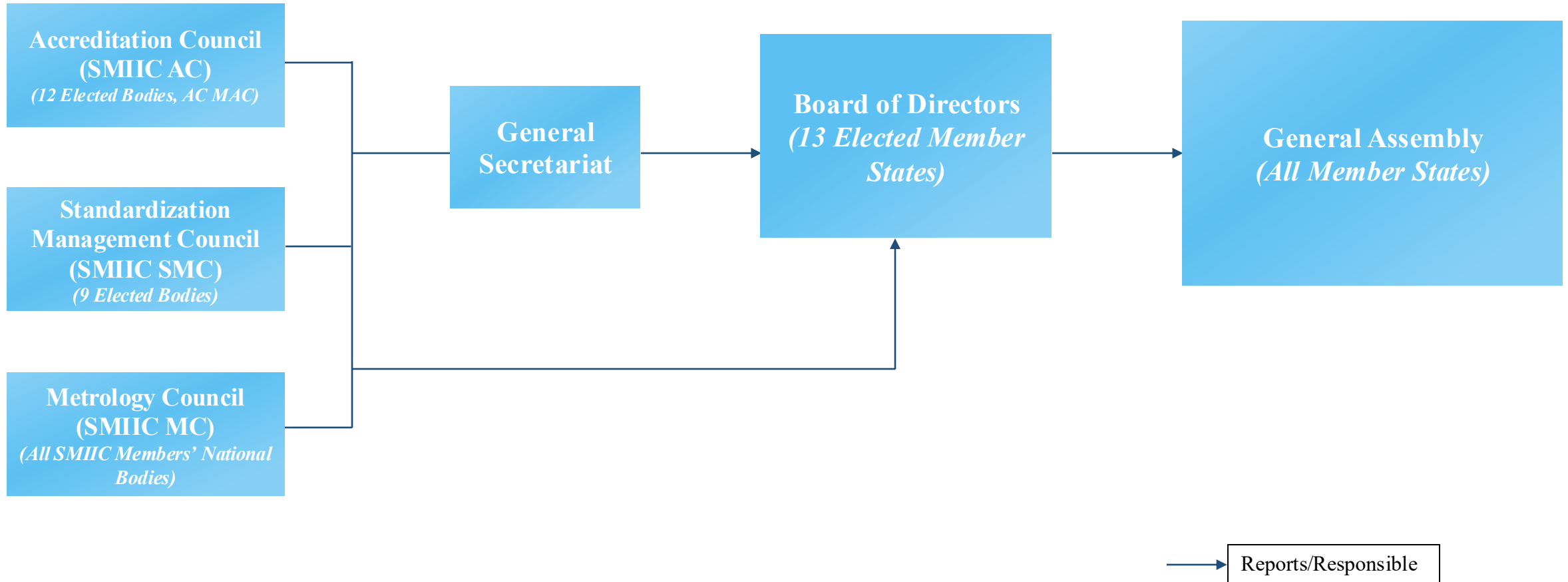




SMIC'S STRUCTURE AND SMIC ORGANS



ORGANIZATIONAL CHART OF SMIIC





SMIIC GENERAL ASSEMBLY

The General Assembly is the supreme decision-making organ of the SMIIC and composed of all Member States and Observers. The General Assembly meets at least once each year in an ordinary session at the Headquarters of the SMIIC or at any other venue as it may be agreed by Member States.

General Assembly makes decisions stated in the Statute and operates in accordance with the Rules of Procedure.



SMIIC BOARD OF DIRECTORS

The Board of Directors of the SMIIC is responsible for supervision of the execution of the programs, plans and activities of the Institute. The Board of Directors comprises of thirteen members, including the host country as the permanent member, elected by the General Assembly for a term of three years. Any member of the Board may be re-elected for successive terms.

The Board elects a chairman and three vice-chairmen among its members for a term of three years and re-electable for successive terms.

The Board of the Directors holds at least two meetings every year and is responsible before the General Assembly.

Board of Directors operates and makes decisions in line with the Statute, Rules of Procedure and Terms of Reference of Board of Directors.

ACCREDITATION COUNCIL (AC)



-AC is responsible for supporting actions for establishing a sound accreditation system OIC-wide and raise awareness of accreditation concept within the Member States.

-Membership is limited to the national accreditation bodies of SMIIC Member States.

-12 (twelve) national accreditation bodies for the management of AC.

-AC is the organ carrying out activities aimed at the establishment of an accreditation scheme in the OIC Member States.

A close-up photograph of various metrology tools, including calipers, a dial indicator, and a depth gauge, resting on a metallic surface. The image is partially obscured by a yellow and white curved graphic element.

METROLOGY COUNCIL (MC)

- MC members are national metrology institutes of the Member States and Observers of SMIIC.
- MC shall make cooperation in all types of metrology activities and policies among SMIIC Member States.

STANDARDIZATION MANAGEMENT COUNCIL **(SMC)**

-SMIIC organ assigned the task of development of OIC/SMIIC standards in cooperation with Member States.

-SMC coordinates and oversees the performance of the Technical Committees.

-Short name of published SMIIC's standards is **«OIC/SMIIC»**

What is SMIIC/CCA?

SMIIC/CCA is the SMIIC committee that works on issues relating to **conformity assessment standards**.

SMIIC/CCA was **established** in the 11th SMIIC Board of Directors (BOD) on 30 November 2015 in İstanbul.

SMIIC/CCA **develops policy** and **publishes OIC/SMIIC standards** related to conformity assessment.

It does not **perform** conformity assessment activities.

Membership is **open** to all SMIIC Members.

Scope of SMIC/CCA

Preparation of **policies** and **standards** for bodies involved in testing, calibration, certification, inspection, accreditation, and other related standards especially **halal conformity assessment and accreditation**.



- ❏ To **study** means of assessing the conformity of products, processes, services and management systems to appropriate standards or other technical specifications.
- ❏ To **prepare** OIC/SMIIC guides and standards relating to the practice of testing, inspection and certification of products, processes and services, and to the assessment of management systems, testing laboratories, inspection bodies, certification bodies, accreditation bodies and their operation and acceptance as well as bodies that certify persons.
- ❏ To **promote** mutual recognition and acceptance of national and regional conformity assessment systems, and the appropriate use of OIC/SMIIC Standards for testing, inspection, certification, assessment and related purposes.



- ❖ To **propose** to the SMIIC General Secretariat the relevant globally recognized regional or international standards for direct adoption.
- ❖ To **provide** answers to the clarification requests on the relevant SMIIC/CCA guides or standards which is submitted by any SMIIC Member State or liaison organization.

Liaisons of SMIIC/CCA



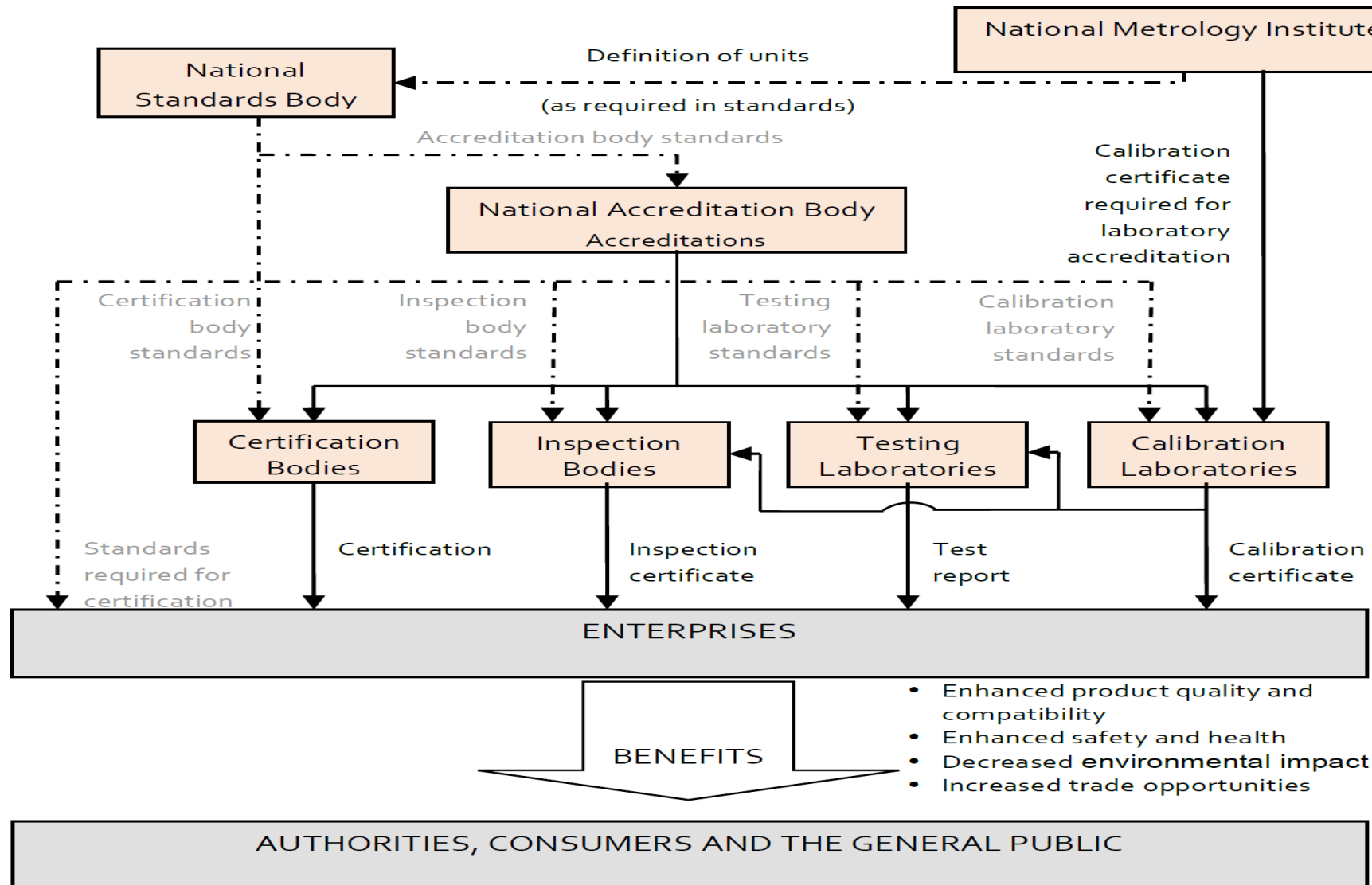
International Islamic Fiqh Academy (IIFA) is one of the liaison organizations of SMIIC/CCA from the time of the establishment of the committee.

SMIIC TC 1, TC 2, TC 5, TC 10, TC 11 are **internal liaisons** of SMIIC/CCA.

WHAT IS QUALITY INFRASTRUCTURE?

Quality infrastructure refers “to all aspects of *standardization, metrology, accreditation and conformity assessment (testing, management systems, inspection, certification)* that have a bearing on conformity assessment.

Quality infrastructure is a system of institutions which jointly ensure that products and processes meet **predefined specifications** which are **standards**.

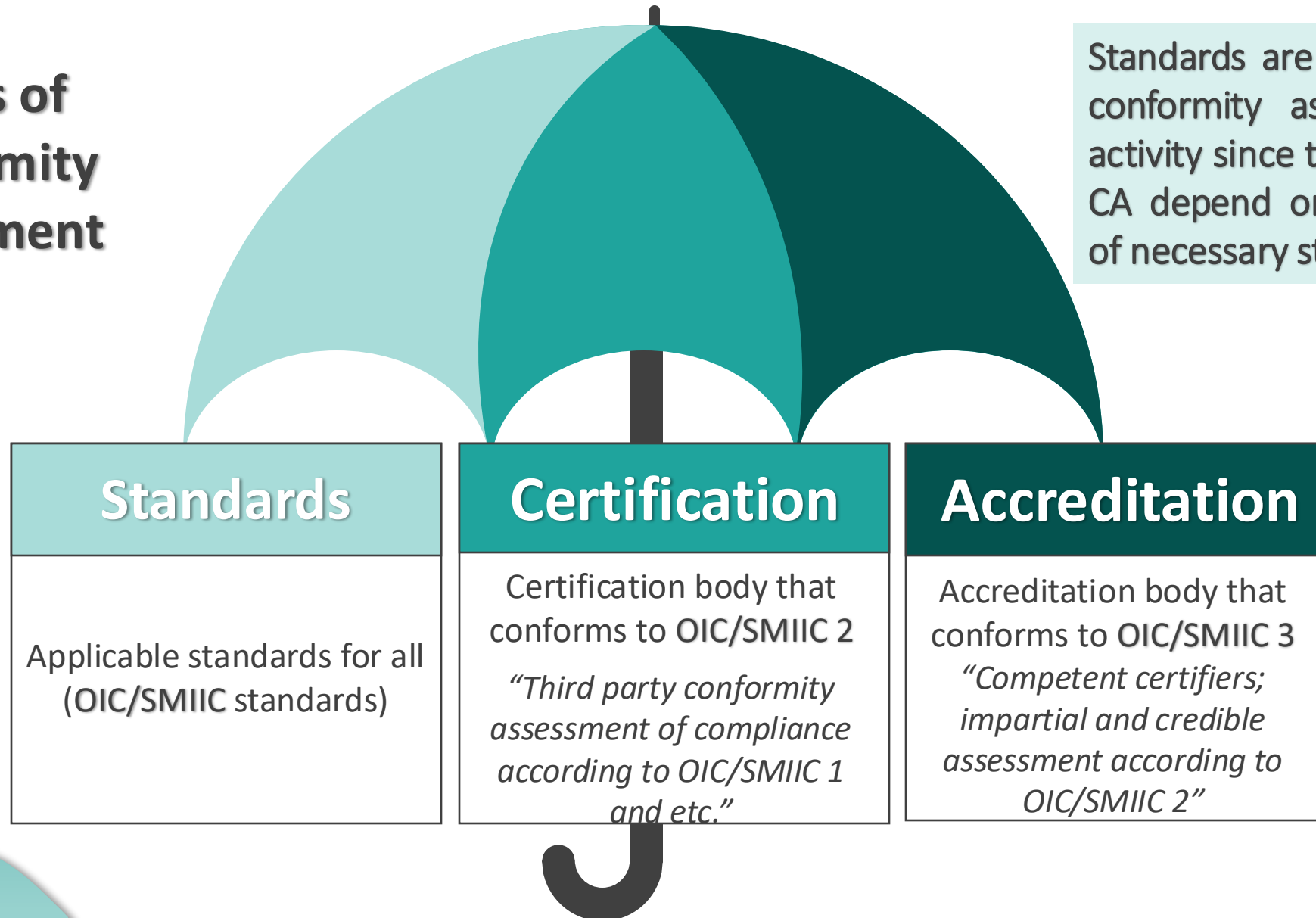


Source: World Bank 2007.



Pillars of Conformity Assessment

Standards are the key to any conformity assessment (CA) activity since the pillars of the CA depend on the existence of necessary standards.



OIC GLOBAL HALAL QUALITY INFRASTRUCTURE

- ❖ OIC Global Halal Quality Infrastructure (OHAQ) is a structure which describes the conformity assessment and accreditation of halal related activities and establishes rules to harmonize procedures and practices globally based on the international implementations to achieve full mutual recognition of halal certification and accreditation activities and issuing halal mark based on OIC/SMIIC standards.

Designated Structure

Mutual Recognition

MLA/MRA & Peer evaluation
in accordance with OIC/SMIIC
standards



**Halal Conformity Assessment Structure
According to OIC/SMIIC Standards**



Guidelines for Halal Accreditation Bodies
Accrediting Halal CABs.

SMIIC/CCA

OIC/SMIIC 3:2019

Guidelines for Halal CABs performing halal certification activities.

SMIIC/CCA

OIC/SMIIC 2:2019

Other OIC/SMIIC standards

Guidelines for Producers, Manufacturers and Service Providers to ensure halal conformance.

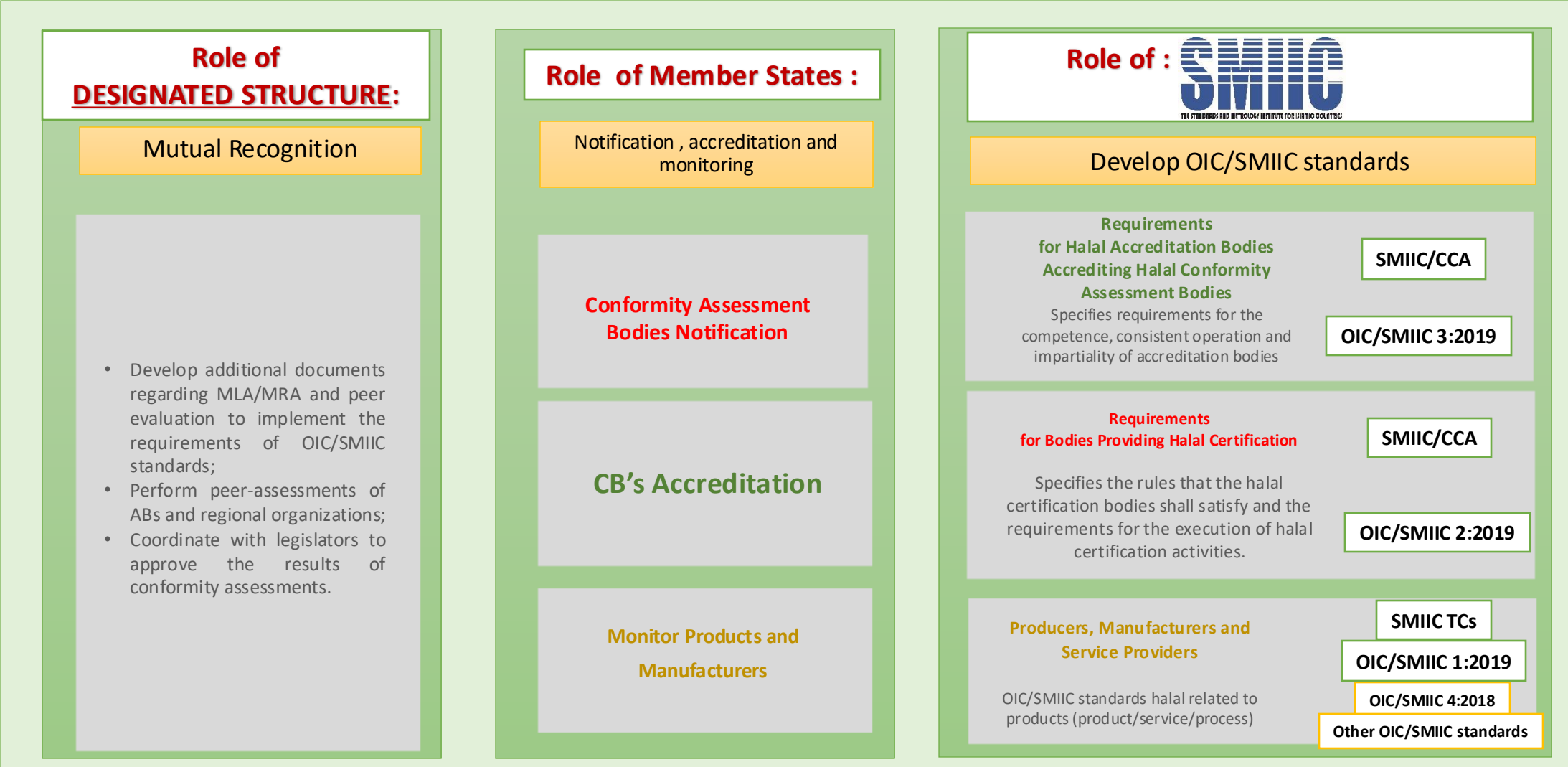
SMIIC TCs

OIC/SMIIC 1:2019

OIC/SMIIC 4:2018

OIC/SMIIC 9:2019

Other OIC/SMIIC standards



Publications of SMIIC/CCA

Standard	Revision Date
OIC/SMIIC 2:2019 - Conformity Assessment – Requirements for Bodies Providing Halal Certification	22.07.2019
OIC/SMIIC 3:2019 - Conformity Assessment - Requirements for Halal Accreditation Bodies Accrediting Halal Conformity Assessment Bodies	22.07.2019

Publications of SMIIC/CCA

Projects	Publication Date
OIC/SMIIC 33 - Conformity assessment - Example of a Certification Scheme for Halal Products	20.02.2020
OIC/SMIIC 34 - Conformity assessment - General Requirements for Bodies Operating Certification of Persons Involved in Halal Related Activities	20.02.2020
OIC/SMIIC 35 - Conformity assessment - General Requirements for the Competence of Laboratories Performing Halal Testing	20.02.2020
OIC/SMIIC 36 - Conformity assessment - General Requirements of Proficiency Testing for Halal Purposes	20.02.2020
OIC/SMIIC 57: 2022 - Conformity Assessment – General Requirements for the Operation of Various Types of Bodies Performing Halal Inspection	28.10.2022

Expected Outcomes of SMIC/CCA

The logo for SMIC (Syndicate of Muslim Industry Council) is displayed in white text on a maroon background. The background of the slide features a stylized, abstract image of a building's glass and steel structure, with a yellow and orange glow emanating from within, suggesting a modern, industrial setting.

SMIC

The **main objective** of SMIC/CCA is to **develop** a series of **generic OIC/SMIC** guides and standards that outline the way in which conformity assessment should be undertaken for product standards, management system standards, peer assessment processes, accreditation and mutual recognition, inspection and the management of laboratories undertaking any form of testing or calibration especially on halal conformity assessment activities.

OIC/SMIIC 2:2019

- This standard specifies the rules that the halal certification bodies shall satisfy and the requirements for the execution of halal certification activities.
- This standard contains principles and requirements for the competence, consistency and impartiality of the audit and certification of halal product/service/process and/or management systems for bodies providing these activities.



SMIIC

OIC/SMIIC 2: 2019

Second Edition
2019-07-22

Conformity Assessment – Requirements for Bodies Providing Halal Certification

The Standards and Metrology Institute for Islamic Countries
l'Institut de Normalisation et de Métrologie pour les Pays Islamiques
معهد المواصفات والمقاييس للدول الإسلامية

© 2019 SMIIC

OIC/SMIIC 3:2019

- This standard prescribes general guidance and procedures for the halal accreditation body assessing and accrediting halal conformity assessment bodies (HCABs).
- It is also appropriate as a requirements document for the peer evaluation process for mutual recognition arrangements between halal accreditation bodies of OIC Member States.



SMIIC

OIC/SMIIC 3: 2019

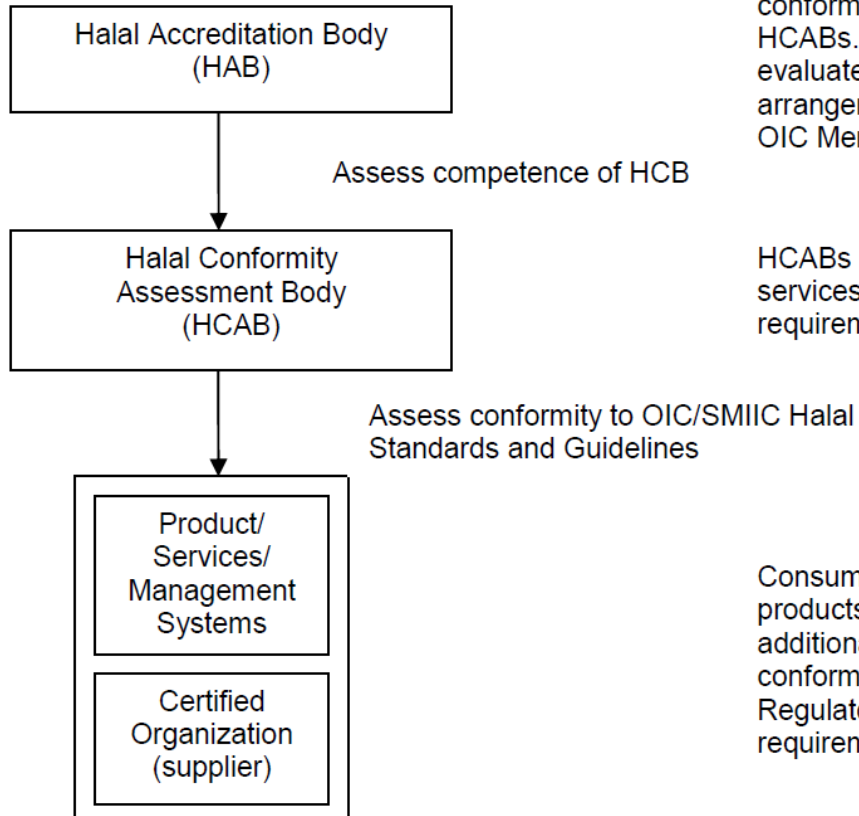
Second Edition
2019-07-22

**Conformity Assessment – Requirements
for Halal Accreditation Bodies
Accrediting Halal Conformity
Assessment Bodies**

The Standards and Metrology Institute for Islamic Countries
l'Institut de Normalisation et de Métrologie pour les Pays Islamiques
معهد المواصفات والمقاييس للدول الإسلامية

© 2019 SMIIC

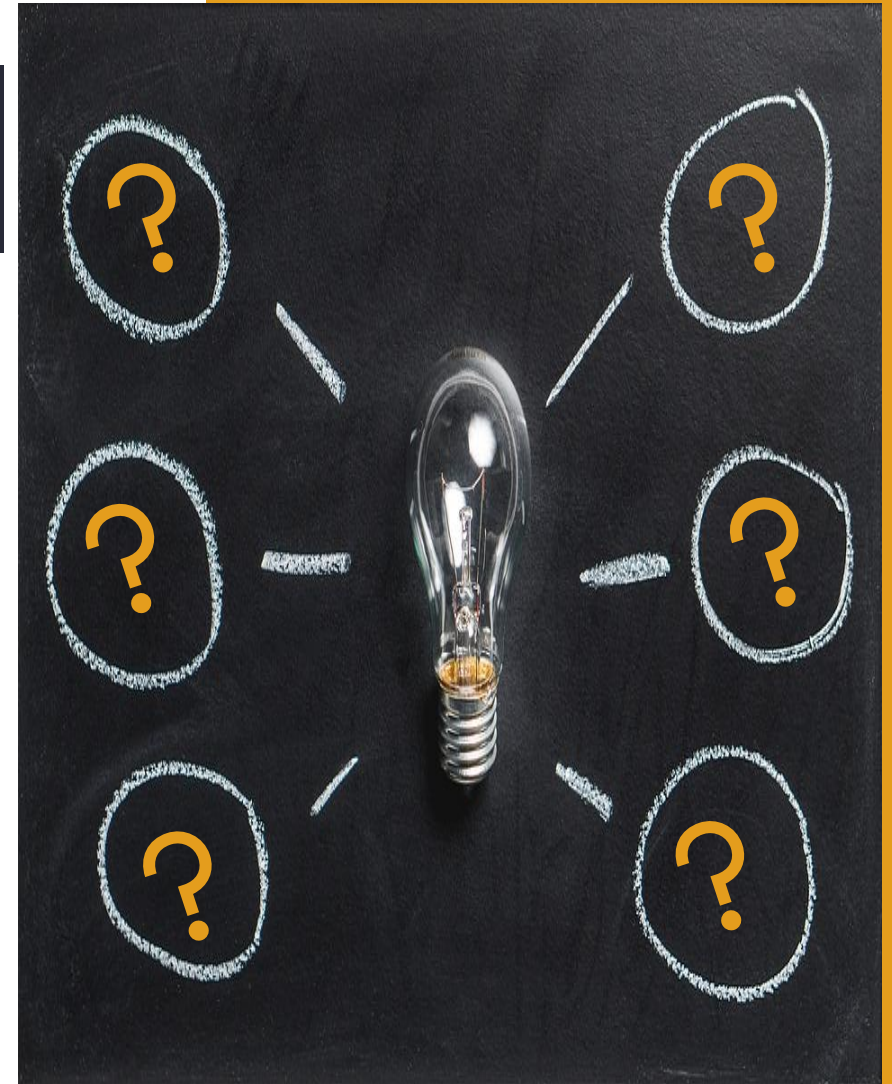
OIC/SMIIC 3:2019



HABs assess the competence of HCABs. They can facilitate trade by promoting global acceptance of conformity assessment results issued by accredited HCABs. This is strengthened if they are peer-evaluated and are members of mutual recognition arrangements among the accreditation bodies of OIC Member States.

HCABs assess conformity of products / process / services and suppliers to specifications / requirements and additional halal requirements.

Consumers/customers/clients/purchasers acquire products/services that conform to specifications and additional halal requirements or buy supplier that conform to specific and halal requirements. Regulatory authorities may set additional Halal requirements for products/services and suppliers.





Islamic Forum for Halal Accreditation Bodies (IFHAB)



IFHAB is established as an international, independent, impartial, non-governmental and non-profit structure. IFHAB is established in Makkah Al-Mukarramah Region, Kingdom of Saudi Arabia.

The IFHAB has been granted affiliated status with “Resolution No. 8/49-LO on Granting the Islamic Halal Bodies Accreditation Forum the Status of OIC Affiliated Institution” of the 49th Session of the Council of Foreign Ministers (CFM) of the Organization of Islamic Cooperation (OIC) held in Nouakchott, Islamic Republic of Mauritania, on 16 – 17 March 2023.



IFHAB

المنتدى الإسلامي لجهات اعتماد الحلال
Islamic Forum for Halal Accreditation Bodies

Islamic Forum for Halal Accreditation Bodies (IFHAB)

IFHAB is the designated structure as defined in the Terms of Reference (ToR) of the SMIIC Accreditation Council (SMIIC AC) and OIC Halal Quality Infrastructure (OHAQ) document.

Purpose of IFHAB is to develop and maintain Multilateral Recognition Arrangement (MRA) and is a cooperation of national halal accreditation bodies of the Organization of Islamic Cooperation (OIC) Member States.

Islamic Forum for Halal Accreditation Bodies (IFHAB)

OIC/CFM-48/2022/LO/RES/FINAL

Emphasizing the importance of specialized training in this field and the formation of a broad base of expert assessors in the Member States in the field of conformity assessment of Halal products and services,

Recalling the approval of the SMIIC Board of Directors No. 03/2021 to establish this forum, which will work in compliance with the specifications and regulations issued by the SMIIC,

The Council:

- 1- **Grants** The Islamic Halal Bodies Accreditation Forum the Status of OIC Affiliated Institution;
- 2- **Appreciates** the Kingdom's keenness to make this forum a success through its sponsorship of the budget of this forum;
- 3- **Affirms** that the Forum conforms to the standards and regulations issued by the Institute of Standards and Metrology for Islamic Countries;
- 4- **Calls upon** the Member States, the OIC General Secretariat, and its affiliated bodies to cooperate with this forum to carry out the task entrusted to it;
- 5- **Requests** the Secretary-General to follow up on the implementation of this resolution and report thereon to the 50th Session of the Council of Foreign Ministers.

Expectations from Member ABs

Operate according to
OIC/SMIIC 3:2019
Conformity Assessment -
Requirements for Halal
Accreditation Bodies
Accrediting Halal
Conformity Assessment
Bodies standard

Conduct halal
accreditation according
to OIC/SMIIC 2:2019 -
Conformity
Assessment –
Requirements for
Bodies Providing Halal
Certification standard

Bec
men
IF



Expectations from Member ABs

Operate according to
OIC/SMIIC 3:2019
Conformity Assessment -
Requirements for Halal
Accreditation Bodies
Accrediting Halal
Conformity Assessment
Bodies standard

Conduct halal
accreditation according
to OIC/SMIIC 2:2019 -
Conformity Assessment
– Requirements for
Bodies Providing Halal
Certification standard

Become a
member of
IFHAB

Be s
to t



Expectations from Member ABs

Conduct halal accreditation according to OIC/SMIIC 2:2019 - Conformity Assessment – Requirements for Bodies Providing Halal Certification standard

Become a member of IFHAB

Be signatory to the IFHAB MRA

Ac
equiva
halal
ass
activit
by t
m



Expectations from Member ABs

Become a
member of
IFHAB

Be
signatory
to the
IFHAB MRA

Accept the
equivalence of the
halal conformity
assessment
activities operated
by the signing
members.



Expectations from Member ABs

Be
signatory to
the IFHAB
MRA

Accept the
equivalence of the
halal conformity
assessment
activities operated
by the signing
members.



Roles for Future

- **SMIIC:** To develop necessary OIC/SMIIC standards to be used by CBs and ABs
- **ABs of OIC Member States:** To initiate and conduct halal accreditation activities according to OIC/SMIIC 2 and other relevant CA standards
- **IFHAB:** To establish a system based on the recognition/acceptance of halal conformity assessment results issued by the conformity assessment bodies accredited by the IFHAB signatories in accordance with the OIC/SMIIC standards through peer assessment
- **SMIIC AC:** To establish accreditation and certification schemes in halal domain based on OIC/SMIIC standards to be implemented by IFHAB

OIC/SMIIC STANDARDS ON HALAL ISSUES - I

OIC/SMIIC 2:2019, CA- Requirements for Bodies Providing Halal Certification , *(with the references of ISO/IEC 17020, ISO/IEC 17021-1, ISO/IEC 9001, ISO/IEC 17065, ISO/IEC 17025 & ISO/TS 22003 + Islamic Fiqh Rules),*

OIC/SMIIC 4:2018, Halal Cosmetics - General Requirements, *(with the references of ISO 22716 + Islamic Fiqh Rules)*

OIC/SMIIC 1:2019, General Requirements for Halal Food, *(with the references of CODEX, ISO 22000, ISOTS 22002, ISO 22005 + Islamic Fiqh Rules),*

OIC/SMIIC 3:2019, CA-Requirements for Halal Accreditation Bodies Accrediting Halal Conformity Assessment Bodies , *(with the references of ISO/IEC 17011 + Islamic Fiqh Rules),*

OIC/SMIIC STANDARDS ON HALAL ISSUES - II

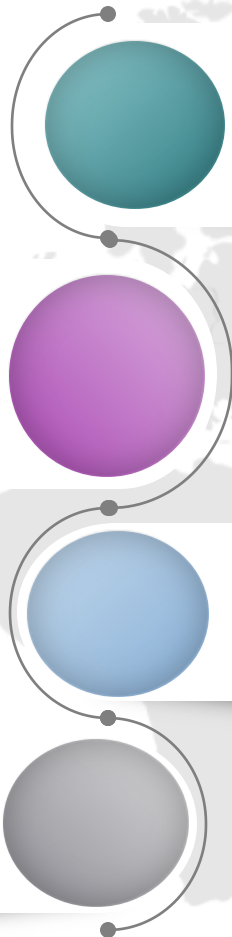
OIC/SMIIC 9:2019, Halal Tourism Services – General Requirements,

OIC/SMIIC 17-2:2020, Halal Supply Chain Management System – Part 2 – Warehousing – General requirements

OIC/SMIIC 6:2019, Particular requirements for the application of OIC/SMIIC 1 to places where Halal foods and beverages are prepared, stored and served *(with the references of ISO 22000 + Islamic Fiqh Rules)*,

OIC/SMIIC 17-1:2020, Halal Supply Chain Management System – Part 1 – Transportation – General requirements,

OIC/SMIIC STANDARDS ON HALAL ISSUES - III



OIC/SMIIC 17-3:2020, Halal Supply Chain Management System – Part 3 – Retailing – General requirements

OIC/SMIIC 18: 2021, Halal Quality Management System – Requirements *(with the references of ISO 9000 + Islamic Fiqh Rules)*

OIC/SMIIC 22:2021, Halal Edible Gelatine- Requirements and Test Methods

OIC/SMIIC 23: 2022 Feeding Stuffs for Halal Animals – General Requirements *(with the references of ISO 22005, + Islamic Fiqh Rules)*

OIC/SMIIC STANDARDS ON HALAL ISSUES - IV

OIC/SMIIC 33:2020, Conformity Assessment –
Example of a Certification Scheme for Halal Products
(with the references of ISO/IEC TR 17026 + Islamic Fiqh Rules)

OIC/SMIIC 35:2020, CA- General Requirements for the
Competence of Laboratories Performing Halal Testing *(with
the references of ISO/IEC 17025 + Islamic Fiqh Rules)*

OIC/SMIIC 24:2020, General Requirements for Food
Additives and Other Added Chemicals to Halal Food *(with
the references of CXS 192, CXG 36, + Islamic Fiqh Rules)*

OIC/SMIIC 34:2020, CA-General Requirements for Bodies Operating
Certification of Persons Involved in the Halal Related Activities
(with the references of ISO/IEC 17024 + Islamic Fiqh Rules)

OIC/SMIIC STANDARDS ON HALAL ISSUES - V

OIC/SMIIC 37:2022, Halal Products- Usage of Animal Bone, Skin and Hair- General Guidelines

OIC/SMIIC 57: 2022 Conformity Assessment – General Requirements for the Operation of Various Types of Bodies Performing Halal Inspection *(with the references of ISO/IEC 17020, ISO/IEC 17000+ Islamic Fiqh Rules)*

OIC/SMIIC 36:2020, CA- General Requirements of Proficiency Testing for Halal Purposes *(with the references of ISO/IEC 17043 + Islamic Fiqh Rules)*

OIC/SMIIC 50-1: 2022, Halal Pharmaceuticals – Part 1 – General Requirements

OIG/SMIC 1

General Requirements for Halal Food:

Basic requirements of halal food and its products based on Islamic rules for any stage of food chain such as:

- Preparation,
- Processing,
- packaging, labelling and marking,
- storage and service...etc.

OIC/SMIC 2

Conformity Assessment – Requirements for Bodies Providing Halal Certification :

requirements for halal certification bodies (HCBs).

to ensure that HCBs operate halal product or service or management system certification in a competent, consistent and impartial manner



OIC/SMIC 3

Conformity Assessment – Requirements for Halal Accreditation Bodies Accrediting Halal Conformity Assessment Bodies:

sets out the rules for the organizations providing accreditation services for halal certification bodies:

- ✓ in OIC member countries or,
- ✓ in those countries trading with OIC member countries or,
- ✓ in any other country.



OIC/SMIC 33

Conformity Assessment – Example of a Certification Scheme for Halal Products

describes the fundamentals of halal product certification and provides guidelines for understanding, developing, operating or maintaining certification schemes for halal products, processes and services.

provides an example of a type 5 product certification scheme for halal products as described in ISO/IEC 17067 based on Islamic rules.

OIC/SMIC 34

Conformity Assessment - General Requirements for Bodies Operating Certification of Persons Involved in the Halal Related Activities

contains principles and general requirements for bodies operating certification of persons involved in the halal related activities against specific requirements, and includes the development and maintenance of a certification scheme for these persons.

can be used by governmental authorities, programme owners and others as a document of criteria for accreditation, peer assessment and appointment.

OIC/SMIC 35

Conformity Assessment - General Requirements for the Competence of Laboratories Performing Halal Testing

specifies the general requirements for Laboratories performing Halal Testing.

Compliance to this document does not in any way exempt laboratories from or diminish their responsibilities in observing/complying with existing national laws and regulations/guidelines currently enforced in the country.



OIC/SMIC 36

Conformity Assessment – General Requirements of Proficiency Testing for Halal Purposes

specifies general requirements for the competence of providers of halal proficiency testing schemes and for the development and operation of halal proficiency testing schemes.

can be used as a basis for specific technical requirements for particular fields of application.



OIC/SMIC 57

Conformity Assessment – General Requirements for the Operation of Various Types of Bodies Performing Halal Inspection

specifies the general requirements for inspection bodies performing halal inspection to apply to halal-related inspection activities. *(All the organizations/all types of bodies performing halal inspection activities at any/all stage are included to the scope of this document.)*

Compliance to this document does not in any way exempt inspection bodies from or diminish their responsibilities in observing/complying with existing national laws and regulations/guidelines currently enforced in the country.

Thank you for your kind attention

SMIIC General Secretariat

İstanbul Dünya Ticaret Merkezi A1 Blok No: 437-438

K:14 Yeşilköy, Bakırköy-İstanbul/TURKEY, 34149

Tel.: +90 212 465 65 07 or +90 212 465 65 08

Fax: +90 212 465 65 09

E-mail: secretariat@smiic.org

Web: www.smiic.org