



“OIC/SMIIC Standards on Halal Issues and Halal Quality Infrastructure”

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Secretary General, SMIIC

2021

Standards

Metrology

Accreditation

OUTLINE

Organization of Islamic Cooperation (OIC) & Standards and Metrology Institute for Islamic Countries (SMIIC)

Standardization and OIC Global Halal Quality Infrastructure (OHAQ)

SMIIC's Structure and SMIIC Organs

Islamic Rules in OIC/SMIIC Standards

OIC/SMIIC Standards on Halal Issues

Conclusion



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 SMIIC?

- SMIIC 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).



MAIN OBJECTIVES OF SMIIC



A BRIEF HISTORY – 1

The draft Statute prepared and submitted to the OIC Member States for their signature and ratification procedure

1985
1999

The statute has entered into force and the Institute established in 2010 and the SMIIIC General Secretariat initiated its activities in İstanbul in 2011-2012.

2010
2012

SMIIIC Information System (IS) launched, SMIIIC CCA and New TCs established. Strategic Plan 2016-2020 adopted. Number of member states 36

2015
2016

The Institute restructured by 7 May 2017, Radical changes made to Statute, Rules of Procedures and organizational chart of the Institute. 3 technical councils established (SMIIIC SMC, SMIIIC AC, SMIIIC MC)

2017

A BRIEF HISTORY – 2

SMIIC Members increased to 40 and AC, SMC and BOD's members for 2018-2020 term was elected. TCs' numbers reached 15.

2018

SMIIC Members increased to 42 and 13 OIC/SMIIC standards and new editions of SMIIC Directives published. OIC/SMIIC 1,2,3 halal standard series revised thoroughly and OIC/SMIIC 9 halal tourism standard published.

2019

TC's number reached 17 and number of published OIC/SMIIC standards increased to 38. Physical meetings switched to virtual ones. Elections postponed and terms of office extended for another year. Strategic Plan 2021-2030 approved.

2020



SMIIC Statute (2017)

Rules of Procedure (2017)

Internal Regulations (*Financial, Staff, etc.*) (2017)

Directives and Guides
(2019)

SMIIC Strategic Plan 2021-2030

SMIIC MEMBERS

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

SMIIC has 45 Member States to date. (42 Full and 3 Observer Members)

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



30 MEMBERS from Arab and African Region



- | | | | |
|----|---------------|----|----------------------|
| 1 | Algeria | 15 | Lebanon |
| 2 | Benin | 16 | Libya |
| 3 | Burkina Faso | 17 | Mali |
| 4 | Cameroon | 18 | Mauritania |
| 5 | Chad | 19 | Morocco |
| 6 | Côte d'Ivoire | 20 | Niger |
| 7 | Djibouti | 21 | Palestine |
| 8 | Egypt | 22 | Qatar |
| 9 | Gabon | 23 | Saudi Arabia |
| 10 | Gambia | 24 | Senegal |
| 11 | Guinea | 25 | Somalia |
| 12 | Iraq | 26 | Sudan |
| 13 | Jordan | 27 | Tunisia |
| 14 | Kuwait | 28 | Uganda |
| | | 29 | United Arab Emirates |



- The Institute encourages to cooperate with other international and regional organizations interested partially or wholly in standardization or related activities.
- ***Signed MoUs: GSO, AIDMO, ITC, ARSO, ARAC, ICCIA, UNIDO.***
 - the African Organisation for Standardisation (**ARSO**)
 - GCC Standardisation Organization (**GSO**)
 - Arab Industrial Development & Mining Organization (**AIDMO**)
 - The Arab Accreditation Cooperation (ARAC)
 - ITC, ICCIA, UNECE, and UNIDO
- ***To be Signed MoUs: ISO, IEC, SARSO, ITU, CEN.***





CIVIL



VISION

MISSION



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.

SMIC Strategic Plan 2021-2030

- 🎯 Develop high-quality standards that are used worldwide
- 🎯 Support members' needs and ensure effective engagement of their stakeholders
- 🎯 Support the enhancement of quality infrastructure and interconnectivity of members



Strategic Plan 2021-2030

SMIIC Strategic Plan 2021-2030 Map

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.

Strategic Priorities (Goals)

Develop high-quality standards that are used worldwide.

Support members' needs and ensure effective engagement of their stakeholders

Support the enhancement of quality infrastructure and interconnectivity of members

Value/ Customer

Develop high quality standards that are relevant to the needs of Members and stakeholders

Encourage adoption and/or Implementation of OIC/SMIIC Standards by Members

Promote SMIIC activities to leverage satisfaction

Support members especially Least Developed Countries-(LDCs) to strengthen National Quality infrastructure

Provide a common and internationally recognized platform of halal accreditation based on OIC/SMIIC standards

Internal Processes

Improve the standardization process

Support and coordinate members especially Least Developing Countries-(LDCs) for effective engagement with regional and international organizations

Ensure the coordination and synergies with other organizations and among projects implemented

Learning And Growth

Improve technical infrastructure of SMIIC to meet priority needs

Coordinate and organize projects, meetings and trainings for Technical Capacity Building

Support the members to enhance interconnectivity

Financial

Increase revenue to make SMIIC financially sufficient

Utilize SMIIC members resources for supporting SMIIC activities to decrease expenses



Strategic Plan 2021-2030

SMIIC Strategic Plan 2021-2030 Balanced Scorecard

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

Strategic Priorities (Goals)

Develop high-quality standards that are used worldwide.

Support members' needs and ensure effective engagement of their stakeholders

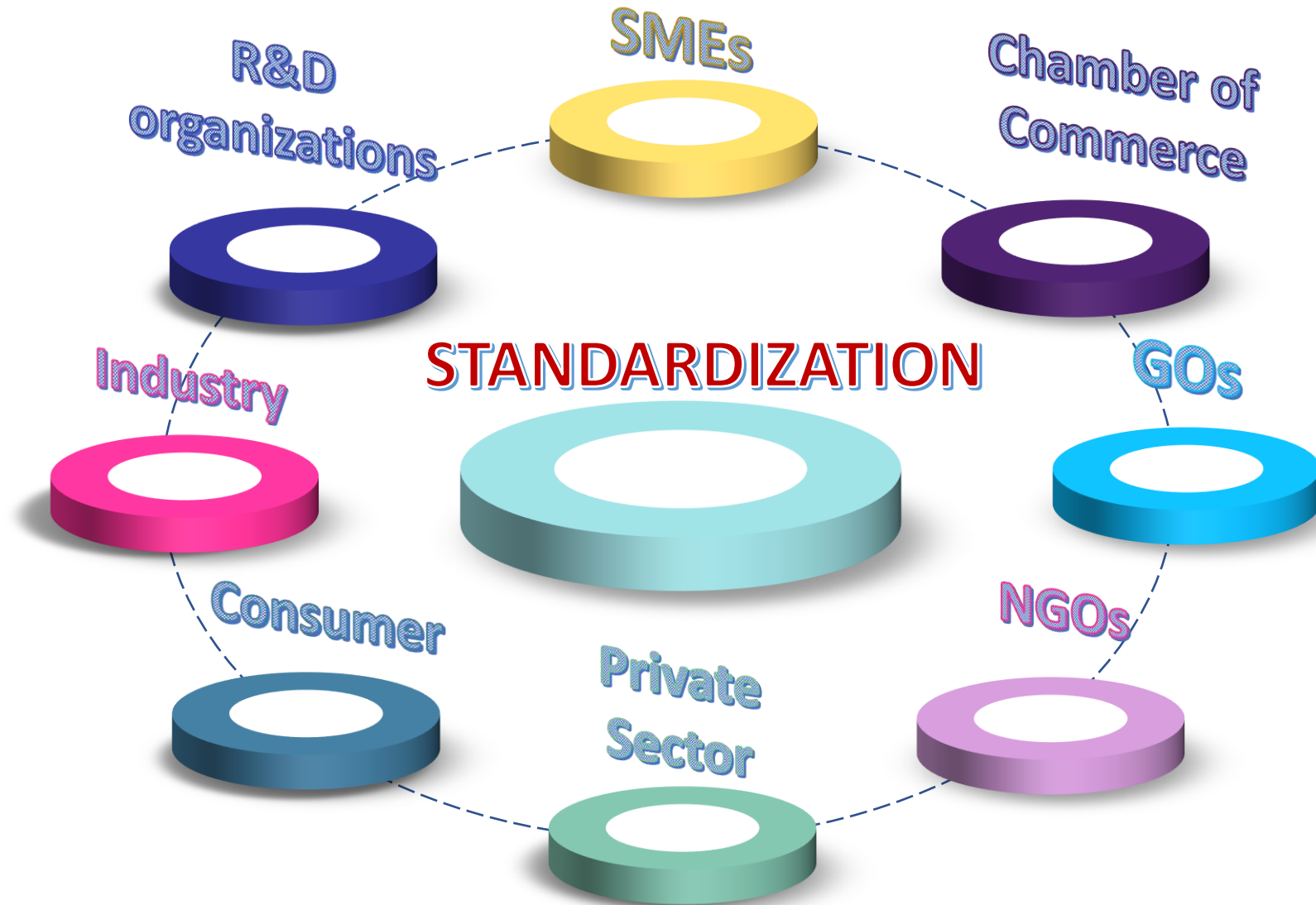
Support the enhancement of quality infrastructure and interconnectivity of members

	Strategic Objectives	Key Performance Indicators	Initiatives
Value/ Customer	1. Develop high quality standards that are relevant to the needs of Members and stakeholders	# of standards published	
	2. Encourage adoption and/or implementation of OIC/SMIIC Standards by Members	# of standards adopted and/or implemented	
	3. Promote SMIIC activities to leverage satisfaction	# of surveys, seminars and expo	
		% of satisfaction degree rate	
	4. Support members especially Least Developed Countries-(LDCs) to strengthen National Quality infrastructure	# of trainings # of projects	
5. Provide a common and internationally recognized platform of Halal accreditation based on OIC/SMIIC standards	# of recognized Halal accreditation bodies		
Internal Processes	6. Improve the standardization process	# of experts involved in standards projects	
		% of prioritized projects out of total identified	
		# research activities	
		% of women experts involved in standards projects	
	7. Support and coordinate members especially Least Developed Countries-(LDCs) for effective engagement with regional and international organizations	# of LDC Members supported to get engaged with regional and international organizations	
8. Ensure the coordination and synergies with other organizations and among projects implemented	# of projects coordinated		
Learning and Growth	9. Improve technical infrastructure of SMIIC to meet priority needs	# of programmes # of improvements to existing technical infrastructure such as SMIIC IS, SMIIC FS, virtual meetings accounts, ... etc.	
	10. Coordinate and organize projects, meetings and trainings for Technical Capacity Building	# of projects and trainings conducted for capacity building	
	11. Support the members to enhance interconnectivity	# of common projects	
Financial	12. Increase venue to make SMIIC financially sufficient	% of increase in contributions received	
		% of revenue (from services) against expenses	
	13. Utilize SMIIC members resources for supporting SMIIC activities to decrease expenses	# of resources utilized from members	

WHAT IS A **STANDARD**?

A DOCUMENT prepared by CONSENSUS,
Approved by a RECOGNIZED BODY,
Contributed by its STAKEHOLDERS,
For COMMON and REPEATED USE, VOLUNTARY.

**A DOCUMENT WHICH DEFINES THE MUSTS OF A
PRODUCT OR SERVICE OR PROCESS**



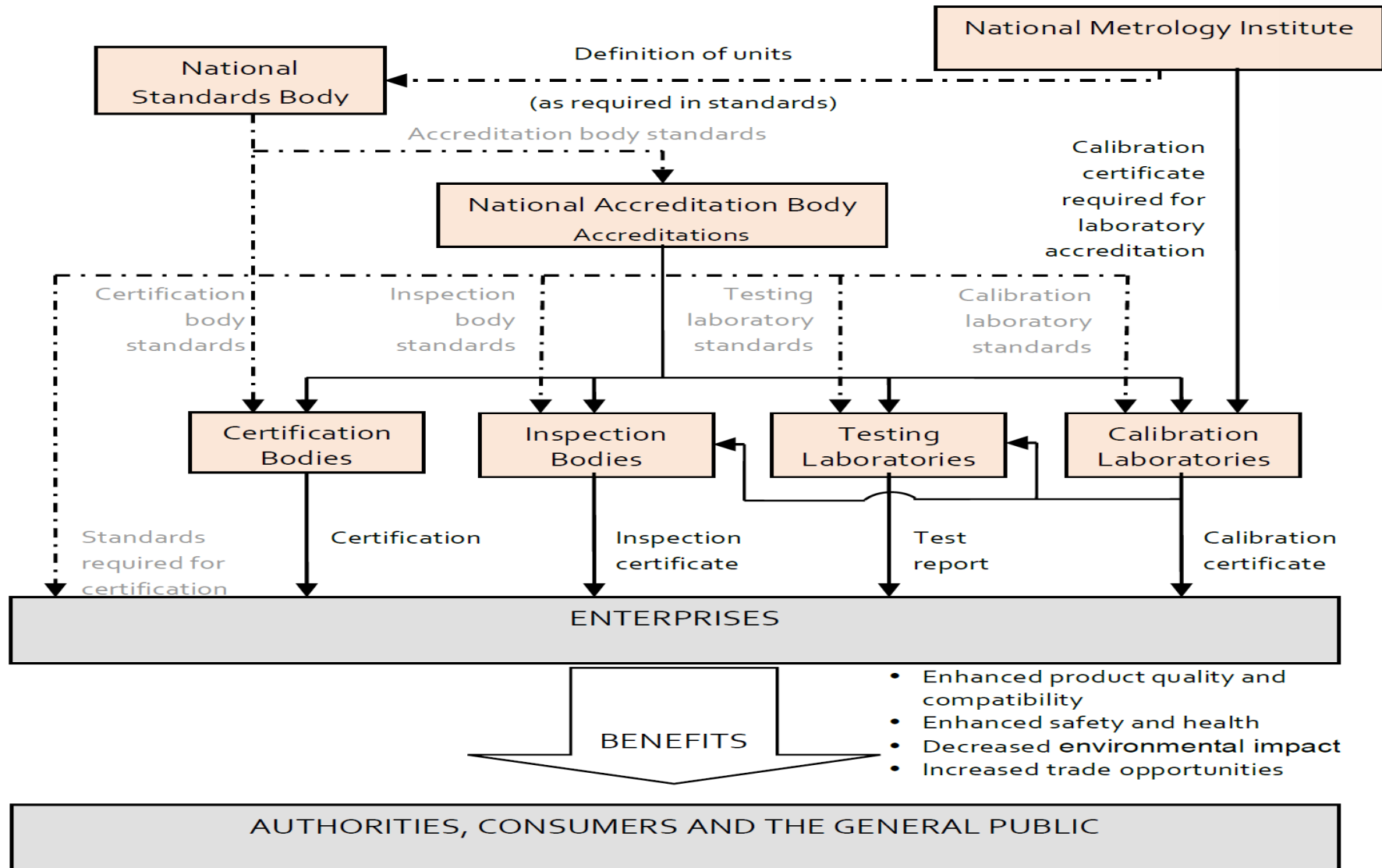
CONSENSUS ON STANDARDIZATION IS BEST ACHIEVED BY THE CONTRIBUTION OF ALL STAKEHOLDERS

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**.

OVERALL QUALITY INFRASTRUCTURE



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 (OHAQ)

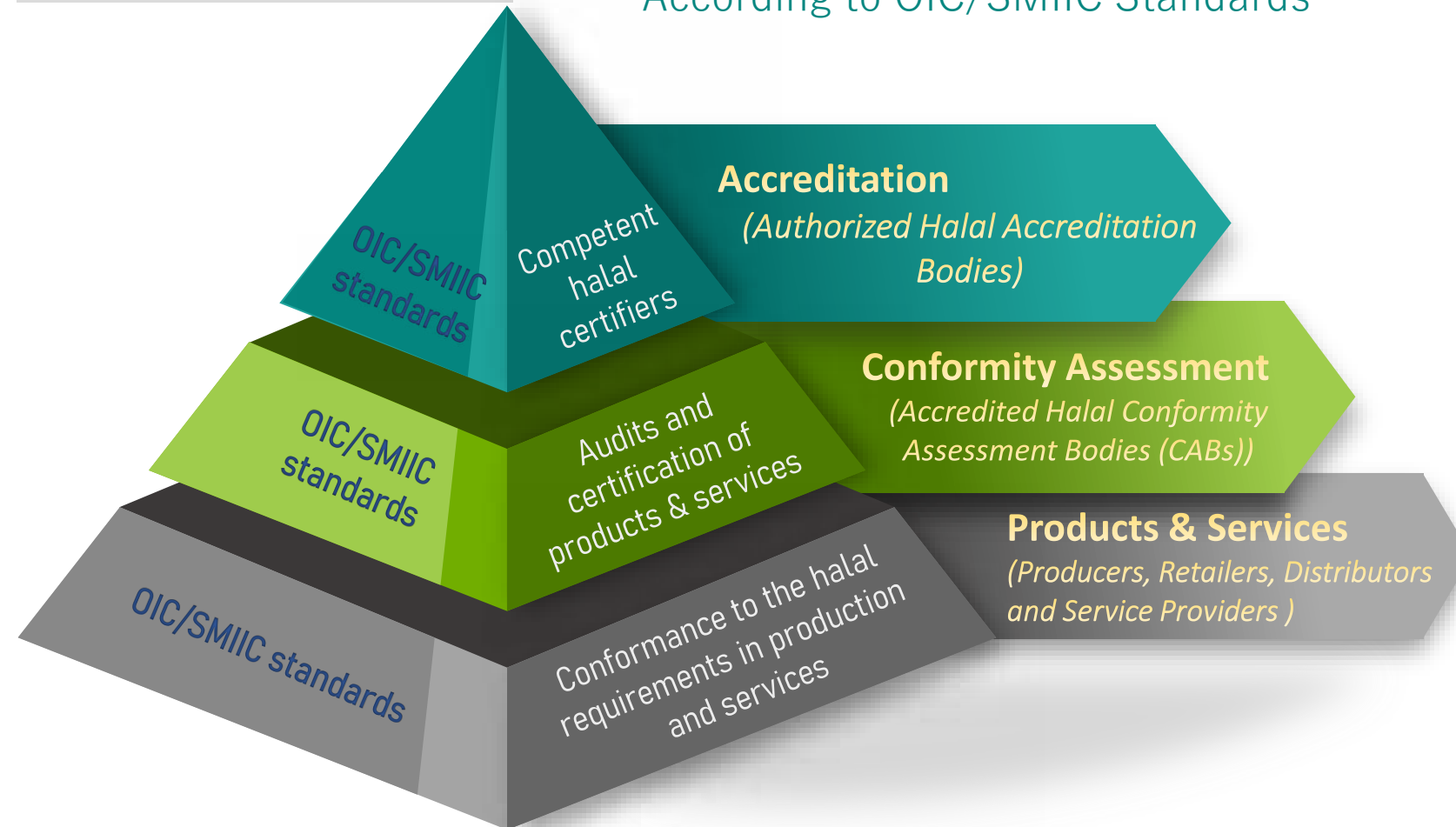


Designated Structure

Mutual Recognition

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

Halal Conformity Assessment Structure According to OIC/SMIIC Standards



SMIIC/CCA

Guidelines for Halal Accreditation Bodies Accrediting Halal CABs.

OIC/SMIIC 3:2019

SMIIC/CCA

Guidelines for Halal CABs performing halal certification activities.

OIC/SMIIC 2:2019

Other OIC/SMIIC standards

SMIIC TCs

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

OIC/SMIIC 1:2019

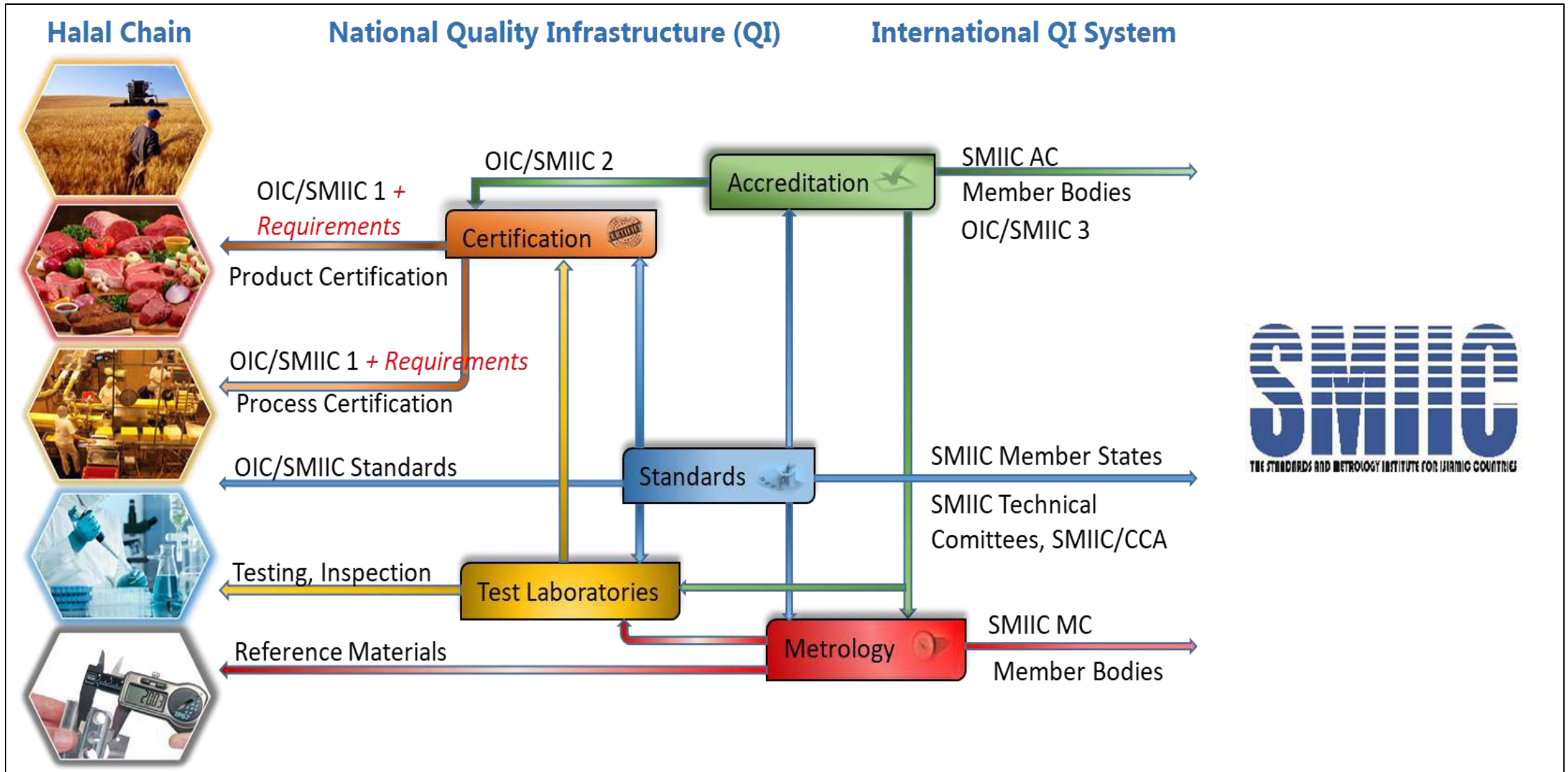
OIC/SMIIC 4:2018

OIC/SMIIC 9:2019

Other OIC/SMIIC standards



OIC GLOBAL HALAL QUALITY INFRASTRUCTURE (OHAQ)



Development of the Halal market

- Awareness on healthy food consumption
- Effect of social media, expos, networking events etc. regarding halal

- Growth of Islamic finance
- Convergence between sub-sectors (i.e. food and travel) strengthening the growth
- Impact of public-private initiatives on halal

Consumer awareness

Economics

Legal

Main Drivers

- Government initiatives to legislate halal
- Controlling halal integrity by laws and institutionalizing to comply with international practices.

- Technological developments leading to increase in processed foods, use of mechanical slaughtering, stunning, shared production lines etc.

Technology

Eco-ethical

- Tayyib concept which means hygienic and healthy complies with new eating habit trends.
- Halal&Tayyib: better products for ethically aware consumers.

- Muslim consumers soon expected to represent the largest share of global consumer spending by reaching 2 billion in 2030
- Halal as the fastest growing consumer segments in the world

Population growth

Evolverment of Halal Market

-Over the last decade, halal industry has gone global and we all watched and experienced how it occurred by witnessing its expansion.

-Halal certifying concept was primarily considered to be limited to meat, but it gradually has expanded to all food & animal feed types, additives, test methods, clothing, pharmaceuticals, cosmetics, tourism, finance, agriculture, logistics etc. overall, all possible aspects of Muslim life.





CONFUSIONS ABOUT HALAL CERTIFICATION

No significant progress has not been made in halal certification for decades due to lack of ;

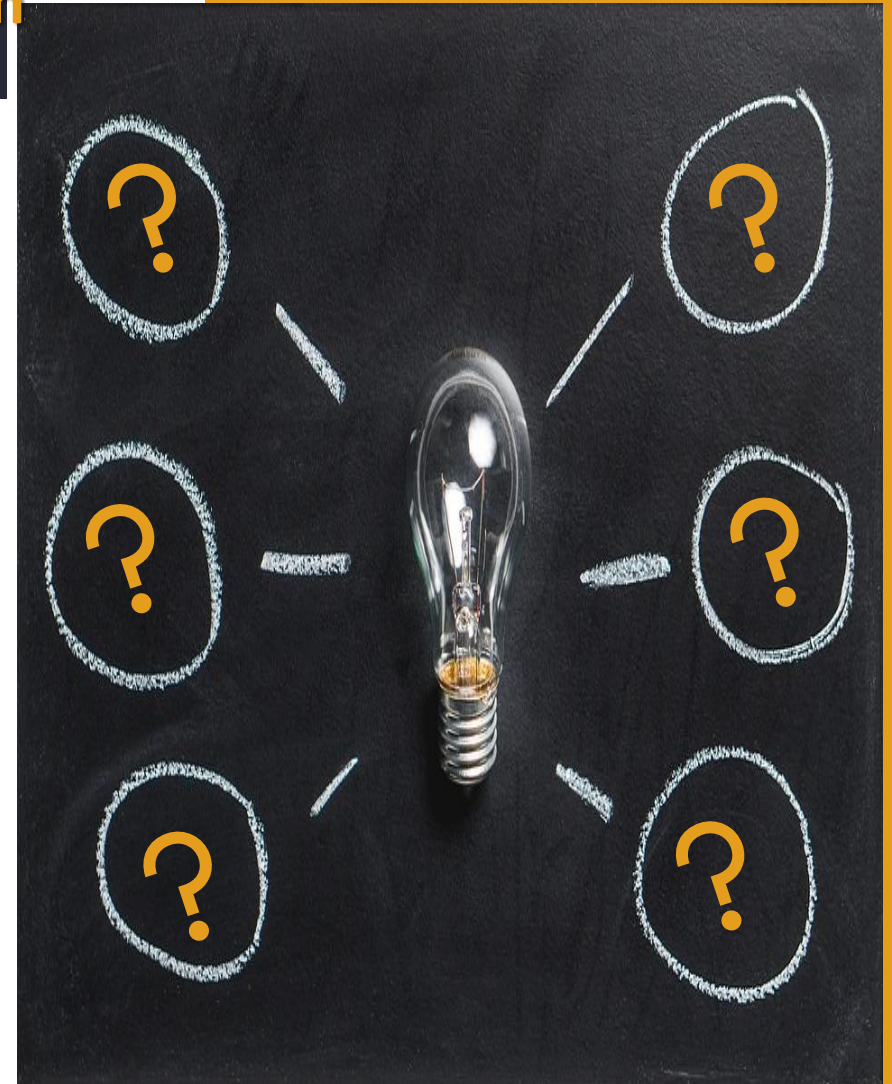
- will for using single consensus-based standards,
- professionalism in conducting certification activities,
- accredited certificates instead of national recognition system

National recognition refers to a basic compliance with the rules set by a country but not relying on an international standard or a system. So, it is mostly beneficial for the country who set the rules and not binding yet a relationship/cooperation between countries.

Difference between Recognition and Accreditation

National recognition is bringing halal certification bodies together and recognizing them to certify according to their own procedures while **accreditation** is authorizing national halal accreditation bodies of OIC Member States to accredit halal certification bodies.

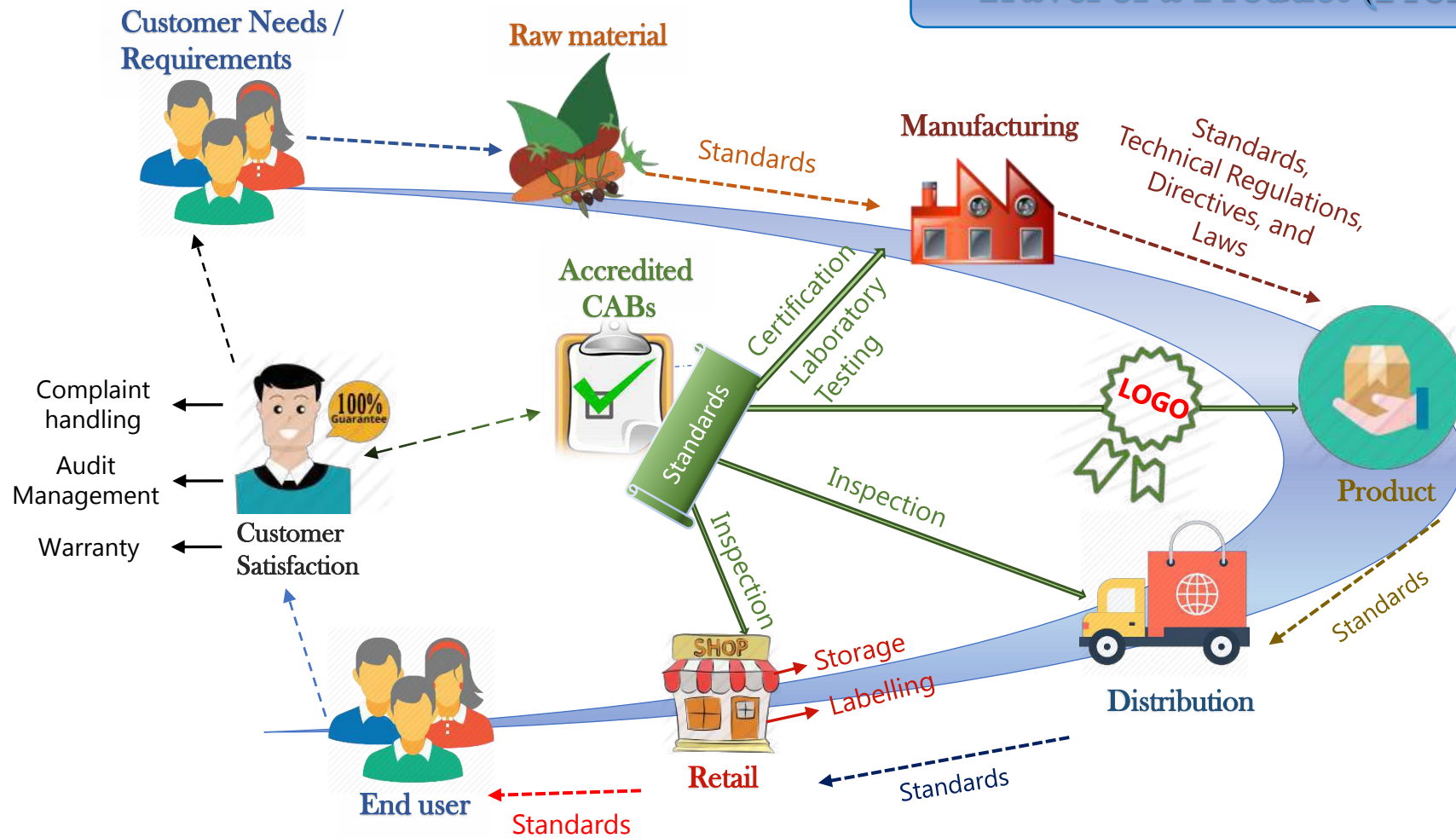
System applied within SMIIIC means following the best practices conducted for ages in other regional and international accreditation associations such as EA, APLAC, and IAF, ILAC.



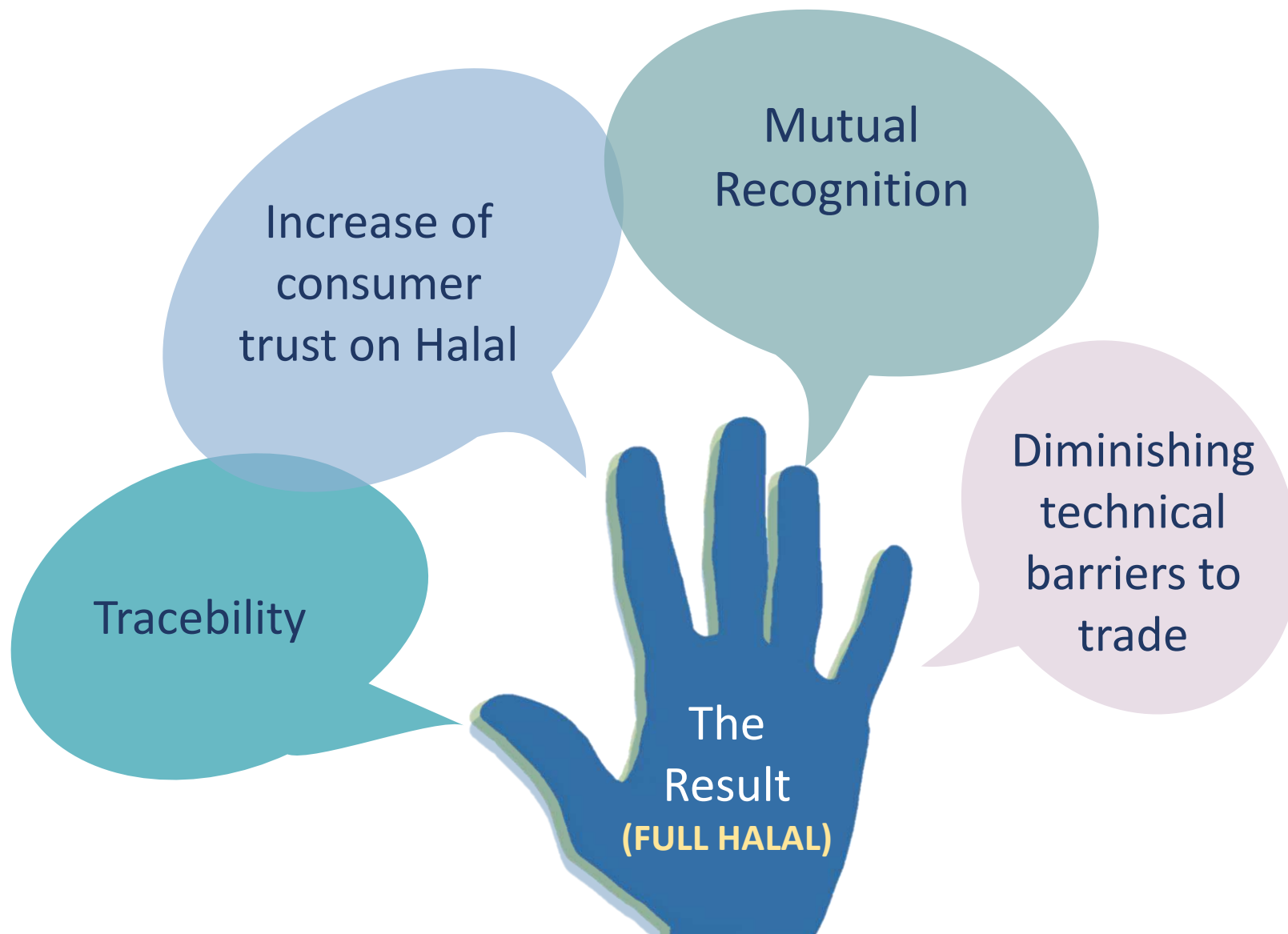


OIC GLOBAL HALAL QUALITY INFRASTRUCTURE (OHAQ)- HALAL CHAIN

Travel of a Product (From Farm to Fork)

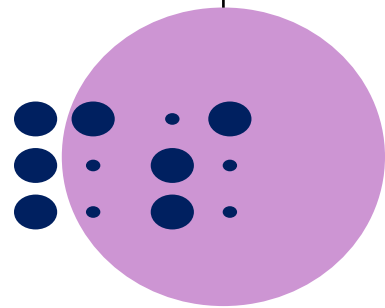




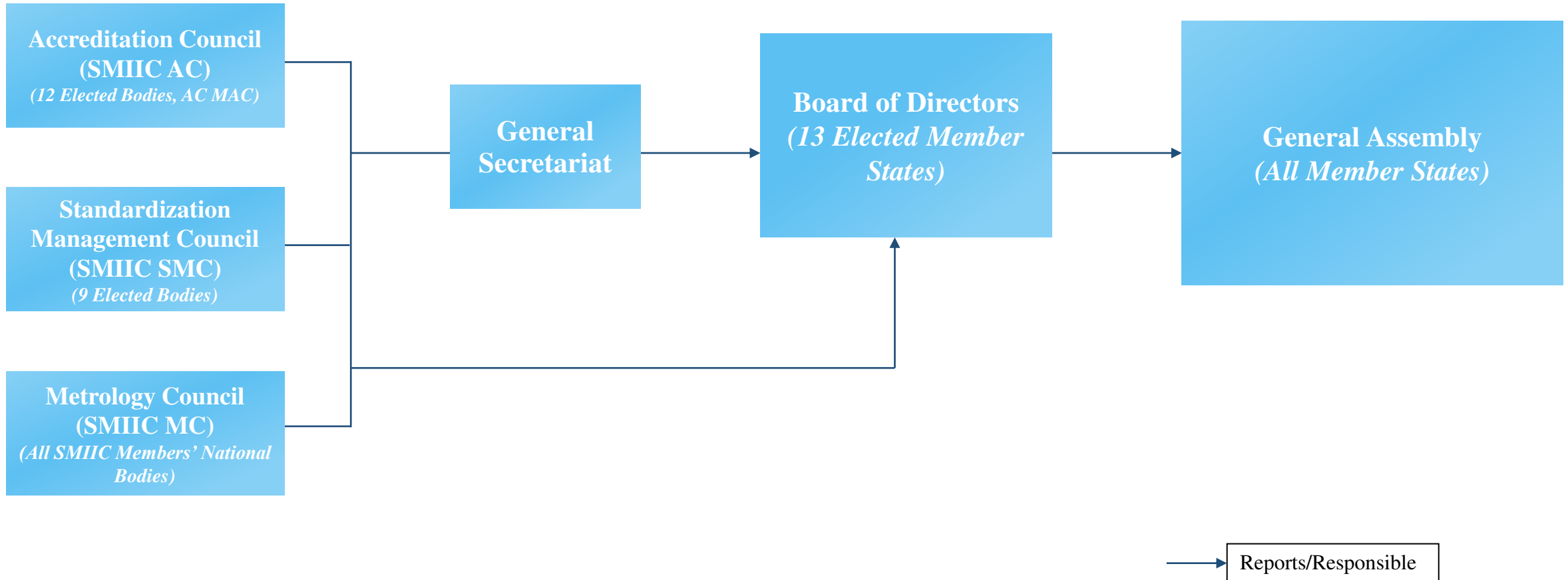




SMIIC'S STRUCTURE AND SMIIC ORGANS



ORGANIZATIONAL CHART OF



The logo for SMIIC (South American Investment and Trade Centre) is displayed in a bold, white, sans-serif font. To its right, the words "GENERAL ASSEMBLY" are written in a blue, sans-serif font and underlined. The background of the slide features a light blue gradient with faint silhouettes of people in an office setting and a city skyline. A large, stylized graphic element consisting of several overlapping, curved lines in shades of green and blue is positioned on the left side of the slide.

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.



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»

TECHNICAL COMMITTEES – I

Standards are not developed by the standardization organization itself.

Standardization is handled by various **Technical Committees** composed of member states.



TECHNICAL COMMITTEES – II

Technical decision making body with

- a precise **title**,
- a **scope**,
- and a **work programme**.

Acts in accordance with an agreed **business plan**;

AND has:

A permanent **secretary** and an appointed **chairman**

P and O Members and **liaison** organizations

Experts

Invited **observers**



THE DEVELOPMENT AND SYSTEMATIC MAINTENANCE OF THE OIC/SMIIC STANDARDS WITHIN A PARTICULAR SCOPE OF WORK

TECHNICAL COMMITTEES – III

Main Documents for the Standardization Activities

SMIIC Directives:

Part 1: Procedures for the Technical Work

Part 2: Rules for the Structure and Drafting of OIC/SMIIC Documents

SMIIC Guides:

Guide 1: Guide on Adoption of OIC/SMIIC Standards

Guide 2: Guiding Rules for the Distribution and Sales of OIC/SMIIC Standards

Committee on Standards for Conformity Assessment (CCA), Policy Committee

-To study means of assessing the conformity of products, processes, services and management systems to appropriate standards.

-To prepare OIC/SMIIC standards for certification and accreditation bodies

-To promote mutual recognition and acceptance of national and regional conformity assessment systems, and the appropriate use of OIC/SMIIC Standards.

STANDARDS

SMIIC



SMIIC Technical Committees

TC 1: Halal Food Issues

TC 2: Halal Cosmetic Issues

TC 3: Service Site Issues

TC 4: Energy Efficiency and Renewable Energy

TC 5: Tourism and Related Services

TC 6: Agricultural Products

TC 7: Transportation

TC 8: Leather and Tanning Material

TC 9: Textile and Related Products

TC 10: Halal Supply Chain

TC 11: Halal Management Systems

TC 12: Dangerous Good Transportation

TC 13: Jewellery

TC 14: Petroleum and Petroleum Products

TC 15: Terminology

TC 16: Halal Pharmaceuticals Issues

TC 17: Handicraft

Committee on Standards for Conformity Assessment (CCA)



**34 new projects have been initiated
in technical committees**



PROJECT APPROACH

-OIC/SMIIC Standards are developed on the basis of a project approach by TCs.

-A project is any work intended to lead to the issue of a new, amended or revised OIC/SMIIC Standard.

DEVELOPMENT PROCESS FOR AN OIC/SMIIC STANDARD

1	6 stages	Action	Balloting time	Default path	Shortest path
1	Proposal NP	Proposal to start a new project	<ul style="list-style-type: none"> 3-month ballot by default 	NP	NP Straight to DS
2	Preparatory WD *	Expert consensus within working group		WD	
3	Committee CD	Committee consensus	<ul style="list-style-type: none"> 2-month ballot by default 3 or 4 month vote possible Can be skipped 	CD	
4	Enquiry DS	National consensus	<ul style="list-style-type: none"> 3-month ballot 	24 months to reach DS	12 months to reach DS
5	Approval FDS *	YES or NO vote	<ul style="list-style-type: none"> Skipped by default 2-month ballot 	FDS	
6	Publication	OIC/SMIIC Standard		Up to 36 months OIC/SMIIC	Down to 9 months OIC/SMIIC



* OPTIONAL

TC Sec. Admin. (CIB)

GS Admin.

The background image shows a person's hand in a dark suit and blue tie, interacting with a digital interface. The interface is overlaid on a blurred background of server racks. The interface includes various icons: a cloud, a checkmark, a globe, a smartphone, a server rack, a person icon, and a laptop. The overall color scheme is dark blue and teal.

SMIIC Information System

Online Standardization Process
Simplified.

Enhance and Organize the SMIIC
Technical Work, Easy Access to
Technical Committee, Documents and
Improve Communication.

SMIIC IS

<http://is.smiic.org>

ISLAMIC RULES IN OIC/SMIIC STANDARDS - I

- Religious Basis for Standards: Islamic Rules (Sharia rules), IIFA's Fatwas are essential.
- Standards are not fiqh documents, but include Islamic Rules.
- Standards in halal fields are for products subject to consumption and trade among Muslims and others.
- Halal production, certification and accreditation are added value and trust to the products.



ISLAMIC RULES IN OIC/SMIIC STANDARDS - II

Quoted from **International Islamic Fiqh Academy (IIFA)**; Important stakeholders in halal industry and its services:

- 1- A supreme authority at the state level for the Religious inspection.
- 2- Islamic Fiqh Councils: Issuing Fatwas and decisions for implementation.
- 3- The **Accreditation bodies**: These shall be owned and directed by Muslims.
- 4- The **Certification bodies**: These shall be owned and directed by Muslims.
- 5- Internal departments for Religious section in the establishment: These shall be directed by Muslims.
- 6- Officers of the Halal Religious section: Those shall be Muslims.
- 7- Profession employee, whose mission is to do basic halal work, such as the slaughterer must be Muslims committed to all the provisions of Islamic law.

Remember Always: Halal is a sovereign issue of the Islamic Ummah.

OIC/SMIIC STANDARDS ON HALAL ISSUES - I

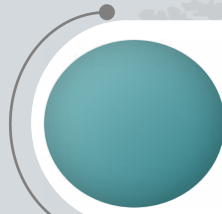
OIC/SMIIC 2:2019, CA– Requirements for Bodies Providing Halal Certification , *(with the references of ISO/IEC17020, ISO/IEC 17021-1, ISO/IEC 9001, ISO/IEC 17065, ISO/IEC 17025 & ISO/TS 22003 + Islamic Fiqh Rules),*

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

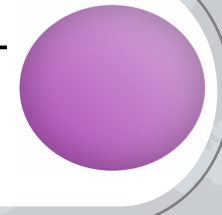
OIC/SMIIC 1:2019, General Requirements for Halal Food, *(with the references of CODEX, ISO 22000, ISOTS 22002, ISO 22005 + Islamic Fiqh Rules),*

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 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 9:2019, Halal Tourism Services – General Requirements,




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




OIC/SMIIC 17-2:2020, Halal Supply Chain Management System – Part 2 – Warehousing – 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 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 STANDARDS ON HALAL ISSUES - IV

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

CONCLUSION

- OIC/SMIIC standards are the result of a common study and achievement of OIC Members and its partners **through the technical committees.**
- SMIIC is the common platform to set for **all stakeholders.**
- OIC/SMIIC Halal Standards are common standards for the **Muslim World and all interested parties.**

Thank you for your kind attention

SMIIC General Secretariat

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