SMIIC

"OIC/SMIIC Standards on Halal Issues and Halal Quality Infrastructure"

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2023

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)

SMIIC

- 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

To **prepare** OIC/SMIIC standards

To **achieve uniformity** in standardization, metrology and laboratory testing, and in Member States.

To **provide technical assistance** to the Member States which do not possess such bodies.

To **establish a conformity assessment scheme** for the purpose of expediting exchange of materials, manufactured goods and products among Member States, beginning with mutual recognition.

SMIIC MEMBERS

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

SMIIC has 47 Member States to date. (44 Full and 3 Observer Members)
https://www.smiic.org/en/members

SMIIC

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.

SMIIC 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

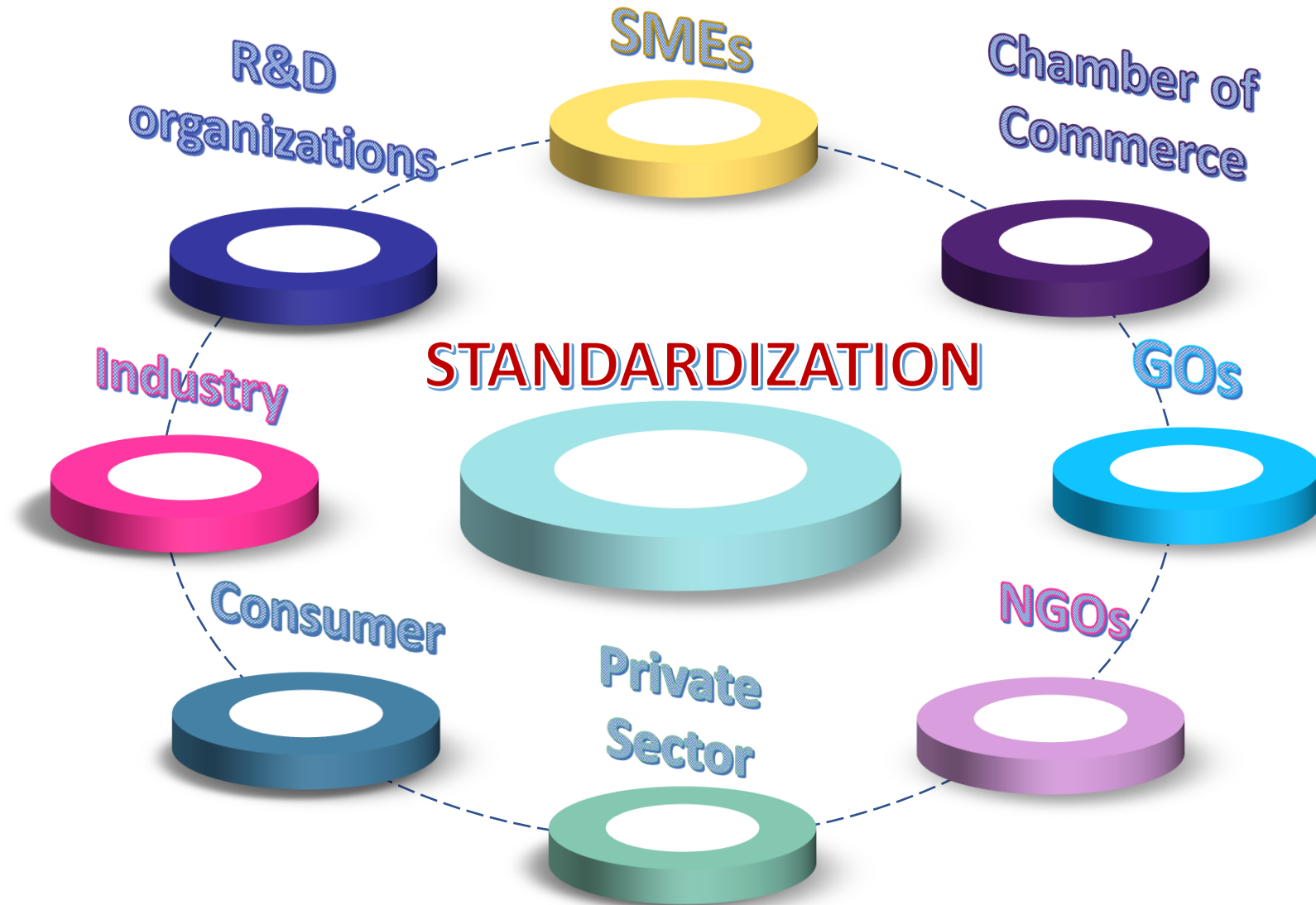- Increase revenue to make SMIIC financially sufficient
- Utilize SMIIC members resources for supporting SMIIC activities to decrease expenses

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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

SMIIC

SMEs

R&D organizations

Chamber of Commerce

Industry

STANDARDIZATION

GOs

Consumer

Private Sector

NGOs

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

National Metrology Institute

National Standards Body

Definition of units

(as required in standards)

Accreditation body standards

National Accreditation Body
Accreditations

Calibration certificate required for laboratory accreditation

Certification body standards

Inspection body standards

Testing laboratory standards

Calibration laboratory standards

Certification Bodies

Inspection Bodies

Testing Laboratories

Calibration Laboratories

Standards required for certification

Certification

Inspection certificate

Test report

Calibration certificate

ENTERPRISES

BENEFITS

- Enhanced product quality and compatibility
- Enhanced safety and health
- Decreased environmental impact
- Increased trade opportunities

AUTHORITIES, CONSUMERS AND THE GENERAL PUBLIC

Source: World Bank 2007.

HALAL CONFORMITY ASSESSMENT

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.
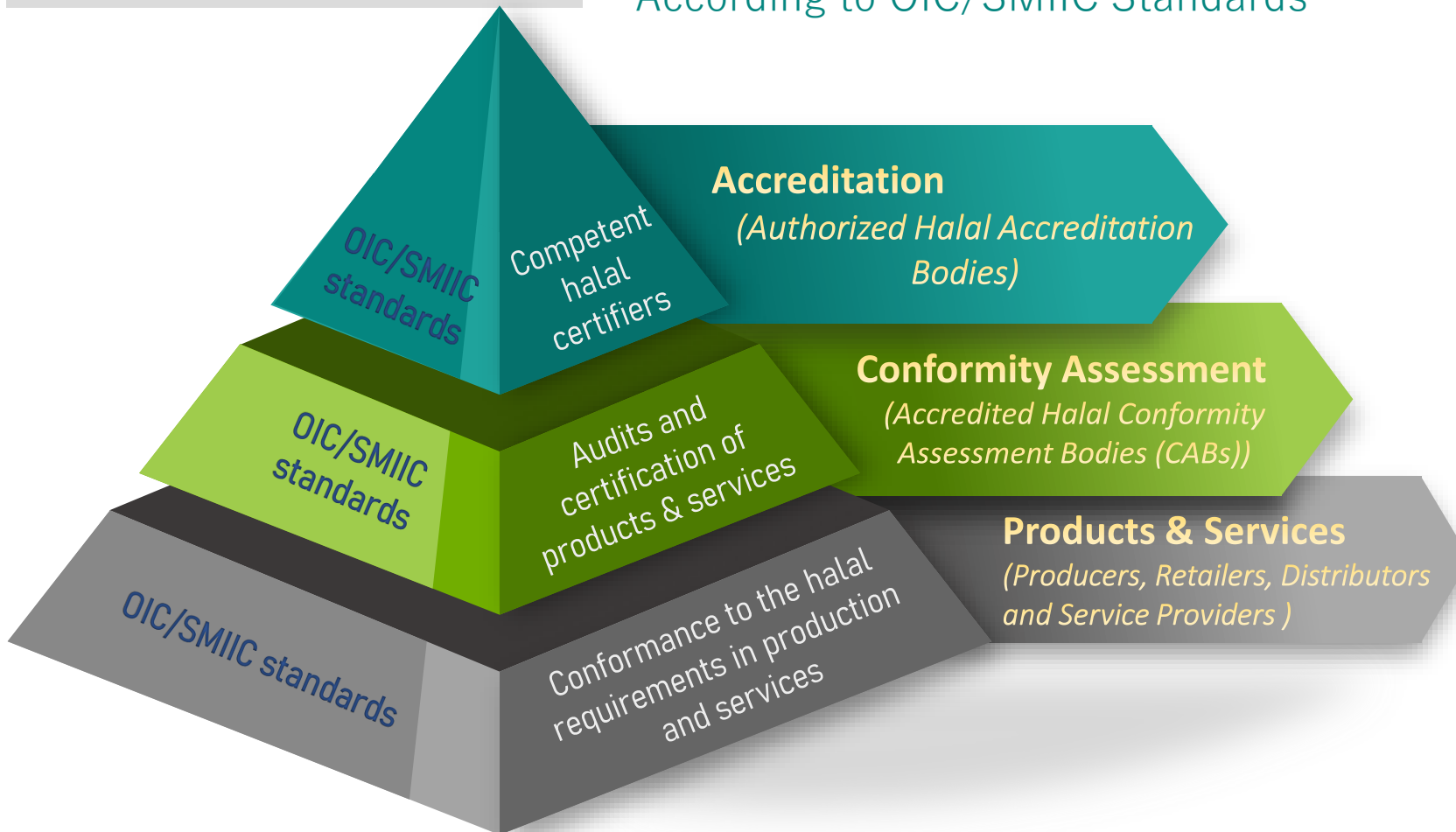

Standards	Certification	Accreditation
Applicable standards for all (OIC/SMIIC standards)	Certification body that conforms to OIC/SMIIC 2 *"Third party conformity assessment of compliance according to OIC/SMIIC 1 and etc."*	Accreditation body that conforms to OIC/SMIIC 3 *"Competent certifiers; impartial and credible assessment according to OIC/SMIIC 2"*

OIC GLOBAL HALAL QUALITY INFRASTRUCTURE (OHAQ)

Designated Structure (IFHAB)
Mutual Recognition
MLA/MRA & Peer evaluation in accordance with OIC/SMIIC standards

Halal Conformity Assessment Structure According to OIC/SMIIC Standards

Accreditation
(Authorized Halal Accreditation Bodies)

Competent halal certifiers

OIC/SMIIC standards

Conformity Assessment
(Accredited Halal Conformity Assessment Bodies (CABs))

Audits and certification of products & services

OIC/SMIIC standards

Products & Services
(Producers, Retailers, Distributors and Service Providers)

Conformance to the halal requirements in production and services

OIC/SMIIC standards

SMIIC

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 |

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DEVELOPMENT OF THE HALAL MARKET

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

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

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

MAIN DRIVERS

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

Population growth
- 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

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

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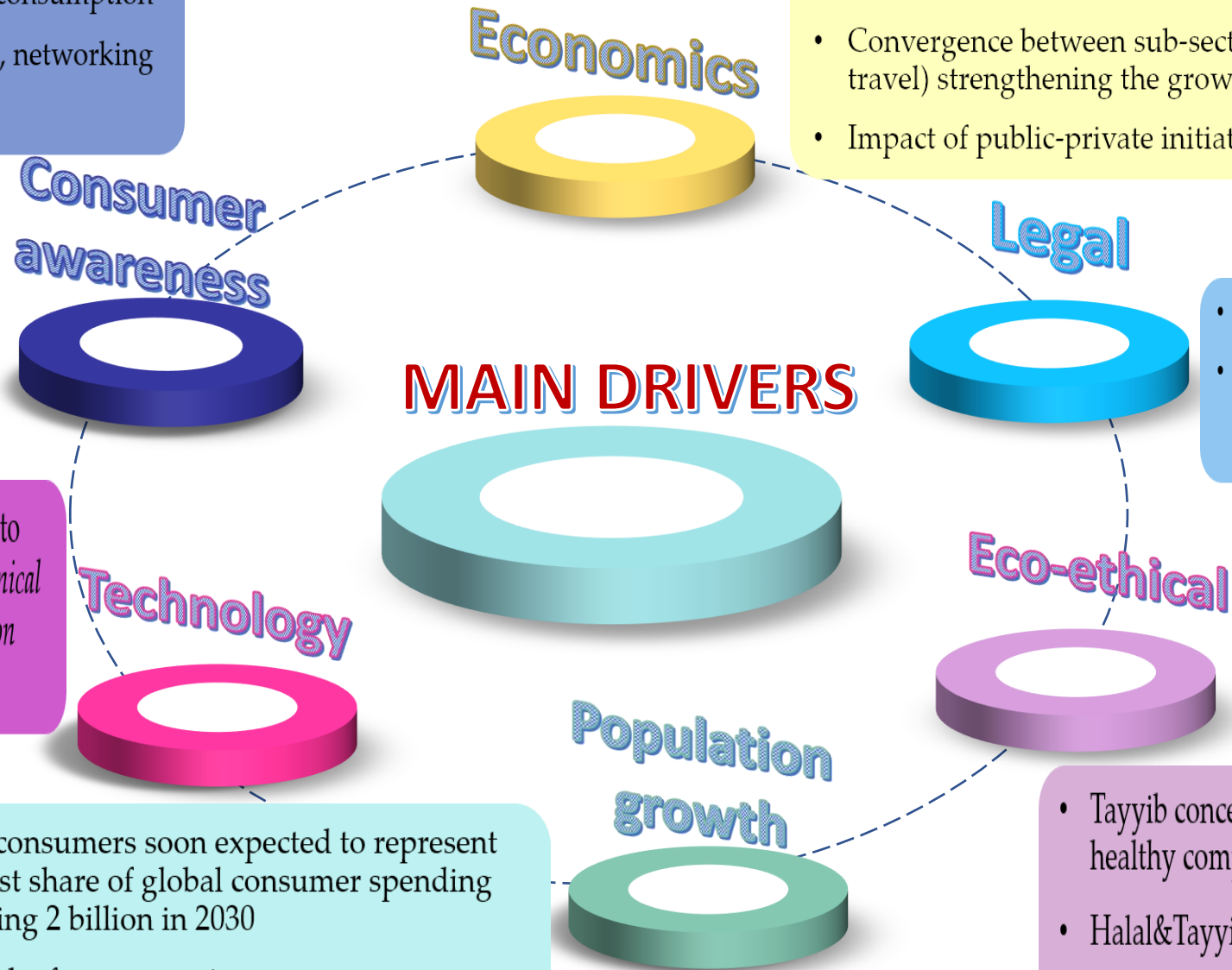
EVOLVEMENT OF HALAL MARKET

–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.
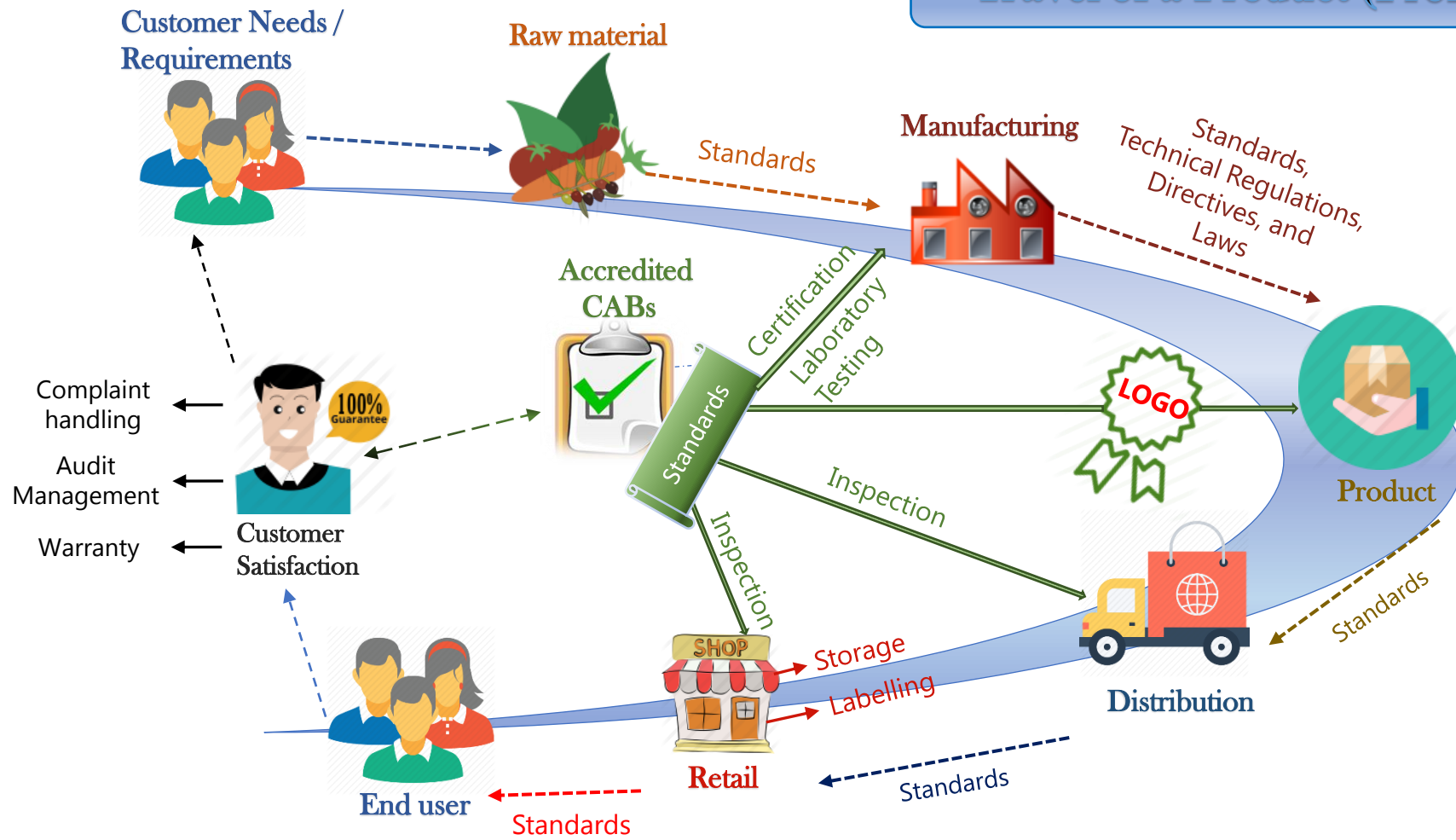
–System applied within SMIIC means following the best practices conducted for ages in other regional and international accreditation associations such as EA, APLAC, and IAF, ILAC.
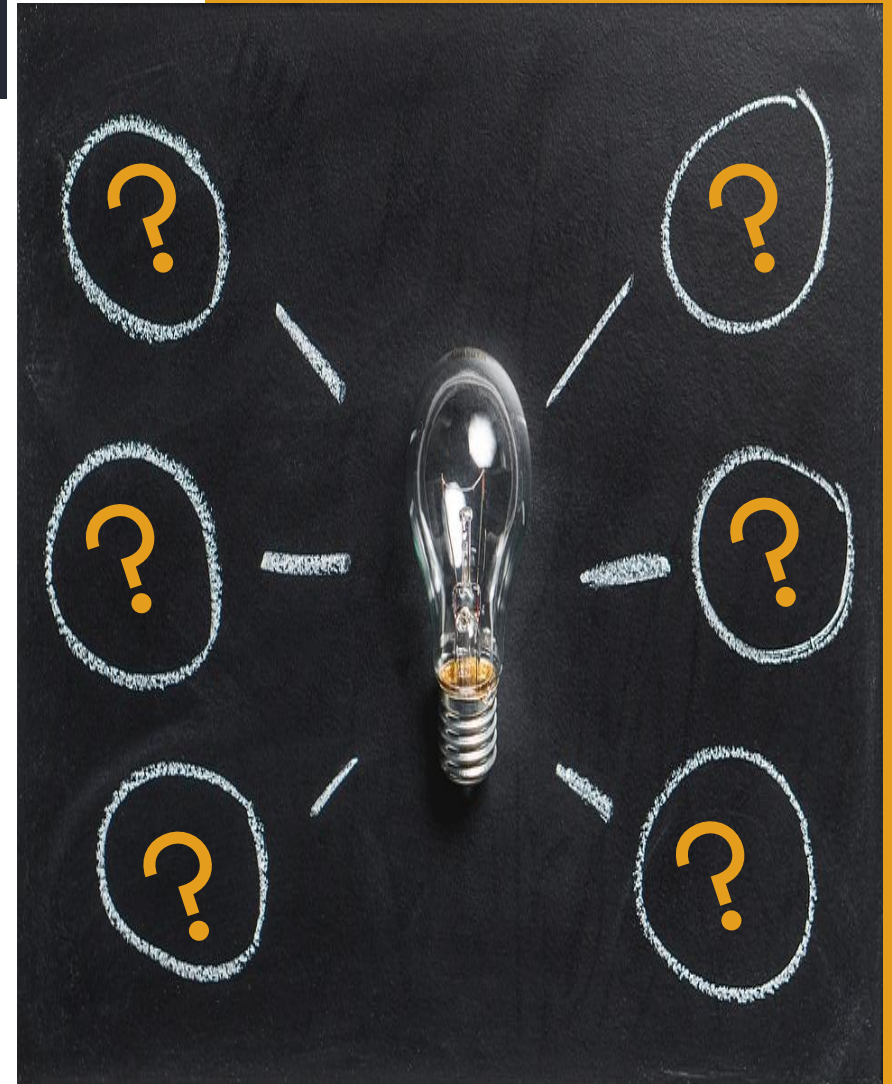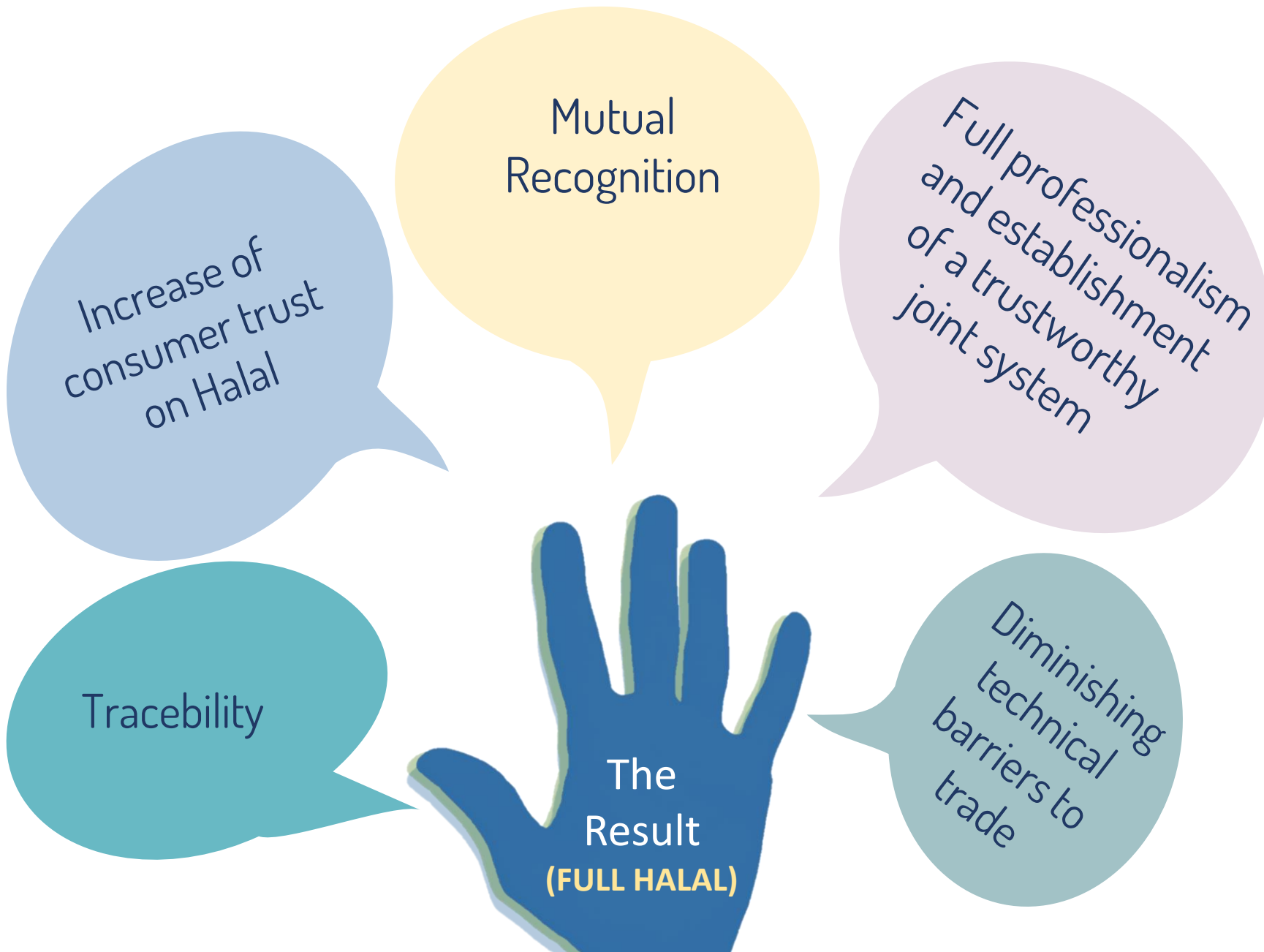
Travel of a Product (From Farm to Fork)

Customer Needs / Requirements

Raw material

Manufacturing

Standards

Standards, Technical Regulations, Directives, and Laws

Accredited CABs

Certification

Laboratory Testing

LOGO

Product

Complaint handling

Audit Management

Warranty

100% Guarantee

Customer Satisfaction

Standards

Inspection

Inspection

Storage

Labelling

SHOP

Distribution

Standards

Retail

Standards

End user

Standards

Increase of consumer trust on Halal

Mutual Recognition

Full professionalism and establishment of a trustworthy joint system

Tracebility

The Result **(FULL HALAL)**

Diminishing technical barriers to trade

SMIIC'S STRUCTURE AND SMIIC ORGANS

ORGANIZATIONAL CHART OF SMIIC

Accreditation Council (SMIIC AC)
(12 Elected Bodies, AC MAC)

Standardization Management Council (SMIIC SMC)
(9 Elected Bodies)

Metrology Council (SMIIC MC)
(All SMIIC Members' National Bodies)

General Secretariat

Board of Directors
(13 Elected Member States)

General Assembly
(All Member States)

Reports/Responsible
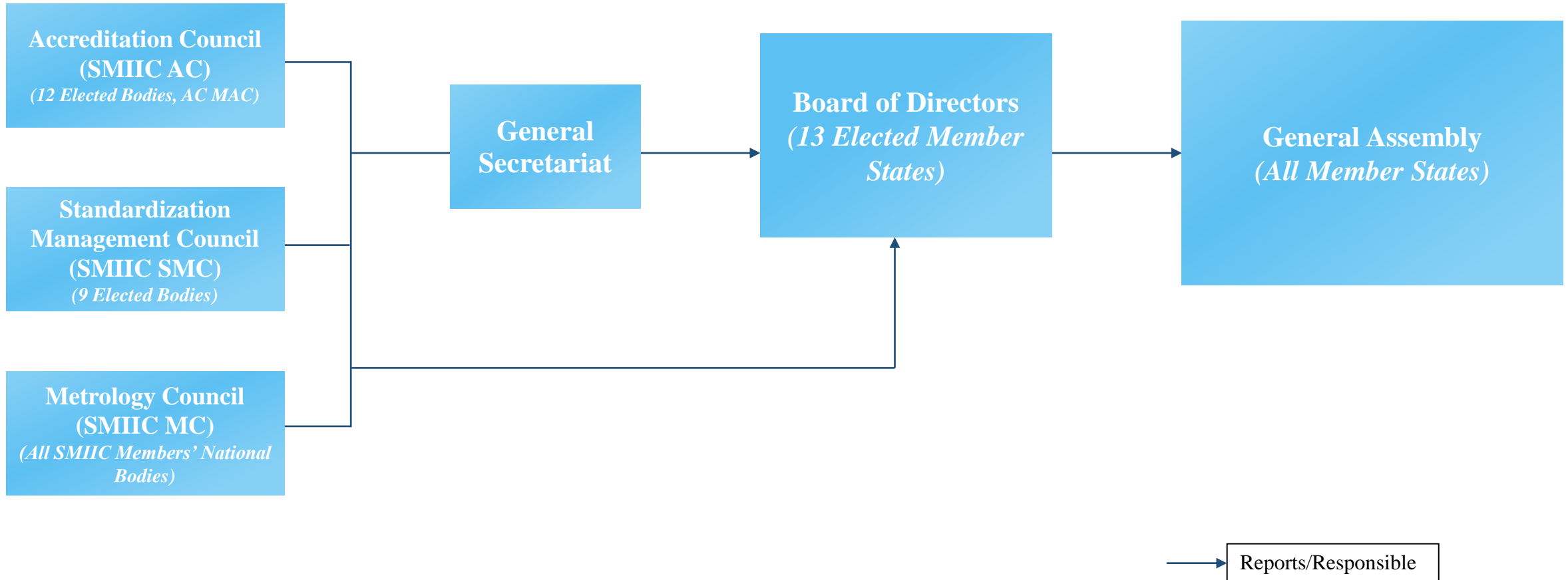
ACCREDITATION COUNCIL (AC)

SMIIC

-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.

SMIIC

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.

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 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)**

36 ongoing projects being studied in these TCs.

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.

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DEVELOPMENT PROCESS FOR AN OIC/SMIIC STANDARD

	6 stages	Action	Balloting time	Default path	Shortest path
1	**Proposal NP**	Proposal to start a new project	• 3-month ballot by default	NP	NP Straight to DS
2	**Preparatory WD ***	Expert consensus within working group		WD	
3	**Committee CD**	Committee consensus	• 2-month ballot by default • 3 or 4 month vote possible • Can be skipped	CD	
4	**Enquiry DS**	National consensus	• 3-month ballot	24 months to reach **DS**	12 months to reach **DS**
5	**Approval FDS ***	YES or NO vote	• 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.

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SMIIC Information System

Online Standardization Process Simplified.

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

SMIIC IS

http://is.smiic.org

PUBLISHED OIC/SMIIC STANDARDS

Halal Issues: **20**

Agriculture: 3

Textile and Related Issues: 3

Energy Management: 1

Management Systems: 1

Leather & Related Issues: 7

Jewelery: 1

Dangerous Goods Transportation: 1

Petroleum&Related Products: 15

Occupational Safety&Health: 1

DEVELOPED/PREPARED BY

SMIIC COMMITTEES: <u>30</u>

+

ADOPTED: <u>26</u>

=

TOTAL: <u>56</u>

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

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 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 4:2018, Halal Cosmetics – General Requirements, *(with the references of ISO 22716 + 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 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 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 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 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 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)*

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

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

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*

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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