

2021 ANNUAL REPORT

SMIIC



SMIIC is affiliated to
Organization of Islamic
Cooperation (OIC)

The Standards and
Metrology Institute for
Islamic Countries

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Message of the Chairman of the Board of Directors



I am pleased to present the Standards and Metrology Institute for Islamic Countries (SMIIC) annual report for the year 2021, which includes the 2021-2030 strategic plan. The report consists of a comprehensive presentation of the work performance, the decisions made, the results achieved, and the accomplishments during the year 2021. These were acquired by the grace of Allah and then by the efforts of all Member States, SMIIC staff and the specialized technical working committees.

Furthermore, we are continuing our new strategic work to enhance the integration among all member states to achieve constructive cooperation in the fields of standards, and metrology, and other standardization activities.

We are fully aware of the significance of Islamic cooperation and joint action in standardization activities to facilitate trade, overcome challenges and to enhance integration between Islamic standardization bodies. This integration will enable us to carry out our national responsibilities as national standardization bodies in developing the economy, supporting our industry and enhancing competitiveness, as well as maximizing the benefit of intra-trade among member countries.

There is no doubt that standards are one of the most critical enablers for economic growth and an effective mean to industrial development. It drives national economies in our Islamic countries to further development and growth, in addition to being a significant part of the national quality infrastructure system, which is the primary enabler to achieve the renaissance and economic visions of Islamic countries.

Our ambition at SMIIC is to serve our Islamic countries and societies all over the world within a unified roadmap by which we reach the best international practices in the field of quality and institutional excellence.

The results and indicators presented in the report are only a true reflection of the sincere desire to enhance the means of cooperation and joint Islamic action. We look forward to representing a new start of constructive, collaborative and practical work between Islamic standardization bodies for the betterment of our societies.

To conclude, on behalf of SMIIC members and my colleagues at SMIIC, I extend my sincere thanks and appreciation to OIC and all member states for their pivotal role and outstanding efforts during the course of the reporting period to activate joint Islamic action in various areas related to standardization activities.

May Allah grants us success,



Message of the Secretary General



As the world continues to respond to the challenges, it is very great to see how standardization remains a driving force behind national and global agendas to promote health, economic welfare and security. By acknowledging the importance of our mission, SMIIC has made progress in our work towards achieving the SMIIC Strategic Plan 2030 vision and its respective blueprints are included in this report.

2021 was the first implementation year of our 10-year strategic plan and the progress through the year was really remarkable. We continued to increase the number of our members to 46 with the joining of Federal Republic of Nigeria. Growing year by year, SMIIC is becoming more powerful and visible and the members' support and devotion surely are the main drivers in securing SMIIC's position as the only authorized body of the OIC in its fields of activities.

Last year, technical committees did not slacken the pace and had 2 virtual meeting weeks where they have worked on more than 40 projects. Considering that online communication tools have become a vital part of our lives during the last two years, we have launched the new SMIIC Information System (IS) which has the latest technology as well as user and mobile friendly interface allowing the technical committee works to be conducted more smoothly.

2021 was also the year of elections for SMIIC governance organs and officials. Elections were successfully conducted and I would like to wish success to the elected members and officials who will be working devotedly for the success of the Institute in the upcoming term.

There was an intensive training program in 2021 focusing on the procedures for adoption, implementation and use of the OIC/SMIIC standards on halal issues, providing foundation training in SMIIC IS, Technical Committee work and auditing. Furthermore, the planned training activities of the SMIIC Metrology Council have been started to be conducted online by the host national metrology institutes and 18 trainings on various metrology topics were given virtually.

As has been proven again, collaboratively-developed solutions are the most effective key to opening doors and creating opportunity for all. Throughout this report you will find highlights of collaborative initiatives that SMIIC has led over the past year.

I once again wish to thank our members and partners for their continued support. We remain committed to creating long-term value for all.

Please be safe and stay well.

INTRODUCTION

SMIIC is a member focused intergovernmental organization, who strives to achieve the goals and objectives set out in its internal documents and strategic plan.

Last year, with the valuable contribution of all our members, we have completed the first implementation year of our 10-year strategic plan and focused on achieving the goals set out. With a new mission and vision, strategic plan, we have gone into the next level of growth of SMIIC. Although, COVID Pandemic effects were full blown during 2021, SMIIC increased the number of activities and projects to complete a successful year. With the addition of our new member Nigeria joining SMIIC, we have reached 46 members and looking forward to further expansion of the SMIIC family in the following years.

OUR MEMBERS

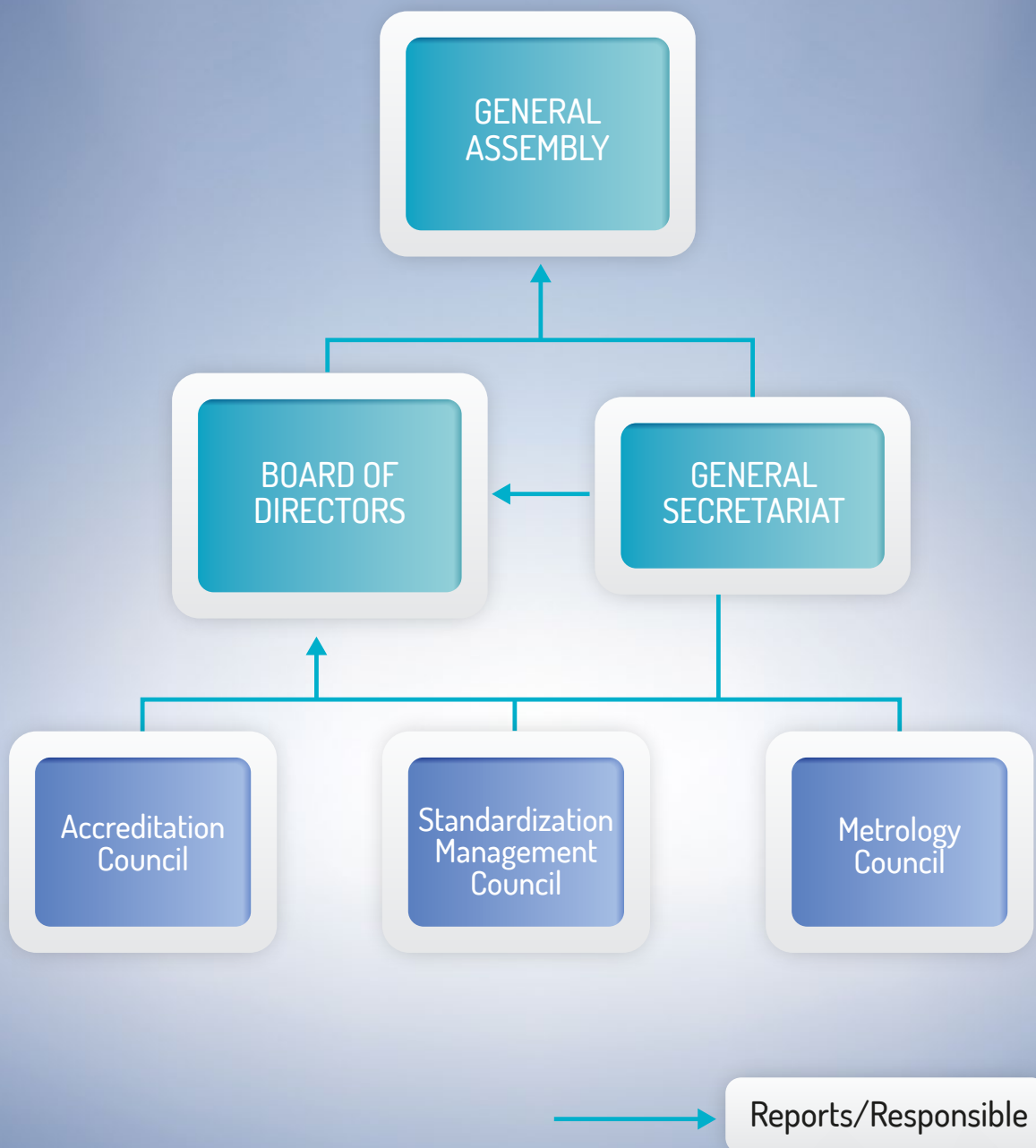
SMIIC Family is growing

As a member driven intergovernmental organization, the support and contributions of our members are vital. The year 2021 has brought a new member to our Institute; Federal Republic of Nigeria. During the 22nd SMIIC Board of Directors (BOD) meeting, their SMIIC membership application was approved and now with its 46 members including 3 observers from 4 different continents, SMIIC will constantly strive to play a vital role in its field of activities.



OUR GOVERNANCE ORGANS

The internal structure of the Institute comprises the following organs:



General Assembly

The General Assembly is the supreme decision-making organ of the SMIIC and composed of the Member States.

The SMIIC General Assembly is a yearly gathering of SMIIC where all our members come together for an annual meeting to discuss and decide on resolutions, reports and projects.

The Sixteenth Meeting of the SMIIC General Assembly (GA) was held on 02 November 2021, in Al-Madinah Al-Munawarah, Kingdom of Saudi Arabia, and hosted by Saudi Standards, Metrology and Quality Organization (SASO). The meeting was attended by representatives from 29 SMIIC Members States and 2 Observer States as well as the representatives from the Federal Republic of Nigeria, as the new SMIIC Member State, representatives of Organization of Islamic Cooperation (OIC), GCC Standardization Organization (GSO) and International Islamic Fiqh Academy (IIFA) as observers.

Some of the highlights of the meeting were that the technical activities of the Institute were reported by the Chairs of the SMIIC Councils and SMIIC/CCA. The General Assembly approved the report of the external financial auditor and the SMIIC Budget 2022 as well as the Annual Mandatory Contribution of SMIIC Member States to 2022 SMIIC Budget. External Auditor for the term 2021- 2023 was also appointed at the General Assembly.

During the meeting, an election for the new Board of Directors for the term 2022-2024 took place. The following 13 members of the Board of Directors (BOD) have been directly appointed by the General Assembly for the term 2022-2024:

- | | |
|--------------------------------|-------------------------------------------|
| 1. Republic of CAMEROON | 8. Islamic Republic of PAKISTAN |
| 2. Arab Republic of EGYPT | 9. State of PALESTINE |
| 3. Islamic Republic of IRAN | 10. Kingdom of SAUDI ARABIA |
| 4. Republic of IRAQ | 11. Republic of TUNISIA |
| 5. Hashemite Kingdom of JORDAN | 12. Republic of TURKEY (Permanent Member) |
| 6. MALAYSIA | 13. UNITED ARAB EMIRATES |
| 7. Kingdom of MOROCCO | |



H.E. Mr. İhsan ÖVÜT has been re-elected as the Secretary General of SMIIC for the term 2022-2024.

Under the difficult conditions of COVID pandemic, with much effort and precautions taken, the General assembly was a great opportunity for our members to come together for a physical meeting after two years.

It was a very stimulating and fruitful meeting with many important outcomes and decisions taken, and the beginning of a new era with its newly elected officials and constructed organs.



Board of Directors

The Board of Directors of the SMIIC is the organ entrusted with the 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, on the basis of an equitable geographic distribution, for a term of three years.

As a tradition, the Twenty Second Meeting of the SMIIC Board of Directors (BOD) was held one day prior to the General Assembly on 01 November 2021 in Al-Madinah Al-Munawarah, Kingdom of Saudi Arabia, and hosted by Saudi Standards, Metrology and Quality Organization (SASO). The meeting was chaired by H.E. Dr. Saad bin Othman AL-KASABI, Chairman of the SMIIC Board of Directors (BOD). The meeting was attended by representatives from 11 Member States of the Board of Directors.

As one of the most important outcomes, Board of Directors approved the membership application of Federal Republic of Nigeria which will be represented by the Standards Organisation of Nigeria (SON) as the national body, bringing the number of SMIIC Members to 43 along with 3 Observers.

During the meeting, Chairs of the SMIIC Councils/Committee presented their reports on the latest developments and activities and the elections of members for Standardization Management Council (SMC) and Management of Accreditation Council (MAC) were conducted successfully for the term 2022 – 2024.

Furthermore, Progress Reports of Permanent Committees of SMIIC Board of Directors were submitted to the Board of Directors and the Board reviewed and discussed the Draft Budget for 2022 as well as the appointment of the new external auditor for 2021-2023.

OUR HIGHLIGHTS

Standardization Management Council (SMC)

Standardization Management Council is the organ assigned the task of coordinating the development of OIC/SMIIC standards in cooperation with Member States. Standardization Management Council coordinates and oversees the performance of the Technical Committees.

During the last year, SMC has continued building up the future activities of the technical committees and following-up their performance on ongoing standards projects.

The Fourth Meeting of the SMIIC SMC was held in Al-Madinah Al-Munawarah, Kingdom of Saudi Arabia on 31 October 2021 and the SASO hosted the meeting.

As major outputs with regards to the SMC technical work in 2021:

- The Chairs of the TC 1, TC 2, TC 3, TC 5 and TC 14 have been appointed;
- TC 12 is dissolved and all of its activities have been transferred to TC 7.

Standardization Activities

The core business of SMIIC is to develop and publish OIC/SMIIC Standards and technical specifications that meet the evolving needs of OIC-wide businesses and other organizations. This important work brings concrete benefits, such as: *improving safety, quality and reliability of products and services*.

The year 2021 has also brought about many unexpected challenges following the impacts of ongoing COVID-19 pandemic yet we continued our commitment to improving our technical work. Hence, by benefiting from all types of technological tools, we have carried out our main tasks in SMIIC Technical Committees to work on and publish new OIC/SMIIC standards.



Technical Committees (TCs)

Standards are prepared by bringing together all interested parties such as manufacturers, consumers and regulators of a particular material, product, process or service.

The following TCs have been established under the SMIIC:



• TC1 Halal Food Issues



• TC2 Halal Cosmetic Issues



• TC3 Service Site Issues



• TC4 Energy Efficiency and Renewable Energy



• TC5 Tourism and Related Services



• TC6 Agricultural Products



• TC7 Transportation



• TC8 Leather and Tanning Material



• TC9 Textiles and Related Products



• TC10 Halal Supply Chain



• TC11 Halal Management Systems



• TC13 Jewellery



• TC14 Petroleum and Related Products



• TC15 Terminology



• TC16 Halal Issues



• TC17 Handicraft

• SMIIC Committee on Standards for Conformity Assessment (SMIIC/CCA)

OIC/SMIIC standards are developed by experts, within TCs. TCs are made up of representatives of industry, NGOs, governments and other stakeholders, who are put forward by SMIIC's members. Each TC deals with a different subject.

Technical Committee Week 9 Meetings

Due to pandemic conditions continuing, we had to hold the 9th TC Week and other important technical meetings virtually.

The Technical Committees meetings were organized between 15 March and 01 April 2021 and technically hosted by SMIIC General Secretariat.

Representatives of IIFA and GSO as liaison organizations and 460 attendees from 28 SMIIC Member States participated in SMIIC TC Week 9.

The meetings were effective and fruitful in which Technical Committees worked on 42 projects. As a major output, some projects proceeded to publication stage and others project to FDS.

All SMIIC Technical Committees and SMIIC Committee on Conformity Assessment held their meetings during the TC Week 9 Meetings.

SMIIC Virtual Technical Committee Week 10 Meetings

SMIIC Virtual Technical Committee Week 10 commenced with the participation of experts from all SMIIC Member States on 27 September 2021 with the Opening Session and continued with SMIIC/CCA and Technical Committees meetings.

Representatives of IIFA and GSO as liaison organizations and 454 attendees participated in SMIIC TC Week 10. As an output, 4 projects reached to DS Stage.

The delegates of the members showed great efforts and contributed to the committees' technical work during the meetings. Virtual Meetings have proved to be efficient, offering much flexibility where more experts are able to attend without the financial burdens and problems associated with physical meetings. Technical Committees have continued to hold their TC Meetings, Adhoc group, working group and study group meetings during the year and will carry on convening regardless of time and place when the need occurs.

Committee on Standards for Conformity Assessment (CCA)

Committee on Standards for Conformity Assessment (CCA) has been established for preparation of guides/standards on criteria for bodies involved in testing, calibration, certification, inspection, accreditation, their operation and assessment, and other related standards and especially halal conformity assessment and accreditation guidelines or standards.



Meetings of CCA:

- 9th Meeting of SMIIC/CCA, 15 March 2021 (Virtual)
- 10th Meeting of SMIIC/CCA, 27 September 2021 (Virtual)

SMIIC Technical Work Overall Key Figures:

The overall Key Figures of the ongoing projects and published standards is given in the table below.

Committees / Project Status	New Work Registered	Working Draft (WD)	Committee Draft (CD)	Draft Standard (DS)	Final Draft Standard (FDS)	Under Publication	Total Ongoing Projects	Published Standards
SMIIC/CCA SMIIC Committee on Standards for Conformity Assessment			1				1	6
TC1 Halal Food Issues		2	1	1			4	3
TC2 Halal Cosmetic Issues		2					2	1
TC3 Service Site Issues		2	2	1			5	1
TC4 Energy Efficiency and Renewable Energy			1	1			2	1
TC5 Tourism and Related Services			1	1			2	1
TC6 Agricultural Products			1	1			2	2
TC7 Transportation		1	1	1			3	1
TC8 Leather and Tanning Material		2			1		3	7
TC9 Textiles and Related Products	1		2		1		4	2
TC10 Halal Supply Chain							0	3
TC11 Halal Management Systems				1			1	1
TC13 Jewellery		1					1	1
TC14 Petroleum and Related Products				4			4	11
TC15 Terminology Committee			1				1	
TC16 Halal Pharmaceuticals Issues		2		1			3	
TC17 Handicraft							0	
Others								1
TOTAL	1	12	11	12	2	0	38	42

The overall key figures of the ongoing projects and published standards

New OIC/SMIIC Standards Published in 2021

SMIIC Technical Committee on Halal Food Issues – TC 1 published a new standard: *OIC/SMIIC 22:2021 – Halal Edible Gelatine – Requirements and Test Methods*.

The new standard provides information about the specific requirements and test methods for halal edible gelatine. The standard which includes Islamic rules and technical requirements, is aimed to be a guide for the production of halal and safe edible gelatine that is suitable for human consumption.

Edible gelatine is widely used by the food industry in the production of confectionery, ice-creams, jellies, chocolates and sweets etc.

The standards development process incorporated hours of hard work of experts from the TC1 Member States and from the International Fiqh Academy who worked through step by step every aspect of the document producing the final standard.

SMIIC Technical Committee on Dangerous Goods Transportation– TC 12 published the new standard: *OIC/SMIIC 21:2021 – Road Vehicles Bottom Loading Tank Truck & Trailers*.

This standard defines the requirements for the design, manufacture, inspection and testing of transport tank shell for petroleum products transportation mounted with bottom-loading and vapor-recovery systems. Inspection, testing and periodic maintenance requirements are also covered.

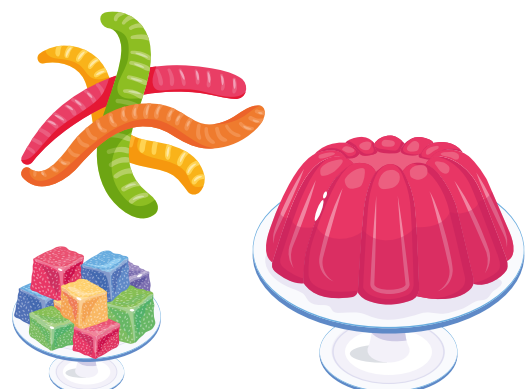
We are grateful for the efforts of TC 12 Members in developing this important standard which applies to all bottom – loading tank truck / tank trailer vehicles licensed for service in SMIIC Member Countries.

SMIIC Technical Committee on Halal Management Systems – TC 11 published the new standard: *OIC/SMIIC 18:2021 – Halal Quality Management System – Requirements*.

The standard emphasizes the implementation of quality management system from the Islamic perspectives. It is developed with the aim to ensure that organizations are managed in accordance with Islamic Rules and practice of the quality management system. Identification of Halal Critical Control Points in organizations' processes, Halal-based Plan-Do-Check-Act (PDCA) cycle and risk-based thinking are the tools given in this standard.

The requirements of this standard are generic and it can be implemented by any organization committed to Islamic principles, regardless of its type or size.

The hard and professional work conducted by experts from TC 11 Members and from the International Fiqh Academy resulted in the development of this unique standard. SMIIC would like to thank all experts who have put in time and effort in the development of the standard.



New SMIIC Information System

SMIIC Information System (IS) was established and launched in 2015 as an electronic collaborative environment to increase the efficiency of communication level among Member States and a database storing all technical works and documents of SMIIC within the scope of work especially for the activities of the Technical Committees (TCs).

It has been actively used since then by the Secretaries, Chairs and experts/members of the TCs and its sub structures for all steps of standardization work from preliminary stage until the publication of OIC/SMIIC standards. SMIIC IS is also used to store the administrative/meeting documents of SMIIC General Assembly and Board of Directors and the documents of SMIIC Councils as well as the information on SMIIC partners. SMIIC IS is linked to the official website of SMIIC which allows to keep the site up to date and ensure the online sales of the OIC/SMIIC standards.

After the launching the SMIIC IS for the first time, according to the feedbacks we added new features. But in time, due to changes in software versions, it became harder to add new changes than creating it from scratch with new technologies. The current technology is at least three times faster and safer than the technology used in 2015.

On the other hand, with growing use of mobile devices, SMIIC IS user interface should be mobile friendly that the users can access anytime and from anywhere by using their mobile devices.

And there was limitation in size of the files and file storage. This was to be changed to allow users to upload without any limitations.



Therefore, taking into consideration the rapid changes in information technologies, the feedback from SMIIC IS users, and the experience of SMIIC General Secretariat during operating SMIIC IS, it was decided to update the system to make it more user friendly at the frontend by using more advanced and up to date software and IT at the backend.

Coordinated by SMIIC General Secretariat, a team, composed of SMIIC General Secretariat Staff (IT and Standardization), a designer and four freelance developers was created. It took 6 months to produce the new system and get it ready for use by end-users. The followings are the some of the major changes:

- Test driven development methodology was used to create the new SMIIC IS. Together with its software, also 700 tests for each function were written. Therefore, in the future when a new function is added, the tests will avoid any possible unforeseen errors.
- Backend of the application has been developed from scratch with the latest technology of 2021.
- It is now mobile friendly.
- Now Amazon Web Services (AWS) cloud is used and there is a serverless environment for deploying SMIIC IS application. There is no limit for file size, no limit for disk size, and no limitations for user connection number at the same time.
- Documents part in SMIIC IS is redesigned, N-Documents have new cover pages with QR code that can redirect the user to the online page of the document by just reading the code with a mobile device.
- You may adding/delete documents and N-Documents through advanced filter or predefined folder system.
- User Administrators can create and manage User Accounts easier with the new advanced filtering and reporting feature and it is now very easy to add/delete roles.
- More advanced Committee page has been created which means easy access to all elements of the committee for the TC Secretaries on a single page.



- New reporting feature was added after the closing of online ballots.
- Meeting tool with new features is available.
- New advanced and user-friendly e-mailing tool with a better archiving system and traceability increased connectivity with adding the "Committee User List" and "Committee User List with Voters" features.
- New SMIIC IS allows automatically created tasks notifications after creation of meetings, ballots or project in the system that aid secretaries to follow up their tasks and navigate in the system smoothly.

Metrology Council (MC)

MC consists of a chair and members from national metrology institutes of the Member States and Observers of SMIIC. SMIIC MC aims to achieve uniformity in metrology and laboratory testing among Member States.



Metrology Activities

Metrology as the science of measurement showed us its importance once again during the pandemic period. Metrology and laboratory services have provided an essential contribution to the diagnostic process with high-quality and accurate infrastructure. In view of this fact, we continued our metrology activities during 2021 by holding meetings and the planned trainings for capacity building as per the SMIIC MC Work Plan 2021 – 2023.

9th Meeting of the Metrology Council:

The 9th Meeting of the SMIIC Metrology Council (MC) was held in hybrid format (Physical and virtual meeting) during 08-09 October 2021 in Istanbul, Turkey. It was hosted by the SMIIC General Secretariat in coordination with TUBITAK UME. Following the recitation from the Holy Quran, Dr. Mustafa ÇETİNTAŞ, Chair of the SMIIC MC and Director of TUBITAK UME, welcomed the participating Member States, expressing his pleasure to see the SMIIC MC Members together in a new meeting. H.E. Mr. Ihsan ÖVÜT, Secretary General of the SMIIC, gave a welcoming speech. He mentioned the effects of the COVID-19 pandemic, the steps taken by the General Secretariat to continue the activities and the latest actions of the SMIIC MC taken in accordance with the SMIIC MC Work Plan 2021 – 2023.

The meeting was attended by 57 representatives (28 physically and 29 online) from a total of 26 Members.

During the meeting presentations were given on the following:

- Progress on implementation of SMIIC MC Work Plan 2021-2023
- Categorization of Member States and roadmap for transition from low to high category
- Halal activities in Member States
- Latest development in Member States
- The members discussed the possibilities for improvement and capacity building of member states to move from category 3 to category 1.

Presentations and speeches regarding the latest developments and halal activities in their countries of Cameroon, Indonesia, Kazakhstan, Senegal, Sudan, Turkey, Uzbekistan, Bosnia and Herzegovina were given by their representatives.

The MC Trainings and capacity building projects will continue as planned in the SMIIC MC Work Plan 2021- 2023.





SMIIC MC Work Plan for 2021 – 2023

The SMIIC MC, in order to achieve its objectives to harmonize and facilitate the activities in metrology services in Member Countries based on international arrangements and regional metrology organization membership requirements has been organizing trainings and relevant metrological activities. The SMIIC MC aims to contribute in enhancing the technical and metrological capabilities of Member States to facilitate removal of technical trade barriers. In line with these objectives, the SMIIC MC Work Plan 2021-2023 was prepared by the Task Force Group which was constituted during the 8th SMIIC MC meeting and approved by the SMIIC MC by correspondence.

The SMIIC MC Work Plan 2021-2023 covers the main activities planned to be realized by the SMIIC MC Member States for three years and is coordinated by the MC Chairmanship. Due to the COVID-19 pandemic, some activities i.e. training, capacity building, consultancy, etc. have been organized online and the form of the other activities will be decided mutually with the involvement of the member NMIs. This plan may be subject to intermediate revision at the SMIIC MC meetings in case it is requested by the members.

SMIIC Metrology Council Technical Capacity Building Trainings:

Due to the COVID-19 pandemic, the planned training activities were commenced to be conducted online by the host National Metrology Institutes. The training requirements were planned to be covered by volunteer members (Training fields and details are presented in the SMIIC MC Work Plan 2021 - 2023).



All trainings were coordinated by TUBITAK UME as the NMI holding the SMIIC MC Chairmanship and SMIIC General Secretariat. Information about the 18 trainings successfully realized via Zoom platform are given in the tabel on the right

Training	NMI	Date
1. Training in Dimensional Metrology-Gauge Blocks	SASO National Metrology and Calibration Center	12-13 July 2021
2. Training on Types and Uses of Reference Materials	SASO National Metrology and Calibration Center	14 July 2021
3. Training on Extraction and Analysis of Sodium Benzoate in Ketchup by HPLC-UV	SASO National Metrology and Calibration Center	03 August 2021
4. Training on the primary measurement of pH by Harned Cell	SASO National Metrology and Calibration Center	10 August 2021
5. Training in Medical Metrology	TUBITAK UME-National Metrology Institute of Turkey	21 September 2021
6. Training on Introduction and Implementation of ISO/IEC 17025 and 17020 Standards	IMBiH-Institute of Metrology of Bosnia and Herzegovina	13 October 2021
7. Training on General Metrology for Halal Laboratories	IMBiH-Institute of Metrology of Bosnia and Herzegovina	19 October 2021
8. Training on Uncertainty calculation in chemical analysis	SASO National Metrology and Calibration Center	20 October 2021
9. Training in Introduction to Classical Statistics	IMBiH-Institute of Metrology of Bosnia and Herzegovina	08 November 2021
10. Training in Introduction to Evaluation of Measurement Uncertainty	IMBiH-Institute of Metrology of Bosnia and Herzegovina	10 November 2021
11. Training in General Metrology, Fundamentals of Measurement, Calibration and Validation	IMBiH-Institute of Metrology of Bosnia and Herzegovina	15 - 16 November 2021
12. Training in General Concepts of Mass Metrology	SASO National Metrology and Calibration Center	17 November 2021
13. Training in General Concepts of Hardness Metrology	SASO National Metrology and Calibration Center	23 November 2021
14. Training in Pressure Metrology	SASO National Metrology and Calibration Center	24 November 2021
15. Training on Technical Requirements for Proficiency Testing Provider	TUBITAK UME-National Metrology Institute of Turkey	22- 23 December 2021
16. Workshop on Uncertainty Calculation of Mass Determination	TUBITAK UME-National Metrology Institute of Turkey	27 December 2021
17. Workshop on Calibration of Analog and Digital Pressure Gauges	TUBITAK UME-National Metrology Institute of Turkey	28 December 2021
18. Workshop on Uncertainty Calculation of Force Measurement Device	TUBITAK UME-National Metrology Institute of Turkey	28 December 2021



Accreditation Council (AC)

AC is the organ carrying out activities aimed at the establishment of an accreditation scheme in the OIC Member States. AC is responsible for supporting actions for establishing a sound accreditation system OIC-wide and raise awareness of accreditation concept within the Member States.

Accreditation Council (AC) consists of members from national accreditation bodies authorized by Member States and Observers of SMIIC. The chair and 12 members from national accreditation bodies authorized by Member States shall be appointed or elected by the Board of Directors for the management of AC, on the basis of an equitable geographic distribution, in accordance with the Rules of Procedure.

The composition of the Members of the Management of SMIIC AC for 2022-2024 term was determined at the 22nd SMIIC Board of Directors on 01 November 2021 in Al-Madinah Al-Munawarah, Kingdom of Saudi Arabia and the information of new members is available via

www.smiic.org/en/accreditation-council-ac

AC is responsible for forming accreditation technical committees (ATC) to implement accreditation related policies/projects/programs in line with the SMIIC Strategic Plan. Membership of ATC is open to all Member States.

OIC Global Halal Quality Infrastructure (OHAQ)

The SMIIC Board of Directors approved Terms of Reference (ToR) of SMIIC AC in 2019 (<https://www.smiic.org/en/smiic-ac>) and this has accelerated the long-expected halal accreditation process to be operational. SMIIC AC after completing its internal documents, started studying the proposal to seek for possible consensus on OIC Global Halal Quality Infrastructure and it was discussed and approved in the 3rd Meeting of Management of the SMIIC Accreditation Council (MAC). Then a Task Force Group (TFG) was established to prepare a document which will include the rules and procedures for the governance and administration of the structure and incorporate the said proposal on the basis of the necessary principles.

In total, 2 Task Force Group meetings were held in order to draw the framework of OIC Global Halal Quality Infrastructure (OHAQ) and members put forth great efforts in finding the right structure for all the OIC region. During the last meeting held in Riyadh in February 2020, two documents prepared by the first TFG meeting were unanimously approved. These documents following receiving the consent of MAC members by correspondence was submitted to the approval of Board of Directors.

With Board Directors Resolution 03/2021, OIC Global Halal Quality Infrastructure and the Informative Note documents have been approved during the 21st SMIIC Board of Directors Meeting which was held virtually on 01 June 2021.

It was also decided to add “metrology” part to the Informative Note document as an element of the quality infrastructure as well as to officially submit the approved OIC Global Halal Quality Infrastructure to OIC General Secretariat for further action at OIC level.

Within this framework, members of Task Force Group (TFG) of SMIIC AC were invited to send their draft proposals for metrology part which were then reviewed/finalized by Co-Chair of the TFG and further discussed at an extraordinary TFG Meeting on 06 July 2021.

The draft document was firstly communicated with Members of the Management of SMIIC AC (between 07 July 2021 and 12 July 2021) and then with the Members of the Board of Directors (between 13 July 2021 and 26 July 2021) for further review. Final text for the addition of “Metrology” part was finalized with the feedbacks of the Member States and has been incorporated to the Informative Note on OIC Global Halal Quality Infrastructure Document.



Management of SMIIC AC has conducted meetings and activities successfully and achieved consensus during the preparation of the Terms of Reference of SMIIC AC and OIC Global Halal Quality Infrastructure documents.

The OIC Global Halal Quality Infrastructure will be a system with a well-designed structure from which all Member States could get benefit and also the OHAQ is expected to assist Member States in setting up proper national quality infrastructure system along with enhancing the existing ones based on the OIC/SMIIC standards.

Training Activities

One of the Strategic Priorities (Goals) of SMIIC is “Support the enhancement of quality infrastructure and interconnectivity of members” in order to achieve our goal, we work to support our members in improving their infrastructure by giving trainings in different fields: Metrology, Standards and Accreditation, with a special focus on OIC/SMIIC Standards and Directives/SMIIC Information Systems training.

We continued to conduct various training activities in 2021 both virtually and physically, some of these are mentioned below:



Training for the “Procedures for the Technical work for Technical Committee Secretaries and Chairmen”

SMIIC General Secretariat gave the training “Procedures for the Technical work for its members on 12 January 2021, held virtually with the participation of SMIIC Technical Committee Secretaries, and Chairmen.

The training was the first of a series of trainings that is being given to SMIIC Member States. During the trainings some of the topics focused on were:

- The procedures of the Technical Committee work
- The role of the Secretaries, Chairmen and SMIIC Directives.

Training for “OIC/SMIIC 1:2019 General Requirements for Halal Food- Foundation Training for SMIIC Member States”

OIC/SMIIC 1:2019 General Requirements for Halal Food- Foundation Training was held on 16-18 February 2021 virtually, by the SMIIC General Secretariat and participated by 41 experts from SMIIC Member States. The training was the second of a series of training courses being held by the SMIIC General Secretariat. The training aimed to give the foundation knowledge regarding halal food, the halal market, requirements and implementation of the OIC/SMIIC 1:2019 General Requirements for Halal Food.



Training for the “Procedures for the Technical Work and SMIIC IS”

SMIIC General Secretariat gave the training “Procedures for the Technical work and SMIIC IS for its Members on 01 March 2021 which was held virtually with the participation of SMIIC Technical Committee Secretaries, Chairmen, Committee Members, User Administrators, Voters and Centralized Voters.

The training was the third of a series of trainings that is being given to SMIIC Member States. During the trainings some of the topics focused on were:

- The procedures of the Technical Committee work,
- Use of the SMIIC Information System,
- The role of the Secretaries and SMIIC Directives.



OIC/SMIIC 2:2019 Conformity Assessment – Requirements for Bodies Providing Halal Certification- Foundation Training

OIC/SMIIC 2:2019 Requirements for bodies providing halal certification – Foundation Training was held on 10-11 March 2021 virtually, by the SMIIC General Secretariat in cooperation with Republic of Turkey Halal Accreditation Agency (HAK) and participated by 39 delegates from SMIIC Member States. The training was the fourth of a series of training courses being held by the SMIIC General Secretariat

and the training aimed to give the foundation knowledge, requirements and implementation of the OIC/SMIIC 2:2019 Requirements for bodies providing halal certification.

The training program included:

- Introduction to OIC/SMIIC 2:2019 & Principles
- General & Structural Requirements
- Resource & Information Requirements
- Process Requirements
- Management System Requirements
- Evaluation Test

OIC/SMIIC 1:2019 General Requirements for Halal Food Auditor training

OIC/SMIIC 1:2019 General Requirements for Halal Food Auditor Training was held on 24-26 May 2021 virtually, by the SMIIC General Secretariat in cooperation with Turkish Standard Institution (TSE) and participated by 38 delegates from SMIIC Member States. The training was the fifth of a series of training courses being held by the SMIIC General Secretariat.

The training program included:

- Auditing Requirements and Methodology
- Application Stage for Halal Certification
 - Planning and Halal Critical Control Points about Products Group
 - Case Studies
- Halal Conformity Assessment in Turkey
- Evaluation Test



A Twenty-Three days training on Halal Standardization and Conformity Assessment for the participants from National Standardization Agency of Indonesia (BSN), Indonesia Halal Competent Authority (BPJPH) and Indonesia Food and Drug Authority (BPOM) was held on 01-23 October 2021 in SMIIC headquarters in Istanbul, Turkey.

Upon the request of the BSN, SMIIC General Secretariat organized and gave this training in cooperation with Turkish Standards institution (TSE) and Halal Accreditation Agency (HAK) in the line of the Technical Cooperation Project titled “Acceptance Halal Product Assurance Systems Strategies during COVID-19 Pandemic for Increasing Exports and Competitiveness of Indonesia Halal Products”. During the Training, Field Visits were organized and following presentations were delivered:

Halal Standardization and Conformity Assessment Training for Indonesia BSN, BPJPH and BPOM Staff

- Halal Standard Development System and Harmonization of Halal and Conformity Assessment Scheme
- Halal Ecosystem and Regulation
- Halal Accreditation and Certification System
- Implementation of Halal Standards
- Development of Halal Certification Scheme

The training was successfully completed and SMIIC General Secretariat delivered certificates of completion awarded to participants.

The training was very productive and SMIIC will continue to support its members wherever necessary.



Regional Training Workshop took place on halal concept standards, certification and marketing of halal products.

The event was co-organized by v and was attended by different stakeholders in the field of halal food safety from the University and Ministry of Agriculture and the Tunisian Institute for Agronomy.



Regional Training Workshop in Tunis

Other Activities:

7th World Halal Summit and 8th OIC Halal Expo

7th World Halal Summit (WHS) under the theme of “New Era & New Normals: Necessity of Halal Production and Consumption” was held during 25-28 November 2021 at Istanbul Congress Center (ICC), Istanbul/Turkey; simultaneously with the 8th OIC Halal Expo (25-28 November 2021), organized by Discover Events in association with the Islamic Centre for Development of Trade (ICDT) and the Standards and Metrology Institute for Islamic Countries (SMIIC) in line with the cooperation framework agreement between the two institutions.



8th OIC Halal Expo was held simultaneously with 7th World Halal Summit providing the unique climate for the exchange of expertise and experience between participants and the group of researchers and experts in all areas related to the definition of halal (e.g. halal food & beverage, halal cosmetics & personal care, halal tourism & accommodation, Islamic banking & finance, textile & modest fashion etc.).

The Summit was crafted to offer an extensive program of inspiring keynote addresses, interactive panel sessions featuring halal sector pioneers and other stakeholders, who covered the major challenges and opportunities in the halal industry as well as scientific presentations and seminars.

A three-day program addressed a variety of topics related to halal, where speakers provided strategic viewpoints on halal research by sharing outputs of their experiments and the latest innovations in the global halal industry. The Summit was complemented with the four-day long 8th OIC Halal Expo and start-up events which were simultaneously organized in the same venue.

Furthermore, 7th World Halal Summit under the theme of “New Era & New Normals: Necessity of Halal Production and Consumption” brought academics, researchers, stakeholders, businesspersons together with policy-makers, pioneers of the halal industry and prominent speakers under one roof.

The World Halal Summit hosted 67 speakers from 16 different countries. Speakers presented their original works under 10 different session titles. The Summit was followed with great interest by 31,067 people from 96 different countries.

The 8th OIC Halal Expo covered an exhibition area of 13,347 square meters, with 354 stands from both national (163) and international (191) exhibitors from 36 different countries. The 8th OIC Halal Expo which is held annually was visited by 31,067 visitors for 4 days during 24-28 November 2021 in Istanbul, Turkey. The Expo as a prestigious OIC event with the extra efforts and support of SMIIC, has been drawing more and more exhibitors and visitors every year.

COMCEC PCM 2019-SMIIC-727 project

SMIIC conducted the OIC/SMIIC 1 Halal Foundation Training for Africa Region on 27-29 July 2021 in Senegal within the framework of the project titled "OIC/SMIIC Halal Foundation Training for Africa Region" funded under the COMCEC Project Funding.

The objective of this training program was to encourage the harmonization of Halal Standards used in the OIC and internationally by aiding in the adoption and use of the OIC/SMIIC Halal Standards. The program aimed to inform the representatives from SMIIC/OIC Member States regarding the procedures for adoption, implementation and use of the OIC/SMIIC series of 3 Halal Food Standards whilst providing foundation training in SMIIC Information System (IS), Technical Committee (TC) work and auditing. Working language of the training was French.

32 delegates from Benin, Cameroon, Cote d'Ivoire, Djibouti, Gabon, Guinea, Mali, Mauritania, Morocco, Niger, Senegal and Tunisia attended the training that was held in hybrid format. The meeting was technically hosted by the SMIIC General Secretariat and physically by the Association Sénégalaise de Normalisation (ASN). We would like to thank ASN for all the efforts they have exerted.



Dubai Expo 2020

SMIIC took part in EXPO 2020 which being held during 1st October 2021 – 31st March 2022 in Dubai, United Arab Emirates. SMIIC has been taking part in the coordination meeting for the EXPO 2020 and as a side event in coordination with ICDT, ICCIA and IsDB has organized a special OIC Halal expo and Halal Summit. SMIIC has been the OIC Institution Coordinator for a specific period of time.



OUR PARTNERS

Cooperation with International and Regional Organizations

Partnership and collaboration are at the heart of SMIIC's visibility, and in 2021, we continued to work with our partners leading to mutual benefit for all.

SMIIC has signed Memorandum of Understanding (MOUs) with International Trade Center (ITC), United Nations Economic Commission for Europe (UNECE), United Nations Industrial Development Organization (UNIDO), African Organisation for Standardisation (ARSO), Arab Industrial Development, Standardization and Mining Organization (AIDSMO), GCC Standardization Organization (GSO), the GCC Accreditation Center (GAC) and Arab Accreditation Cooperation (ARAC). During 2021, we strengthened our cooperation and coordination with sister organizations in the OIC family; IIFA, ICDT, SESRIC, ICCIA and IOFS.

THE FIRST CHAPTER OF OUR NEW JOURNEY: SMIIC STRATEGY 2030

“SMIIC STRATEGIC PLAN 2021-2030”

Our new SMIIC Strategic Plan 2021-2030 became effective on 1st of January 2021, after its approval during the 15th SMIIC General Assembly. The approved Strategic Plan gives the general framework plan towards achieving our vision and accomplishment of our high strategic goals.

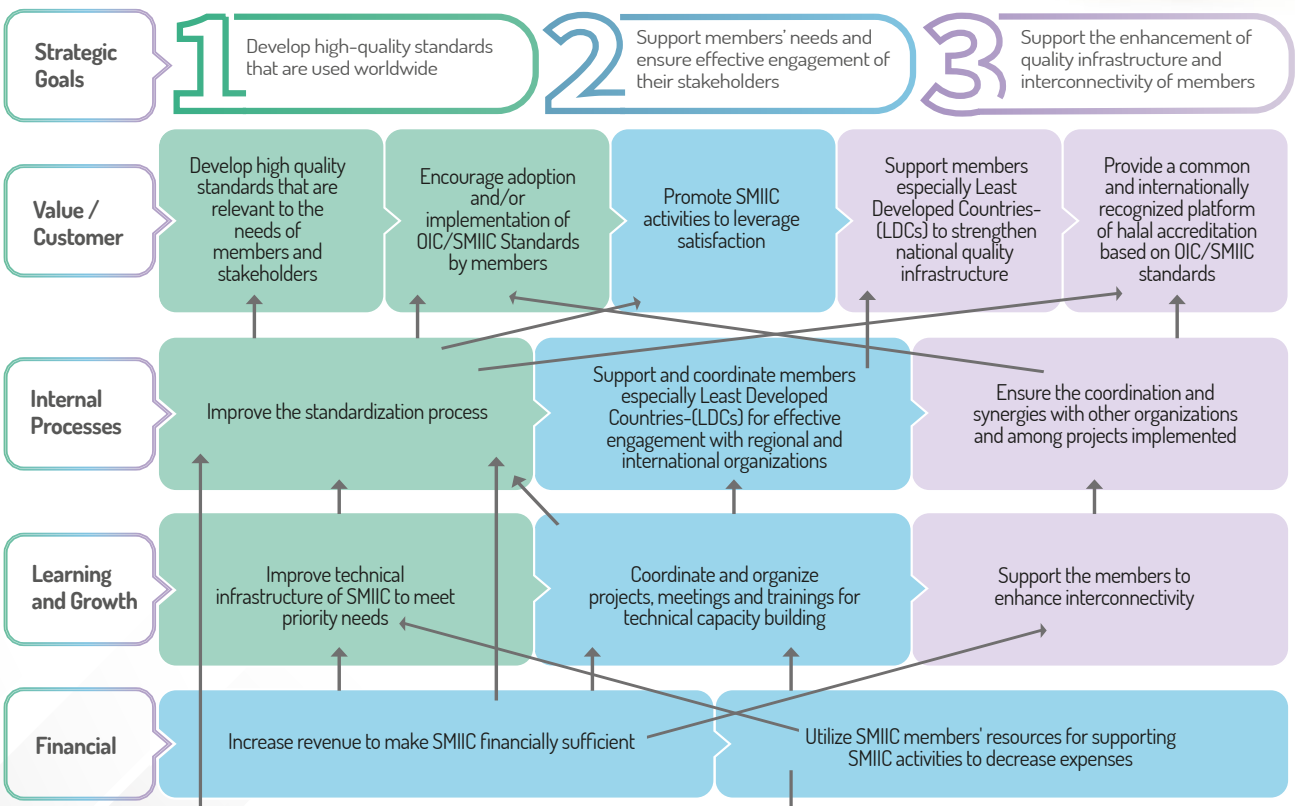
In order to put our strategic plan in practice successfully, it was necessary to develop two-yearly implementation plans that will outline the actual actions we will take to achieve our goals. The first Implementation Plan for the term 2021-2022 was approved during the 21st Board of Directors meeting and our new journey was started.

For executing our implementation plan, we launched 13 (thirteen) Strategic Initiatives including 20 (twenty) projects in different areas for the improvement of our Members States Quality Infrastructure, capacity building trainings, supporting Least Developed Countries, conducting joint programs with our Partners, improving our standards to support the intra-OIC trade, enhancing the connectivity between our members, developing our staff and improving our internal processes and finance.

Through the year 2021, we achieved tangible successes in the implementation of many activities that contributed significantly in achieving our targets & we will continue our successful journey under our comprehensive strategy with the participation and support of our members.



SMIIC Strategic Plan 2021-2030 Map



OUR SCORECARD

01

1. Expert engagement:

Representatives of IIFA and GSO as liaison organizations and 460 attendees from 28 SMIIIC Member States participated in 9th SMIIIC Technical Committee Week Meetings. 454 experts from SMIIIC Member States, GSO and IIFA participated and contributed to the technical work during the 10th SMIIIC Technical Committee Week Meetings.

02

2. Online Sales:

Online sales system of OIC/SMIIIC standards on SMIIIC website which was launched in 2017 has become more dynamic during 2021 recording 219 standards purchased from all around the world.

03

3. Standards published in 2021

In 2021, SMIIIC has published a total of 3 standards.

04

4. OIC/SMIIIC 22:2021 – Halal Edible Gelatine – Requirements and Test Methods Standard

This standard provides information about the specific requirements and test methods for Halal edible gelatine and was published on the 21 February 2021.

05

5. OIC/SMIIIC 18:2021 – Halal Quality Management System Requirements Standard

The standard emphasizes the implementation of quality management system from the Islamic perspectives and was published on the 03 March 2021.

06

6. OIC/SMIIIC 21:2021, Road Vehicles – Bottom Loading Tank Truck & Trailer

This standard defines the requirements for the design, manufacture, inspection and testing of transport tank shell for petroleum products transportation mounted with bottom-loading and vapor-recovery systems and was published on the 22 April 2021.

07

7. 7th World Halal Summit and 8th OIC Halal Expo

7th World Halal Summit (WHS) under the theme of "New Era & New Normals: Necessity of Halal Production and Consumption" was held during the 25-28 November 2021 at Istanbul Congress Center (ICC), Istanbul/Turkey; simultaneously with 8th OIC Halal Expo (25-28 November 2021).

OUR FINANCIAL STATEMENTS

(Following information is obtained from the External Financial Audit Report 2021 as summary)

SUMMARY OF FINANCIAL PERFORMANCE (IN USD)

REVENUE	2021	2020
Subscription fees	1,167,409	1,039,212
Royalties received from members selling SMIIC Standards	51,131	18,185
Total income	1,218,540	1,057,397
EXPENDITURES		
Personnel expenses	(788,254)	(728,476)
Organization expenses	(56,747)	(28,147)
Travel and accommodation expenses	(24,348)	(22,760)
Depreciation expenses from right of use of assets	(26,892)	(26,892)
Other expenses	(87,093)	(58,085)
Total expenditures	(983,334)	(864,360)

Expenses from leasing transactions	(12,321)	(12,321)
Foreign exchange loss	19,741	(2,461)
Total surplus	242,626	178,255

SUMMARY OF CASH FLOW STATEMENTS (IN USD)

	2021	2020
Net cash from operating activities	242,514	190,762
Net cash used in investing activities	(1,856)	(30,545)
Net increase/ (decrease) in cash and cash equivalents	240,658	160,217

Cash and cash equivalent at 1 January	1,416,592	1,256,375
Cash and cash equivalent at 31 December	1,657,250	1,416,592
Decrease	240,658	160,217

BALANCE SHEET AS OF 31 DECEMBER (IN USD)

ASSETS	31 December 2021	31 December 2020
Current Assets		
Cash and cash equivalents	1,657,250	1,416,592
Prepaid expenses	21,930	39,019
Other receivables	4,366	7,72
Total current assets	1,683,546	1,463,331
Non- current assets		
Property and equipment	41,207	70,755
Right of use of assets	103,709	130,601
Total non- current assets	144,916	201,356
Total assets	1,828,462	1,664,687

LIABILITIES AND FUNDS	31 December 2021	31 December 2020
Current liabilities		
Trade payables	1,300	--
Deferred income	4,895	8,535
Liabilities from leasing transactions	15	64,944
Other payables	36,726	27
Total current liabilities	42,936	73,506
Non-current liabilities		
Liabilities from leasing transactions	33,637	81,918
Total non-current liabilities	33,637	81,918

FUNDS AND RESERVES		
Restricted funds		
Subscription fees	7,513,632	6,346,223
Accumulated deficits (other than subscription fees)	(4,836,960)	(3,976,003)
Deficit for the year (other than subscription fees)	(924,783)	(860,957)
Total funds	1,751,889	1,509,263
Total liabilities and funds	1,828,462	1,664,687



OUR MESSAGE: CHALLENGES & EXPECTATIONS

SMIIC, by taking into consideration the needs of OIC Member States, concentrates to take an active position in all standardization, metrology and related activities in addition to conformity assessment as well as focusing on capacity building, training etc.

SMIIC aims to develop common standards that are applied across the world which will aid to ensure the protection of consumers, facilitate cross-border trade, ensure the interoperability of products, encourage innovation and technological development, include environmental protection and enable businesses to grow.

SMIIC vision is to aid to create a quality infrastructure that improves economy, welfare and protects our member states. SMIIC aims to achieve this 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



While doing that, the Institute focuses on aiding in technical improvement and capacity building and play a directive function to guide the investment on laboratory etc. and equal distribution of mentioned plans in OIC Member States.



SMIIC could be supported in a way that:

- It could continue to take an active position in all related standardization activities in addition to conformity assessment as well as focusing on capacity building, training etc. taking into consideration the needs of OIC Member States.
- It continues to benefit the OIC economy in global trading, the welfare of the Muslim community and the environment by providing a platform for the development of OIC/SMIIC standards and other technical specifications across a wide range of sectors as well as the metrology and accreditation to verify –against OIC/SMIIC standards– organizations that carry out evaluation services such as certification, verification, inspection, testing and calibration.
- It could work to support our members on all elements of quality infrastructure as standardization, metrology and accreditation whilst prioritizing the needs of OIC Member States as the common platform.
- It could continue to closely work with the relevant international community, especially sister OIC institutions which have various mandates with regards to the industry, science and technology, economic development etc.

**“ Our best wishes for a wonderful
year filled with good health
and solidarity... ”**





The Standards and
Metrology Institute for
Islamic Countries





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ANNUAL REPORT 2021



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