



MINISTRY OF INVESTMENT, TRADE AND INDUSTRY  
DEPARTMENT OF STANDARDS MALAYSIA

2023

# ANNUAL *Report*

• A JOURNEY THROUGH 2023



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ANNUAL  
*Report*

A JOURNEY THROUGH 2023





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## *Vision*

Accepted by Malaysians,  
Recognised by the World

## *Mission*

To provide credible standardisation and accreditation services to facilitate international trade, develop industry competitiveness towards enhanced economic growth, societal and environmental well-being.


## *At A Glance*

Governed by the Standards of Malaysia Act 1996 (Act 549), Department of Standards Malaysia (JSM- Jabatan Standard Malaysia) is an agency under Ministry of Investment, Trade and Industry (MITI), established on 28<sup>th</sup> August 1996.

JSM is the National Standards and Accreditation Body of Malaysia. We are responsible for developing and promoting Malaysian Standards (MS), as well as providing accreditation services to conformity assessment bodies such as laboratories, certification bodies and inspection bodies. Our main focus is to develop the local industry, facilitating trade and driving the country's economic growth through standardisation and accreditation activities.

# Top Management




 **Shaharul Sadri bin Alwi**  
Director General




 **Hussalmizzar bin Hussain**  
Senior Director of Standardisation




 **Wan Rukiman bin Wan Mamat**  
Director of Accreditation



 **Nor Latifah binti Hussin**  
Director of Strategic Planning



 **Nurhayati binti Ab Razak**  
Director of Management Services

# Foreword

I am delighted to present the JSM Annual Report for the year 2023, showcasing our remarkable achievements and successes. This report reflects the strides we have taken to fulfil JSM's vision and mission, adhere to our values, deliver our standards and accreditations services, and address emerging challenges.

In year 2023, JSM achieved significant milestones, including the successful publication of two impactful standards for the halal and transport sectors. JSM has been actively working towards upholding Malaysia's Full Adherent status within the framework of the OECD Mutual Acceptance of Data (OECD MAD). Additionally, we released an assessment of Malaysia's National Quality Policy (NQP) to better serve our stakeholders. Our active participation in global events like World Standards Day (WSD) and World Accreditation Day (WAD) served as effective promotional activities, enhancing public awareness.

Reflecting on these accomplishments, I wish to extend my heartfelt thanks to our dedicated employees. Their flexibility, outstanding achievements, and strong personal commitment have been instrumental in realising this success. You, our employees, are the cornerstone of our achievements, and I commend each one of you for contributing to our collective success.

I have full faith that JSM will experience continued growth and prosperity, and I trust that each of you will reach new heights in your contributions to our organisation. Your dedication and hard work are truly appreciated. Keep up the excellent work, and Ada Standard Untung!

**SHAHARUL SADRI BIN ALWI**  
Director General  
Department of Standards Malaysia



The image features a vibrant red background with a complex, repeating floral and leaf pattern. The pattern includes stylized flowers in white, yellow, and dark red, along with various leaf shapes in yellow and dark red. A large, diagonal white cutout is positioned on the right side of the image, creating a space for text.

*KEY  
ACHIEVEMENTS  
AND  
NOTEWORTHY  
MOMENTS*

## Road Traffic Safety at its Pinnacle: Exemplary Practices for Platform Providers Redefining Work-Related Road Traffic Safety Management

MS 2756:2023, Road traffic safety -Good Practices for Platform Providers in Implementing Work-Related Road Traffic Safety Management was successfully launched by YB V. Sivakumar, Minister of Human Resources, during the Vision Zero Seminar Malaysia 2023: Safety and Wellbeing at Work, which took place on 2<sup>nd</sup> August 2023 at World Trade Centre, Kuala Lumpur.

This MS provides guidelines for good practices that can be adopted by any platform provider in the transport sector including e-hailing and p-hailing operators for the implementation of work-related road traffic safety management.

These practices are intended to reduce death and serious injuries related to road traffic crashes which it can influence. This MS is applicable to any platform provider to offer further protection to the platform drivers as well as other road users through the adoption of a proactive approach to manage work-related road risks.

## A Confluence with GHaS 2023 - Shaping the Future of the Halal Profession



Seminar on Halal Profession was held on 14<sup>th</sup> September 2023, in collaboration with Jabatan Kemajuan Islam Malaysia (JAKIM), Jabatan Pembangunan Kemahiran (JPK) and Halal Development Corporation (HDC). This seminar was officiated by YBhg Datuk Hanafi Sakri, Deputy General Secretary (Industry), MITI. The Director General of JSM, YBrs Mr. Shaharul Sadri bin Alwi delivered his welcoming speech to a total of 184 seminar participants. During the seminar, JSM introduced the requirements of MS 2691 - Halal profession - General requirements with the aim to produce more knowledgeable, experienced, and ethical halal industry practitioners in order to ensure the integrity and trust in Malaysia's halal certification. This seminar was held in conjunction with the Global Halal Summit (GHaS) 2023.

### **Launching of MS ISO 56002:2019 Innovation management - Innovation management system - Guidance in conjunction with 15<sup>th</sup> AAMC 2023**

MS ISO 56002:2019-Innovation management - Innovation management system - Guidance was launched by Ms. Jamaliah Hamzah, the Director of Trade Facilitation Section, Ministry of Investment, Trade and Industry (MITI) and YBhg. Professor Dato' Seri Ir. Dr. Abdul Rahman Mohamed, FASc., the Vice-Chancellor of Universiti Sains Malaysia (USM). This event took place at USM, Penang on 7th December 2023 during the 15th Asian Academy of Management International Conference (AAMC 2023). MS ISO 56002:2019 is a standard document that provides guidance in ensuring the effectiveness of implementation, maintenance and continuous improvement for innovation management systems.

During this conference, a forum on innovation was held to create awareness amongst the participants on challenges and initiatives pertaining to innovation management such as enhancing the innovation process in an organisation.

### **Launching of MS 1992-4:2023, Eurocode 2: Design of concrete structure - Part 4: Design of fastenings for use in concrete in conjunction with 11<sup>th</sup> International Conference on Advances in Steel Structures (ICASS 2023)**

ICASS is a prestigious international conference series established in 1996 by Chair Professor SL Chan of The Hong Kong Polytechnic University that takes place every two years all over the world. Previous conferences were held in Hong Kong (1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 6<sup>th</sup> and 9<sup>th</sup> series), Shanghai (4<sup>th</sup>), Singapore (5<sup>th</sup>), Nanjing (7<sup>th</sup>), Lisbon (8<sup>th</sup>) and Chengdu (10<sup>th</sup>).

The 11<sup>th</sup> ICASS 2023 was unique, as it was the first to be held in Malaysia. The goal of this conference was to provide professionals and researchers an opportunity to debate and share latest developments in the design, construction, behaviour, and analysis of steel, aluminium, and composite steel-concrete structures.

JSM had successfully launched MS EN 1992-4:2023, Eurocode 2: Design of concrete structures - Part 4: Design of fastenings for use in concrete during the 11<sup>th</sup> ICASS 2023 on 7<sup>th</sup> Dec 2023 at Swinburne University of Technology, Kuching Sarawak. This MS serves to uphold the superior quality of local products and services, thereby facilitating broader market access, while prioritising safety standards without compromise.

### Accreditation Excellence: Continuation of Mutual Acceptance of Data for Malaysia GLP Compliance Programme by OECD

JSM, an agency under MITI, has collaborated with the National Pharmaceutical Regulatory Agency (NPRA), Ministry of Health, as Compliance Monitoring Authorities (CMA). JSM and NPRA both underwent an international evaluation by the Organization for Economic Co-operation and Development (OECD) from 14<sup>th</sup> to May 20<sup>th</sup>, 2023.

Mr. Jason Hachey and Ms. Annette Hansen the esteemed evaluators from OECD have conducted an on-site evaluation for Malaysia OECD Good Laboratory Practice Compliance Programme (GLP CP). As Malaysia's CMAs, JSM and NPRA have been actively pursuing the maintenance of Malaysia's Full Adherent position under the OECD Mutual Acceptance of Data (OECD MAD) framework.

This evaluation plays a vital role in ensuring that Malaysia's OECD GLP Compliance Programme maintains international standards, thus ensuring the safety of chemical-based products.

### JSM's Visionary Pursuit of a Dynamic National Quality Policy (NQP)

In 2023, JSM embarked on the journey to develop National Quality Policy, a pivotal exercise rooted in the comprehensive Assessment of Malaysia's National Quality Infrastructure published in 2023 under the ARISE Plus Malaysia trade-related assistance project funded by the European Union (EU). Centred on bolstering the quality infrastructure, this policy serves as a guiding framework for providing comprehensive, efficient, and effective QI services to meet the needs of all stakeholders. Additionally, it aligns with and supports national developmental programs and policies. It's worth noting that JSM is currently fine-tuning the document through culmination of responses from various stakeholders, ensuring that it remains a living document capable of addressing evolving needs and complexities.



## Empowering Awareness in Celebrating World Accreditation Day 2023 through Media Platforms

JSM has taken the initiative to celebrate WAD 2023 through media platforms such as radio and television stations as well as Public Service Announcement (PSA), which was also considered as an effective platform to raise public awareness on WAD 2023.

A talk show programme was held at RTM and it was attended by YBhg. Datuk Ir. Ahmad Fauzi bin Hasan, the Chairman of the Malaysian Standards and Accreditation Council (MSDAM) and Ms. Fariza binti Wan Abdullah, Senior Principal Assistant Director of Accreditation, JSM.

In addition to that, two radio interview sessions were also conducted through Nasionalfm and KLfm. For Nasionalfm, it was attended by Ms. Shamsinar binti Abdul Talib, the Chairman of the National Accreditation Committee, Mr. Wan Rukiman bin Wan Mamat, Ms. Fariza binti Wan Abdullah and Ms. Siti Norehan binti Ishak. For KLfm, the interviewees were Mr. Mahadir bin Mohamed and Mr. Mark Mariba Rantai.

WAD has been celebrated annually on June 9th worldwide since its inception in 2008. This global initiative was collaboratively launched by the International Laboratory Accreditation Cooperation (ILAC) and the International Accreditation Forum (IAF). Our initiative aims to promote the significance of accreditation recognition and its role in bolstering economic and trade activities, while also contributing to the overarching objectives of the Sustainable Development Goals (SDGs).

## Celebrating World Standards Day 2023 through Media Engagements

Every year on October 14<sup>th</sup>, members of the IEC, ISO, and ITU come together to celebrate World Standards Day. This day serves as a tribute to the collaborative efforts of thousands of experts worldwide who have contributed to the development of international standards. In the year 2023, JSM celebrated World Standards Day (WSD) by promoting it through media broadcasting programmes such as radio and television shows or interviews, namely:



## KEY ACHIEVEMENTS AND NOTEWORTHY MOMENTS

- a. ALFA102@NASIONALfm radio interview session on 5<sup>th</sup> October 2023, featuring Assoc. Prof. Ts. Dr. Nazlina binti Shaari (Faculty of Design and Architecture, UPM) and Ms. Nor Jalilah binti Md Yusop (Standardisation Officer).
- b. Selamat Pagi Malaysia, TV1 (RTM) Talk Show on 11<sup>th</sup> October 2023, featuring Assoc. Prof. Ts. Dr. Nazlina binti Shaari, Faculty of Design and Architecture, UPM and Mr. Hussalmizzar bin Hussain (Senior Director of Standardisation).



These two (2) sessions aimed to promote standard related to Batik (*DMS 692, Batik Malaysia-Spesifikasi*) which was undergoing the Public Comment stage from 1<sup>st</sup> Sept to 31<sup>th</sup> Oct 2023.

## Celebrating Excellence: Two Decades of National Standardization and Accreditation Recognition during the Majlis Anugerah Standardisasi dan Akreditasi Kebangsaan 2022

Majlis Anugerah Standardisasi dan Akreditasi Kebangsaan 2022 was first introduced in the year of 2000, aimed to recognise individuals or agencies that made noteworthy contributions in the field of standardisation and accreditation. For year of 2022, the recipients of the awards were as follows:

### National Standards Award

NO.	NAME	ORGANISATION	FIELD OF EXPERTISE
1	YBhg. Dato'Sri Ts. Mohammad Hamdan bin Haji Wahid	Jabatan Bomba dan Penyelamat Malaysia	Fire Safety
2	Ts. Wan Norisah binti Wan Awang	SIRIM QAS International Sdn. Bhd.	Mechanical Engineering, Civil Engineering, Building and Construction
3	Dr. Loi Kheng Min	Malaysian International Chamber of Commerce and Industry (MICCI)	Quality and Organisational Management
4	Dr. Norhayati binti Moris	Scientia Solution Sdn. Bhd.	Rubber Product
5	Mr. Mohd Faizar bin Mustafa	SIRIM QAS International Sdn. Bhd.	Mechanical & Automotive

### National Accreditation Award

NO.	NAME	ORGANISATION	FIELD OF EXPERTISE
1.	Dr. Afidah binti Hj. Abu Bakar	Universiti Teknologi MARA	Skim Akreditasi Makmal Malaysia (Testing - Mechanical)
2.	Prof. Dr. Yasmin binti A. Malik	Universiti Malaya	Skim Akreditasi Makmal Malaysia (Medical Testing - Virology)
3.	Ts. Rd. Aidifitrina binti Khirotdin	Universiti Teknologi MARA	Skim Akreditasi Makmal Malaysia (Medical Testing - Hematology, Molecular Genetics, Chemical Pathology)
4.	Mr. Tan Han Hooi	Jabatan Kimia Malaysia	Skim Akreditasi Makmal Malaysia (Testing - Chemical, Forensic Science)
5.	Ms. Faridah binti Shahidin	Self-employed	Accreditation of Certification Bodies (ACB) (QMS, EMS, OSH, MDQMS, ABMS, FSMS, PC, Personnel)

## KEY ACHIEVEMENTS AND NOTEWORTHY MOMENTS

Majlis Anugerah Standardisasi dan Akreditasi Kebangsaan 2022 was held on 5<sup>th</sup> August 2023 at Dewan Raja Muda Musa, Shah Alam, Selangor in conjunction with MITI Day 2023. The awards were presented by YB Senator Tengku Datuk Seri Utama Zafrul Tengku Abdul Aziz, the Minister of Investment, Trade and Industry (MITI) to all the recipients, accompanied by YAB Menteri Besar of Selangor, Dato' Seri Amirudin Shari.

The recipients expressed appreciation to the government for the honour and pledged to make more significant contributions in future undertakings.

### Sukan Antara Agensi MITI 2023

JSM through “Kelab Sukan dan Kebajikan JSM” had participated in Sukan Antara Agensi MITI 2023 from 19<sup>th</sup> August to 14<sup>th</sup> October 2023. For this event, 10 games consisting of bowling, badminton, table tennis, volleyball, futsal, netball, football, racetrack, dart and carrom were contested.



JSM also participated in its Closing Ceremony on 14<sup>th</sup> October 2023 held at UKM, Bangi. 30 JSM staff members participated in the march past during the Closing Ceremony.



## JSM's 5 Core Values of Integrity: Less Risky Government Agency

Integrity Unit (UI), was established in 2020 as a focal point in managing issues related to integrity. It is also responsible in implementing five (5) core functions which is Good Governance to ensure the implementation of good governance; Integrity Enrichment to inculcate, institutionalise and implement the concept of integrity; Identification and Verification to identify and verify complaints related to criminal misconduct, violations of code of conduct and ethics and ensure appropriate actions are taken; and to report criminal misconduct to the relevant enforcement agencies; Complaints Management to receive and provide response to all complaints and information concerning criminal misconduct and violation of ethics; and Compliance to ensure laws and regulations are enforced and complied with.

Currently, UI has developed two (2) policy documents and three (3) procedures, namely the Policy on Acceptance and Giving of Gifts/Sponsorship; Whistleblower Protection Policy; Complaint Management and Investigation Procedure; Financial Control and Non-Financial Control Procedures; and Anti-Corruption Control Implementation Procedure for Related Organisations.

Following the aforementioned documents, a briefing on the Anti-Bribery Management System Policy and Procedures of JSM was convened on 12<sup>th</sup> October 2023. The objective was to bolster comprehension and awareness regarding the policy and procedural framework governing JSM's anti-bribery management system.

On 23<sup>rd</sup> November 2023, the Malaysian Anti-Corruption Commission (MACC) rated JSM as a less risky government agency.



### Johor Smart City Forum 2023



Johor Smart City Forum 2023 was held on 12<sup>th</sup> to 14<sup>th</sup> June 2023 at Persada Johor International Convention Centre. JSM participated in the exhibition during the forum to promote the latest Malaysian Standard (MS) dedicated to smart cities.

The launching ceremony of Johor Smart City Forum 2023 consisted of 3 main events, namely Johor Smart City Blueprint 2030 Launching, Pengerang Smart City Action Plan 2030 Launching and Initiative Digitalisation For Local Authority by MSC Cyberport.

### IEM-JSM-ST ASEAN Electrotechnical Symposium and Exhibition 2023



On 6<sup>th</sup> to 7<sup>th</sup> September 2023, JSM in collaboration with IEM and the Energy Commission organised the IEM-JSM-ST ASEAN Electrotechnical Symposium & Exhibition 2023 at the Kuala Lumpur Convention Center (KLCC) with the theme Standards Drive ESG Excellence.

This symposium was inaugurated by YBhg Datuk Hanafi Sakri, TKSU (Industry) MITI.

Mr. Hussalmizzar Hussain (Senior Director, JSM) delivered the keynote address during the Standards Drive ESG Excellence session.

Also present at this Symposium was Mr. Vimal Mahendru (IEC Vice President and Chair, Standardization Management Board) and Mr. Shawn Paulsen (IEC Vice President and Chair, Conformity Assessment Board) along with Mr. Dennis Chew (IEC Asia Pacific Regional Centre).

### MIHAS 2023

JSM participated in the 19<sup>th</sup> Malaysia International Halal Showcase (MIHAS 2023) at MITEC, Kuala Lumpur in conjunction with the Global Halal Summit (GHaS 2023) on 2<sup>nd</sup> to 15<sup>th</sup> September 2023.

GHaS 2023 was inaugurated by YAB Dato' Seri Anwar Ibrahim, the Prime Minister of Malaysia, accompanied by the MITI Minister, YB Senator Datuk Seri Utama Tengku Zafrul Abdul Aziz to the opening ceremony.

The 19<sup>th</sup> edition of the Malaysia International Halal Showcase (MIHAS 2023), hosted by the Ministry of International Trade and Industry (MITI) and organised by the Malaysia External Trade Development Corporation (MATRADE), comprises nearly 1,900 booths.



## Program Setahun Bersama Kerajaan MADANI



JSM showcased its services by participating in the exhibition booth under MITI during the Program Setahun Bersama Kerajaan MADANI which was held on 8<sup>th</sup> to 10<sup>th</sup> December 2023 at the National Stadium Bukit Jalil. This program is organised by the Prime Minister's Office (PMO) through the Performance Surge Coordination Unit (PACU) in collaboration with the Malaysian Productivity Corporation (MPC). It involves strategic collaboration with the Ministry, State Government, industry, Non-Governmental Organisations (NGOs), and the higher education sector.



A decorative floral pattern in shades of blue and white, featuring stylized flowers, leaves, and swirling vines. The pattern is set against a dark blue background and is partially obscured by a light blue diagonal shape on the right side of the page.

***GLOBAL  
ENGAGEMENT  
AND  
EVENT HOSTING***

## JSM Appointed as Peer Evaluator for APAC Peer Evaluation

Asia Pacific Accreditation Cooperation or APAC is the regional accreditation cooperation for the Asia Pacific region and is recognised by the International Accreditation Forum (IAF) and the International Laboratory Accreditation Cooperation (ILAC). APAC's primary role is to manage and expand a mutual recognition arrangement (MRA) among accreditation bodies in the Asia Pacific region. The MRA facilitates the acceptance of conformity assessment results (e.g. test reports, test certificates, inspection reports, and certification) across the region and with other regions around the world.

Peer evaluation aims at establishing confidence whether Accreditation Bodies (ABs) are reliable and competent to deliver services according to standards or normative documents. As a result of a positive evaluation outcome, the AB can join an Arrangement between ABs, confirming reliability and competence to the market.

The objective of an evaluation is to establish confidence in the competence of an accreditation body, thereby establishing confidence in the reports and certificates issued by CABs it has accredited. The evaluation therefore focuses on how the accreditation body assesses the competence of its accredited CABs.



In 2023, JSM's officers were selected to carry out peer evaluation of other ABs. Among those who were involved as peer evaluators are:

1. Mr. Wan Rukiman (China National Accreditation Service for Conformity Assessment - CNAS),
2. Mr. Roslan Alias (International Accreditation New Zealand - IANZ and Saudi Accreditation Center - SAAC),
3. Mrs. Fariza Wan Abdullah (National Center of Accreditation of Kazakhstan - NCA)
4. Mr. Mark Mariba (Global Accreditation Board - GAB).

## EU Arise Project



The ASEAN Regional Integration Support by the European Union (ARISE) Plus Malaysia Project aims to foster inclusive and sustainable trade expansion and alleviate poverty in Malaysia, all the while facilitating economic integration within the ASEAN region. The project is being implemented by the International Trade Centre (ITC) in collaboration with the Ministry of International Trade and Industry (MITI). ARISE Plus Malaysia's second specific objective is to align the country's Quality Infrastructure (QI) system (including standardisation, accreditation, conformity assessment, and metrology) with ASEAN and EU standards and practices. Meeting these objectives entails 1) developing a National Quality Policy (NQP) for Malaysia, 2) harmonising Malaysia's standards and technical regulations, and 3) strengthening the country's conformity assessment services to better demonstrate the compliance of its products and services with international standards.

## Bridging Borders: National Institute of Standard Industry Technology (NISIT) Papua New Guinea

On 7<sup>th</sup> February 2023, the Senior Director of NISIT Papua New Guinea conducted a fieldwork visit at JSM. During the visit, a representative from JSM delivered a presentation on NQI, providing an overview of the development of MS standards and discussing capacity-building initiatives in collaboration with industries and regulatory bodies for standardisation and accreditation activities. The list of delegations of NISIT and NMIM as follows:

1. Mr. Victor Gabi, Director General, NISIT Papua New Guinea
2. Mr. Noah Sapak, Executive Manager, Corporate Division, NISIT Papua New Guinea
3. Mr. Christopher Moroso, Executive Manager, Accreditation Division, NISIT Papua New Guinea
4. Mr. Joe M. Panga, Executive Manager, Metrology Division, NISIT Papua New Guinea
5. Mr. Nazri Marzuki, Deputy Director Electrical Group, NMIM
6. Mr. Zainal Hj Mustapa, Eksekutif Kanan, NMIM

## NIOSHert International Standards Seminar

JSM in collaboration with NIOSH Certification Sdn. Bhd. organised the International Standards Seminar - Safety and Health a Priority: Systematic Approach from ISO Standards Perspective on 14<sup>th</sup> March 2023 in conjunction with the ISO Asia Pacific CEO Forum at Kuala Lumpur Convention Centre (KLCC). The objective of this seminar is to promote the usage of Malaysian Standard (MS) related to Occupational, Safety and Health (OSH).



Mr. Hussalmizzar Hussain (Senior Director of the Standardisation Division) delivered a keynote speech on Standardization and Global Recognition, while Mr. Sergio Mujica (Secretary General Secretary, International Organization for Standardization - ISO) also delivered a discourse on ISO Standards: Driving Change for a Safer & Sustainable Workplace.

## ISO Asia Pacific CEO Forum

JSM organised the ISO Asia Pacific CEO Forum which was attended by 28 delegations from 22 countries from 14<sup>th</sup> to 16<sup>th</sup> March 2023 at The Westin Hotel, Kuala Lumpur, Malaysia. 3 bilateral meetings were held at the sidelines, with the involvement of KATS (Korea), INSO (Iran) and Enterprise Singapore.

YBhg. Datuk Bahria Mohd Tamil, TKSU (Investment) MITI officiated the Welcome & Networking Dinner held on 14<sup>th</sup> March 2023 with 50 attendees, including YBhg. Datuk Hanafi Sakri (Senior Director, Industry Development Division, MITI), YBhg. Datuk Ir. Ahmad Fauzi (Chairman of MSDAM), YBhg. Tn. Hj. Ayop Salleh (Executive Director of NIOSH Malaysia) and YBrs. En. Syamsul Zahrin (CEO NIOSH Certification Sdn. Bhd.).



## 37<sup>th</sup> ISO/CASCO Plenary Workshop

The 37<sup>th</sup> ISO/CASCO Plenary Workshop took place from 25<sup>th</sup> to 28<sup>th</sup> April 2023 in Geneva, Switzerland. Malaysia, through JSM, was represented by Mr. Mark Mariba Rantai. The objectives of the workshop were to get members together to share and discuss practical experiences in the implementation of the CASCO Toolbox and enable the identification of a first batch of experiences that ISO/CS will focus on for the development of case studies and other materials.



The CASCO Plenary meeting was attended by all ISO committees for conformity assessment. As part of the sponsorship to attend the CASCO Plenary meeting, selected participants are required to participate during the Capacity Building - Knowledge Management Workshop that took place on the last day of the CASCO plenary week.

### 4<sup>th</sup> Finance Committee Meeting and 25<sup>th</sup> Board of Directors (BOD) Meeting for SMIC



From 24<sup>th</sup> to 25<sup>th</sup> May 2023, the 4<sup>th</sup> Finance Committee Meeting and 25<sup>th</sup> Board of Directors (BOD) Meeting for SMIC was held in Riyadh, capital of Kingdom of Saudi Arabia. The Malaysian delegation was led by Ms. Nor Latifah Hussin (JSM), and consisted of YBhg. Datuk Hajah Hakimah Mohd Yusoff, Director General of JAKIM, Mr. Jafri Abdullah (JAKIM) and Ms. Nur Afifah Ijap (JSM). Among latest developments, Malaysia has been accepted as a member of the Governance Committee, one of the committees under the BOD that discusses governance and emerging issues of SMIC.

## Pacific Area Standards Congress (PASC) Meeting

Ms. Ainal Fatiha Mohd Noor (JSM) represented Malaysia at the 45<sup>th</sup> Pacific Area Standards Congress (PASC) Annual Meeting from 31<sup>st</sup> May to 2<sup>nd</sup> June 2023 at Noumea, New Caledonia, Australia. The meeting was chaired by Ms. Chantal Guay from Standards Council of Canada and it was managed by Badan Standardisasi Nasional (BSN), Indonesia. PASC's primary role is to support the region's engagement in the international standardisation system for the advancement of economic, societal and environmental well-being.



## ISO/TMB Meeting

The ISO Technical Management Board (ISO/TMB), with delegated authority, are responsible for the decision-making in the general management of the technical committee structure (including establishment, coordination, and, dissolution of ISO's technical bodies), the supervision of their activities, and the development and maintenance of the rules for the work of the ISO technical committees, i.e., the ISO/IEC Directives, Part 1 — Consolidated ISO Supplement — Procedures specific to ISO, version 2017 (8<sup>th</sup> edition) and its subsequent revisions.

For year 2023, Mr. Hussalmizzar Hussain as a member to the ISO/TMB attended 3 rounds of ISO/TMB meetings as follows:

- a. 27<sup>th</sup> February 2023  
to 3<sup>rd</sup> March 2023  
in Miami, Florida USA
- b. 6<sup>th</sup> to 8<sup>th</sup> June 2023  
in Geneva, Switzerland
- c. 18<sup>th</sup> September 2023  
in Brisbane, Australia



## Strategic Insights: Critical and Emerging Technologies

The ISO training on national adoptions of ISO Standards focusing on Critical and Emerging Technologies took place at the ISO Office Building, Geneva, Switzerland from 30<sup>th</sup> August to 1<sup>st</sup> September 2023 .



The Malaysian delegation was represented by a MITI Officer, Ms. Nurulaina Nadzeri (Trade Facilities Section, Investment Policy Section and Trade Facilitation), as well as Standardisation Officers namely Ms. Nik Nazira Nik Yahya, Mr. Feris Frederick and Mr. Muhammad Asyraf Mahmood Dean. The Malaysian delegation also paid a courtesy visit to Ambassador Syahril Syazli Ghazali, Malaysia's Permanent Representative for the WTO.

## ISO Annual Meeting 2023

ISO Annual Meeting 2023 was held from 18<sup>th</sup> to 22<sup>nd</sup> September 2023 in Brisbane, Australia. The meeting was attended by delegations from 177 member countries of ISO with 544 of the participants attended physically while 7,225 others participants attended virtually. The Malaysian delegation consists of YBr. Mr. Shaharul Sadri bin Alwi (Director General of JSM), Mr. Hussalmizzar bin Hussain (Senior Director of Standardisation), Mr. Mohammad Yusof bin Ismail (Standardisation Officer) and other representatives from the certification bodies.

The meeting aimed to discuss matters regarding to ISO especially towards environmental sustainability. This was done accordance with the ISO Strategy 2030 and UN Agenda 2030. The importance of the discussion is to improve climate matters as a means to overcome the Triple Planetary Crisis (climate change, pollution and biodiversity change) and to achieve net zero mission.



During the ISO Annual Meeting 2023, JSM was participated in the breakouts sessions, seminar, workshop and also the following activities:

- a. ISO Council Meeting;
- b. ISO Technical Management Board (ISO TMB) Meeting;
- c. Voting session for the selection of members in the ISO Council for the 2024 - 2026 term;
- d. ISO Committee on Developing Country (DEVCO) Annual Meeting;
- e. Commonwealth Standards Network (CSN) Annual Meeting;
- f. Pacific Area Standards Congress Executive Committee (PASC EC) Meeting;
- g. Bilateral Meeting with The Directorate for Standards, Metrology and Quality of Viet Nam (STAMEQ);
- h. Standards and Metrology Institute for Islamic Countries (SMIIC) Consultative Meeting; and
- i. Networking Session and Dinner with The Saudi Standards, Metrology and Quality Organization (SASO).

## ARISE Plus Malaysia Workshop on TBT and FTA Negotiations

JSM in collaboration with the International Trade Centre (ITC) has organised a Workshop on Technical Barriers to Trade (TBT) on 18<sup>th</sup> to 20<sup>th</sup> September 2023 in Mercure Living Putrajaya. The workshop was done under the ARISE Plus Malaysia project which was funded by the European Union. The workshop was attended by 45 participants comprising regulators, government agencies, trade officials and conformity assessment bodies. The objective of the workshop was to provide a reintroduction to regulators in Malaysia about technical barriers to trade from the perspective of the World Trade Organization (WTO) as well as analyses of dispute cases at the WTO level. The speaker for the workshop was Mr. Arthur Appleton, a US-born EU expert in TBT and also practising lawyer who resides in Switzerland with over 30 years of experience in international trade and investment laws.



From 21<sup>st</sup> to 22<sup>nd</sup> September 2023, another ARISE Plus workshop on Free Trade Agreement (FTA) negotiations was organised by JSM and ITC and it was tailored specifically for JSM officers who are involved in negotiating TBT/Standards, Technical Regulations and Conformity Assessment Procedures (STRACAP) chapters in FTAs. The workshop was attended by 35 JSM officers including the Contract for Service (CFS) officers for their exposure. It facilitated an information sharing session on FTA negotiations and the approaches taken by the EU during the preparation before, during and after negotiations. The speaker for this workshop was Mr. David Luff, an international lawyer who has been trained in the best international law firms with over 30 years of experience in issues regarding policy and international trade negotiations. Both Mr. Luff and Mr. Appleton are the founding partners of the Appleton-Luff international law firm.

## 5<sup>th</sup> Finance Committee Meeting, 26<sup>th</sup> Board of Directors (BOD) Meeting and 18<sup>th</sup> General Assembly Meeting of SMIIC

The 5<sup>th</sup> Finance Committee Meeting and the 26<sup>th</sup> Meeting of the SMIIC Board of Directors (BOD) was held successfully from 30<sup>th</sup> to 31<sup>st</sup> October 2023 in Makkah Al Mukarramah, Kingdom of Saudi Arabia, with the kind hospitality of the Saudi Standards, Metrology and Quality Organization. The meetings concluded with the 18<sup>th</sup> SMIIC General Assembly meeting on 1<sup>st</sup> November 2023.

Ms. Nor Latifah Hussin, Director of Strategic Planning (head of delegation) and Ms. Nur Afifah Ijap, Senior Assistant Director, acted as the representatives from JSM for the meetings. Representatives from JAKIM, YBhg. Datuk HjH Hakimah Mohd Yusoff, Director General and Mr. Iszam bin Padil, Assistant Senior Director, Sekretariat Majlis Halal Malaysia (SMHM) attended the meetings as well.

## ISO Capacity Building Journey Linked To Meeting Week of ISO/IEC JTC 1 (Information Technology)



The ISO Capacity Building Journey was carried out from 12<sup>th</sup> to 17<sup>th</sup> November 2023, in Berlin, Germany in conjunction with the Meeting Week of ISO/IEC JTC 1 (Information Technology). The primary goal of this capacity building initiative is to expose participants to the management of Technical Committee meetings in relation to the ISO standards development process. The focus is on enhancing the understanding of the scope of ISO/IEC JTC 1, with the aim of fostering increased and effective participation from developing countries in the committee's technical work.



The Malaysian delegation was represented by Mr. Roslee Saad (JSM), Mr. Shahrul Mohd Tahir (JSM), Ms. Khairah Alyaa Khalid (JSM), and Mr. Ng Kang Siong (MIMOS Berhad). Mr. Ng Kang Siong also serves as the chairman for the national mirror committee to ISO/TC 307 - Blockchain and Distributed Ledger Technologies and ISO/IEC JTC 1/SC 42 - Artificial Intelligence. Throughout the capacity building program, the Malaysian delegation had the opportunity to share their experiences as a P-member of ISO/IEC JTC 1 (Information Technology) and provide insights into their involvement in the committee.

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*REGIONAL  
ENGAGEMENT  
AND  
EVENT HOSTING*

## Unlocking Halal Opportunities: Insights from Malaysia-Indonesia Halal Forum and Industry Engagement 2023

The Malaysia-Indonesia Halal Forum and Industry Engagement 2023 was held on 17<sup>th</sup> January 2023 virtually. Dr. H. Muhammad Aqil Irham, Kepala Badan Penyelenggara Jaminan Produk Halal (BPJPH) Halal Indonesia, and YBhg. Dato' Dr Sirajuddin Suhaimee, Deputy Director General of JAKIM were the speakers for the forum. The session was moderated by Mr. Hussalmizzar bin Hussain, Senior Director of the Standardisation JSM.

Many halal-certified exporters have faced challenges trying to enter the Indonesian and Malaysian markets even while adhering to halal regulations and requirements. The session provided further insights and understanding on Indonesia's and Malaysia's halal certification law enforcement as well as their labelling and packaging requirements. Apart from that, said session also aimed to manage industry players' perceptions and expectations.

## ASEAN Trade in Goods Agreement (ATIGA)

In pursuing the goal of establishing a single market and production base with a free flow of goods by 2015 for the ASEAN Economic Community, a more integrated and holistic approach is required. This calls for the integration of both existing and additional measures relevant to the trade in goods initiative under one umbrella. To achieve this, in August 2007, the ASEAN Economic Ministers agreed to enhance the Common Effective Preferential Tariff for ASEAN Free Trade Agreement (CEPT-AFTA) into a more comprehensive legal instrument. This led to the signing of the ASEAN Trade in Goods Agreement (ATIGA) in February 2009. In order to ensure that ATIGA remains relevant, a negotiation to upgrade the current ATIGA was initiated in September 2022.



The Department of Standards Malaysia has participated actively in the negotiation of ASEAN Trade in Goods Agreement (ATIGA), Chapter on Standards, Technical Regulations, and Conformity Assessment Procedures (STRACAP) through its 5 Working Group (WG) meetings as follows:

- a. 1<sup>st</sup> Meeting virtually from 16<sup>th</sup> to 17<sup>th</sup> January 2023.
- b. 2<sup>nd</sup> Meeting virtually from 28<sup>th</sup> to 29<sup>th</sup> March 2023.
- c. 3<sup>rd</sup> Meeting 31<sup>st</sup> July to 1<sup>st</sup> August 2023 in Jakarta, Indonesia.
- d. 4<sup>th</sup> Meeting virtually from 3<sup>rd</sup> to 4<sup>th</sup> October 2023.
- e. 5<sup>th</sup> Meeting virtually from 20<sup>th</sup> to 21<sup>st</sup> November 2023.

The negotiation is expected to be concluded by the end of 2024, followed by the signing of the ATIGA upgrade in early 2025. To date, almost 60% of the text has been completed.

### Strategic Insights: Critical and Emerging Technologies

JSM participated in an engagement and sharing session with Standards Australia (SA) under the International Standards Integration for CET in South-East Asia project to identify standards development related to Critical and Emerging Technology (CET) among ASEAN countries. The 4-day session beginning from 13<sup>th</sup> to 16<sup>th</sup> February 2023 had 30 participants representing stakeholders and JSM officers. Among the topics covered under the CET scope were artificial Intelligence, advanced manufacturing, cybersecurity, energy, and transport.



## Asia Pacific Economic Cooperation Sub-Committee on Standards and Conformance (APEC SCSC) 2023

The Asia-Pacific Economic Cooperation (APEC) was hosted by the United States in 2023. The First APEC Sub-Committee on Standards and Conformance Meeting of 2023 (SCSC 1 2023) was physically held on 19<sup>th</sup> to 20<sup>th</sup> February 2023 in Palm Springs, California. During the meeting, Malaysian representatives presented a project proposal titled "Best Practices of Quality Infrastructure in APEC Economies" following Malaysia's suggestion during the second SCSC meeting of 2022 to include quality infrastructure as one of the agenda items under APEC SCSC policy discussion. The objective of the proposal is to leverage on SCSC as a platform to exchange information about the best practices in the governance of quality infrastructure, and to contribute in achieving APEC goals, especially Putrajaya Vision 2040, heading towards sustainable economic development and prosperity in the APEC region. The meeting was followed by an APEC Workshop on Strengthening Understanding of the World Trade Organization Technical Barriers to Trade Agreement from 21<sup>st</sup> to 22<sup>nd</sup> February 2023 organised by the US SCSC team. Ms. Nur Hidayah Ayub Kamaruddin represented JSM to present on Malaysia's experience and approach in managing TBT notifications to be submitted to the WTO.

The Second APEC SCSC Meeting of 2023 (SCSC2 2023) was held from 8<sup>th</sup> to 9<sup>th</sup> August 2023 in Seattle, Washington. JSM has reported the outcomes of a Malaysian APEC SCSC project overseen by Universiti Malaya (UM) titled "NGS-based Microbial Testing for Probiotics Products: Protocol Development and Laboratory Capacity Building". The meeting was followed by the APEC 16<sup>th</sup> Conference on Good Regulatory Practices (GRP16) which was also organised by the US SCSC team from 10<sup>th</sup> to 11<sup>th</sup> August 2023. Malaysia was represented by MITI, JSM, the Ministry of Economy, and Malaysia Productivity Corporation (MPC) which provided a speaker for the workshop on innovations in regulatory policy, agility and stewardship. Aside from the GRP16 conference, JSM delegates also attended two APEC workshops on "Implementing Circular Economy Standards" organised by Standards Australia from 6<sup>th</sup> to 7<sup>th</sup> August 2023, and "Understanding Trade Issues Related to Halal Certification" which was organised by the US SCSC team on 10<sup>th</sup> August 2023. For the halal workshop, a speaker from the Department of Islamic Development Malaysia (JAKIM) virtually presented on Malaysia's halal certification programme

## ISO Regional Workshop: Crafting National Standardization Strategies for Sustainable Development Goals and Emerging Technologies

Mr. Feris Frederick, Mr. Kavi Arasu Moorthi, Ms. Jessica Sawai Jues and Ms. Nurulaina Nadzeri (MITI) attended the ISO Regional Workshop on Developing National Standardization Strategies -

Connecting National Standardization Priorities with the Sustainable Development Goals and Critical and Emerging Technologies in Da Nang, Vietnam from 8<sup>th</sup> to 12<sup>th</sup> May 2023.

This workshop was part of the initiatives under the ISO Action Plan for developing countries 2021 - 2025.

### **Technical and Networking Workshop on Next Generation Sequencing (NGS) Application for Probiotics Testing**

Technical & Networking Workshop on Next Generation Sequencing (NGS) Application for Probiotics Testing was held from 6<sup>th</sup> to 8<sup>th</sup> of June 2023 at Pullman Hotel, This same workshop was held again on 7<sup>th</sup> of June 2023 at Universiti Malaya (UM), Kuala Lumpur.

This project was organised by UM, and sponsored by Asia-Pacific Economic Cooperation (APEC) with the help of JSM as the Malaysian representative in the APEC Sub-Committee on Standards & Conformance (SCSC).

The objective of this project was to identify the best method and capacity development in technology application NGS through quality verification and product safety in terms of probiotics testing in the laboratory.

### **ASEAN Consultative Committee For Standards & Quality (ACCSQ)**

The Department of Standards Malaysia has maintained its active participation in the ASEAN Consultative Committee for Standards and Quality (ACCSQ). 3 meetings were conducted in 2023. The 59<sup>th</sup> Meeting was held on 13<sup>th</sup> to 15<sup>th</sup> June 2023 in Yogyakarta, Indonesia whereas the 60<sup>th</sup> Meeting was held virtually on 6<sup>th</sup>, 7<sup>th</sup> and 12<sup>th</sup> December 2023. On top of the 2 meetings, an Intersessional Meeting was held virtually on 5<sup>th</sup> September 2023. Representatives from the Ministry of Works and the Ministry of Health also participated in the meetings.

The three meetings focused on discussing issues concerning of STRACAP including:

- a. Implementation of technical regulation and acceptance of certificates among AMS.
- b. Harmonisation of product certification scheme.
- c. Progress on FTA negotiations.

- d. Progress on Annual Priority Deliverables.
- e. Progress on work implemented by 13 Working Groups and Product Working Groups.

Amongst the roles of ACCSQ are:

- a. To formulate policies and recommendations on the harmonisation of STRACAP within ACCSQ's purview and oversee their implementation.
- b. To provide fora for regulatory authorities to work together on regulatory aspects and provide them with necessary guidance.
- c. To facilitate dialogues with industries for both regulated and non-regulated sectors with the aim to strengthen the involvement of industries in standards and conformity assessment activities.
- d. To develop mechanisms for technical cooperation among ASEAN Member States leading to the building up of the technical capacity of STRACAP.

The Department of Standards Malaysia has championed another regional forum particularly the AJCEP Sub-Committee on Standards, Technical Regulations, and Conformity Assessment Procedures (SC-STRACAP) through the role as Co-Chair. The 9<sup>th</sup> Meeting was conducted consecutively with the ACCSQ 60<sup>th</sup> Meeting.



### Papua New Guinea Laboratory Accreditation Services (PngLAS) Attachment Training

Three members from PngLAS namely Mr. Christopher Mosoro, Executive Manager, Ms. Doreen Kau Amuki, PngLAS Manager and Ms. Nambau Ursula Annabelle, QA Manager have undergone an attachment training organised by JSM from 16<sup>th</sup> to 20<sup>th</sup> October 2023 which included visiting calibration laboratory, attending the Assessor Forum, observing assessment activities, and observing the Evaluation Panel meeting. The introductory session was also attended by Mr. Ng Kwan Loong, one of JSM's Lead Assessor and ISO/IEC 17025 trainer for PngLAS.



### Regional Workshop on Technical Barriers to Trade for Asian Members of the WTO



The regional workshop was held from 14<sup>th</sup> to 16<sup>th</sup> November 2023 in Manila, Philippines. It was aimed to address the opportunities and challenges faced by Asian members with respect to the WTO TBT Agreement and industrial decarbonisation. Apart from enhancing and harmonising the

understanding of the agreement and its roles in facilitating trade, it also acted as a platform to discuss implementation issues particularly in areas related to the iron and steel sectors. The workshop was a great opportunity for the participants to gain valuable knowledge from the WTO, ISO, OECD, UNIDO, and World Steel Association.

The Malaysian delegation was represented by Ms. Nur Hidayah binti Ayub Kamaruddin (Strategic Planning Division, JSM), Ms. Nguang Siew Hung (Multilateral Policy and Negotiation Division, MITI) and Mr. Ammirul Mirza Anuar (Industry Development Division, MITI).

### ISO Regional Training on Product Certification

Ms. Anuratha Sivam and Ms. Norsheda Bahari attended the ISO Regional Training on Product Certification which was held from 28<sup>th</sup> to 30<sup>th</sup> November 2023 in Jakarta, Indonesia. This training was part of the ISO Action Plan for Developing Countries framework and aimed to provide requisite knowledge and understanding on the internationally agreed standards of the requirements for body certifying products, processes and services, as well as the fundamentals and guidelines for product certification schemes.



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## *NATIONAL ACTIVITIES*

## Comprehensive Training on New Standards for Assessors, Officers, and CABs



In order to guarantee the expertise of personnel in the accreditation department, each individual is required to attend continuous training. The training given included ISO 15189:2022, ISO/IEC 9712:2021, MS 1480:2019, MS 1514:2022, and ISO/IEC 27001:2022. In addition, JSM also invites any relevant certification body that is interested in the certification to attend the selected training.

## Bridging Students to Standards through the Standards Education Programme

The Standards Education Programme aims to raise awareness among students at different educational levels about standards and conformance activities. The programme framework has been tailored to cater to both school and university students, providing diverse content. In addition to fostering awareness, the programme also holds particular significance for university undergraduates, as the knowledge gained in standards and conformance can be applied in their future roles within the industry.



In 2023, four universities actively participated in the programme, namely Universiti Malaysia Kelantan (UMK), Malaysian Institute of Aviation Technology (UniKL MIAT), Universiti Kebangsaan Malaysia (UKM), and Malaysian Institute of Industrial Technology (UniKL MITEC). A total of eight series of tours were conducted at various local universities. Given the broad applicability of standards and conformance across disciplines, students from diverse fields such as Aircraft Engineering Technology, Quality Engineering, Mathematics and Statistics, and Earth Science have participated. Throughout the year, a total of 451 students benefited from the programme.

The students were immersed in the landscape of the national quality infrastructure, engaging in standardisation activities, accreditation and conformity assessment work, and gaining access to standards through the JSM's Knowledge Centre and MySQL system.



### Seminar Moment Talk MS 832 and MS 1017

Seminar Moment Talk MS 832 & MS 1017 (Vol. 2) was held at Shah Alam Convention Centre (SACC). Moment Talk is a seminar introduced by CIDB. It was organised by the cooperation of JSM, CIDB and Persatuan Industri Fasad Malaysia (PIFM) in conjunction with the new versions of both MS under TC Technical Committee on Aluminium Products (NSC 04/TC 5). YBrs Mr. Shahrul Sadri Alwi, Director General of JSM officiated the seminar.

### Collaborative Session: CIDB and JSM Strategise Enforcement Program under Act 520

On 8<sup>th</sup> February 2023, a collaborative meeting transpired between the Construction Industry Development Board (CIDB) and JSM. The discussions centered on fostering cooperation to ensure the success of programs and enforcement initiatives under Act 520.

CIDB was led by Ms. Zainora Zainal (Senior General Manager, Technology Development Sector, CIDB) while JSM was led by Ms. Nor Latifah Hussin, Director of Strategic Planning, JSM.



## Standards Compliance Stewardship Programme for Enterprises (ESCAPE)

The ESCAPE Programme, launched on 3<sup>rd</sup> September, 2020, aims to assist industries in achieving compliance with standards through technical training and advisory services across four phases: Awareness, Interpretation, Implementation, and Certification. JSM has forged collaborations with key government agencies such as the Ministry of Tourism, Arts and Culture (MOTAC), Malaysian Road Safety Research Institute (MIROS), Social Security Organisation (PERKESO), Majlis Amanah Rakyat (MARA), and the Department of Occupational Safety and Health (DOSH) to ensure the programme's success and attainment of its objectives.



As of now, the ESCAPE programme encompasses six industrial sectors, which may expand over time:

- a. Road Traffic Safety Management Systems (RTSMS)
- b. Business Continuity Management Systems (BCMS)
- c. Halal Food
- d. Halal Cosmetics
- e. Occupational Health and Safety Management Systems (OHSMS)
- f. Adventure Tourism Safety Management Systems (ATSMS)

In 2023, eleven training sessions were conducted under the ESCAPE programme, involving over 700 participants from 500 companies. Notable sessions included;

1. ESCAPE MS 2634:2019 - Halal Cosmetics Internal Audit Training, 22<sup>nd</sup> to 23<sup>rd</sup> February 2023, Putrajaya
2. ESCAPE MS ISO 37001:2013 - Road Traffic Safety Management Systems, Performance Factor and Documentation Development Training, 21<sup>st</sup> to 22<sup>nd</sup> February 2023, Putrajaya
3. ESCAPE MS ISO 37001:2013 - Road Traffic Safety Management Systems, Internal Audit Training, 24<sup>th</sup> to 25<sup>th</sup> May 2023, Putrajaya
4. ESCAPE MS ISO 45001:2018 - Occupational Health & Safety Management Systems, Documentation Development Training, 1<sup>st</sup> to 2<sup>nd</sup> March 2023, Putrajaya
5. ESCAPE MS ISO 45001:2018 - Occupational Health & Safety Management Systems, Documentation Development Training , 8<sup>th</sup> to 9<sup>th</sup> March 2023, Pulau Pinang
6. ESCAPE MS ISO 45001:2018 - Occupational Health & Safety Management Systems, Internal Audit Training, 6<sup>th</sup> to 7<sup>th</sup> June 2023, Selangor
7. ESCAPE MS ISO 45001:2018 - Occupational Health & Safety Management Systems (OHSMS), Internal Auditing Training, 6<sup>th</sup> to 7<sup>th</sup> June 2023, Selangor
8. ESCAPE MS ISO 45001:2018 - Occupational Health & Safety Management Systems, Online Awareness Training, 2<sup>nd</sup> August 2023
9. ESCAPE MS ISO 45001:2018 - Occupational Health & Safety Management Systems, Interpretation and Implementation Training, 19<sup>th</sup> to 20<sup>th</sup> September 2023, Johor Bahru
10. ESCAPE MS ISO 45001:2018 - Occupational Health & Safety Management Systems, Interpretation and Implementation Training, 17<sup>th</sup> to 18<sup>th</sup> October 2023, Terengganu
11. ESCAPE MS ISO 21101:2014 - Adventure Tourism Safety Management Systems Awareness Training, 31<sup>st</sup> October 2023, Putrajaya

Twelve companies have already obtained certification in their respective fields since the initiation of the ESCAPE programme, while others are currently in the certification process. The success and growth of the programme are evident in its expanding sectors, strategic partnerships, and the increasing number of certified companies.



## 7<sup>th</sup> PMAM Annual Meeting

The 7<sup>th</sup> PMAM Annual Meeting was held on 16<sup>th</sup> Mac 2023 at Bangi Resort Hotel. JSM's officers attended the event and extended congratulations to all the newly appointed PMAM EXCOs. JSM took the opportunity to invite all SAMM laboratories to register as PMAM members, emphasising the manifold advantages, including access to training programs and participation in inter-laboratory comparisons.



## Navigating Trade Barriers: Enhancing Regulatory Understanding through WTO TBT Agreement Engagement Sessions

The engagement sessions aim to provide information to regulators regarding Malaysia's commitment to the WTO TBT Agreement which focuses on reducing technical barriers to trade. The goal is to understand how standards and conformity assessments such as accreditation can be utilised for enforcement purposes and not contravene to agreement. Besides this, the session also discloses information on the roles of JSM in standards development and accreditation services.

For 2023, engagement sessions have been conducted for three regulators, namely:

- a. Suruhanjaya Tenaga (ST) on 5<sup>th</sup> April 2023;
- b. Suruhanjaya Perkhidmatan Air Negara (SPAN) on 4<sup>th</sup> June 2023;
- c. Jabatan Keselamatan dan Kesihatan Pekerjaan Malaysia (JKKP) on 6<sup>th</sup> June 2023 and 22<sup>nd</sup> November 2023.

Apart from Trade Facilitation Section officers, The representatives from JSM also include officers from Standardisation Division and Accreditation Division. The engagement sessions will be continued in 2024, targeting a larger number of regulators in Malaysia.

## Shaping Malaysia's National Quality Policy (NQP) through Engaging Stakeholder Sessions



The Development of National Quality Policy (NQP) has covered policy feasibility, governance structure, and NQP implementation strategies in 10 engagement sessions throughout the months of May, June and July 2023, which involved various stakeholders such as MITI, MSDAM, JSM, NMIM, KPDN, state government representatives in Sabah and Sarawak, regulators, and industry associations.

## National Accreditation Committee Meeting No. 1/2023 & No. 2/2023



The National Accreditation Committee Meeting No. 1/2023 and No. 2/2023 were held on 20<sup>th</sup> June 2023 and 1<sup>st</sup> November 2023 respectively at Everly Hotel, Putrajaya. Both meetings were chaired by Ms. Shamsinar Abd. Talib.

The first meeting was attended by the main stakeholders of the accreditation services offered by JSM such as the Ministry of Health, Department of Occupational Safety and Health (DOSH), Energy Commission of Malaysia, Universiti Sains Malaysia (USM), Malaysian Oil Palm Berhad (MPOB), and Pesticide Board. This meeting approved the proposed

development of the Educational Organization Management System certification program and the amendment of several JSM Accreditation Policies and Specific Technical Requirements for the Common Criteria field.

The second meeting discussed matters related to the amendment of the Accreditation Policy document (AP2), the proposed document approval for the Scheme for the Accreditation of Validation and Verification Bodies (MyV&V) and others relevant matters.

### Strategic Trade Mastery Workshop



JSM has organised a workshop titled Effective Trade Negotiation Skills: Malaysia's Perspective on 13<sup>th</sup> September 2023 in the Cyber Axis Tower multipurpose hall. This workshop featured information and experience sharing from experienced Malaysian FTA negotiation experts, namely Mr. Muhammad Rudy Khairuddin Mohd Nor who has vast experience in the chapter on Sanitary and Phytosanitary (SPS) measures in FTAs, and Ms. Arividya Arimuthu who has led various bilateral and regional FTA negotiations involving Malaysia during her tenure in MITI. The workshop was targeted to JSM officers to build our their capacity in strategic trade negotiations, especially when it comes to negotiating on behalf of Malaysia for the TBT/STRACAP chapters in FTAs.

## Interactive Town Hall Session with Accredited Certification Bodies for GMP, HACCP & FSMS Schemes

On 14<sup>th</sup> September 2023, JSM in collaboration with the Food Safety and Quality Division (FSQ), of the Ministry of Health organised a town hall session with accredited certification bodies at the Dewan Menara Cyber Axis.

The town hall session acted as a platform for certification bodies accredited with food safety programmes such as Good Manufacturing Practices for Food (GMP), Hazard Analysis Critical Control Point (HACCP), and Food Safety Management Systems (FSMS) to update the latest developments on certification programmes and related issues.

A total of 27 representatives from 15 certification bodies attended the session including the JSM officers. Ms. Tosiah Abdullah, Deputy Director of FSQ, Ministry of Health, opened the session, followed by presentations from Mr. Benardos Bingkang, ACB Scheme Manager, and from FSQ officers.



## Young Professionals Programme



JSM organised a Young Professionals Workshop on 14<sup>th</sup> September 2023, at The Everly Hotel, Putrajaya. Centred around the construction industry, the theme for 2023 was “Elevate Your Career to The Next Level: Understanding the Role of Standards and Conformance in the Construction Industry.” Ms. Nor Latifah Hussin, Director of Strategic Planning, officiated this workshop, attended by 40 young professionals from various fields, including engineering, architecture, certification, and more.

The programme's objective is to cultivate young experts under the age of 40 in the field of standards and conformance. Participants were acquainted with Malaysia's National Quality Infrastructure, the national standardisation landscape, ensuring compliance through accreditation and conformity assessment, and the National Construction Policy 2030. The agenda featured an insightful session where Ms. Linda Wong, a young expert from Daikin R&D Malaysia Sdn Bhd, shared her successful journey, providing industry perspectives on contributing to national standardisation activities.

Seven other speakers, namely Mr. Ahmad Zamir Zulkifli (NMIM), Ts. Hanis Amsari (CIDB), Ms. Nor Haida Shahimi (KKR), Ms. Jessica Sawai Jues (JSM), Mr. Feris Frederick (JSM), Mr. Mark Mariba Rantai (JSM), and Mr. Mohd. Hamzaini Hashim (JSM), delivered presentations on various topics throughout the day.

Participants were granted the opportunity to engage in national standardisation and accreditation activities. It is noteworthy that this programme is conducted annually by the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC).

## JSM Forum 2023: Engaging with Conformity Assessment Bodies

From 18<sup>th</sup> to 20<sup>th</sup> September 2023, JSM organised a digital forum together with Conformity Assessment Bodies. Mr. Wan Rukiman Wan Mamat, Director of Accreditation, JSM, represented the General Director in delivering the welcoming speech as well as chairing the dialogue session. The year's forum focuses on providing the accredited CABs on JSM's new accreditation policy and procedures. This session took place on 19<sup>th</sup> September 2023 and drew participation from a total of 618 participants.



The inaugural forum centred on SAMM Medical Testing, wherein laboratory representatives received a comprehensive briefing on updates to the SAMM Medical Testing Scheme. The session also facilitated knowledge sharing pertaining to the transition to ISO 15189:2022. The event garnered participation from over 330 attendees through an online platform.

The second forum focused on the Accreditation of Certification Bodies (ACB) Scheme. The ACB Scheme Manager delivered updates on the latest developments in the ACB Scheme and a total of 254 participants joined the forum virtually.

The third forum was a joint forum for SAMM Calibration Testing, MIBAS, and MyPTP Scheme. The CAB representatives were briefed on updates to the schemes, and was attended by more than 500 participants online.

## Exploring ISO 56000 Standards for Sustainable Competitive Edge



From 20<sup>th</sup> to 21<sup>st</sup> September 2023, Penang Skills Development Centre (PSDC) together with JSM organised a Seminar entitled *"Your Sustainable Competitive Edge for Product Development Utilizing ISO 56000 Innovation Management System Standards"* in Bayan Lepas, Pulau Pinang in conjunction with the Innovation Conference. A total of 150 participants representing government bodies, industries, and universities attended the seminar.

During this session, MS ISO 56002:2019 was introduced and promoted by highlighting innovation management as the main topic for the panel discussion.

## Empowering Minds: Program Semarak Ilmu@MITI

On 26<sup>th</sup> September 2023, the Ministry of International Trade and Industry (MITI), in collaboration with its agencies, including JSM, organised the "Program Semarak Ilmu@MITI" under the theme "Today A Reader, Tomorrow A Leader." During the event, Ms. Sabariah Abdul Talib, Senior Assistant Director at JSM, delivered an insightful talk titled "Standard and You."



As part of the program, JSM successfully hosted the Knowledge Literacy Quiz, engaging students from SMK Kiaramas and SMK Segambut. The JSM information counter remained open to promote awareness about standardisation and accreditation services.

Recognition was given to outstanding individuals during the event. Ms. Siti Sarah Mohammad Amil was honoured with the Outstanding Counter Clerk award for her exemplary services in Library Services, while Ms. Nur Syafinaz Rosman received the Active Library User award.

Adding to the vibrancy of Semarak Ilmu@MITI, the program featured a special appearance by the esteemed YBhg Datuk Dr. Zurinah Hassan, the 13<sup>th</sup> National Literary, who also holds the historic distinction of being the first female literary figure in the country.

## JSM Forum 2023: Building Synergy with Accreditation Assessors for Excellence

JSM, together with Accreditation Assessors under the Skim Akreditasi Makmal Malaysia (SAMM), Certification Body Scheme (ACB), Malaysian Inspection Body Accreditation Scheme (MIBAS), Proficiency Testing Provider Accreditation Scheme (MyPTP) was organised a joint forum from 17<sup>th</sup> to 18<sup>th</sup> October 2023.

YBrs Mr. Shaharul Sadri Alwi, Director General of JSM has officiated the forum on 18<sup>th</sup> October 2023 at Dorsett Hotel, Putrajaya. A total of 132 assessors who are experts in various fields relating to accreditation activities have attended this forum.

The main purpose of this forum was to get feedback from assessors regarding the accreditation activities carried out by JSM. In addition, it aimed to provide the latest information regarding policies and procedures related to accreditation activities.



During this forum, JSM invited a few speakers to update on the latest acts and regulations as well as information relevant to the assessors as follows:

SPEAKER	TITLE	DATE
Ms. Fariza Wan Abdullah	Briefing on the implementation of ISO 15189:2022	17 <sup>th</sup> October 2023
Mr. Wan Jaziila Wan Hassan	Briefing on the latest amendments to Occupational Safety and Health Act 1994 (Act514)	18 <sup>th</sup> October 2023
ChM Pua Hiang	Knowledge Sharing: Assessing Chemical Testing Laboratories.	18 <sup>th</sup> October 2023
Mr. Ng Chin Soo	Knowledge Sharing: Assessing:- a) Electrical Testing Laboratories b) Calibration Laboratories	18 <sup>th</sup> October 2023
Dr. Afidah Hj Abu Bakar	Knowledge Sharing: Assessing Mechanical Laboratories	18 <sup>th</sup> October 2023
Mr. Harun Ahmad	Knowledge Sharing: Assessing Microbiology Testing Laboratories	18 <sup>th</sup> October 2023
Prof. Dr. Zunita Zakaria	Knowledge Sharing: Assessing Veterinary Testing Laboratories	18 <sup>th</sup> October 2023
Mr. Darmarisyanto Alias	Revised Transition Plan for the use of MSPO Standard (MS 2530:2022 Series) – Malaysian Palm Oil Certification Council (MPOCC)	18 <sup>th</sup> October 2023

## Accreditation Certificate Ceremony

### Nusantara Technologies Sdn. Bhd.

The MS ISO/IEC 17020:2012 Accreditation Certificate presentation ceremony for NDT Division, Nusantara Technologies Sdn. Bhd. (NUSATEK) as an inspection body under the Malaysia Inspection Body Accreditation Scheme (MIBAS) was held on 18<sup>th</sup> May 2023.

The certificate was passed by Mr. Hussalmizzar bin Hussain, Senior Director of JSM to Prof. Adjunct Dato' Dr. Mohamed Ghazali, Executive Chairman of NUSATEK.

### Hydromechanical Testing Laboratory, Bahagian Perkhidmatan Mekanikal dan Elektrikal, Jabatan Pengairan dan Saliran Malaysia (JPS)

The presentation session of the MS ISO/IEC 17025:2017 Accreditation Certificate under the Skim Akreditasi Makmal Malaysia (SAMM) to the Hydromechanical Testing Laboratory, Mechanical and Electrical Services Division, Department of Irrigation and Drainage (JPS) was held on 9<sup>th</sup> June 2023.

YBrs. Mr. Shaharul Sadri bin Alwi, Director General, JSM presented the certificate to YBhg Dato' Ir. Sabri bin Abdul Mulok, Deputy Director General (Business Sector), JPS Malaysia. The ceremony was officiated by YBhg. Dato' Hj Rosli bin Isa, Secretary General, Ministry of Natural Resources, Environment and Climate Change (NRECC).

### Proton Test Center, Perusahaan Otomobil Nasional Sdn. Bhd.

YBrs En. Shaharul Sadri Alwi, Director General of JSM presented the accreditation certificate (SAMM 1119) to Proton Test Centre, Shah Alam, represented by Mr. Hazrin Fazail Haroon (Director of R&D, Proton) on 25<sup>th</sup> August 2023.

Proton Test Center was established on 20<sup>th</sup> July 2020 and mainly conducts mechanical testing and calibration. The accreditation received is an important element of the collaboration between Proton-Geely in component development that further ensures that Proton products comply with the quality requirements set by Geely.

Also present at the event was Tn. Mr. Abdul Wahab Long (Head of PTC), Mr. Azmihan Arifin (Laboratory Quality Manager), Proton R&D Managers from Proton Test Center, and JSM officers.

### Department of Pathology, Hospital of Sultan Ismail (HSI)

On 5<sup>th</sup> September 2023, YBrs. Mr. Shaharul Sadri bin Alwi (Director General of JSM) presented the accreditation certificate (SAMM 1110) to the Department of Pathology, Hospital Sultan Ismail (HSI), Johor, represented by Dr. Surya Marsom (Deputy Director (Medical 1) and witnessed by Dr. Khairul Rizal Othman (Deputy Director of Johor State Health) and Dr. Khadijah Dawam, Head Department of Pathology, HSI.

The Department of Pathology, HSI plays an important role in conducting laboratory tests to assist medical practitioners in disease diagnosis for health care and disease control. There are five laboratories under the Department of Pathology of HSI which includes the chemical pathology, medical microbiology, haematology, anatomical pathology and Transfusion Medicine Unit laboratories.

Accreditation of the Department of Pathology, HSI has had a great impact on improving its service quality, further ensuring satisfactory patient care.

### Construction Industry Development Board (CIDB)

The MS ISO/IEC 17024:2012 Accreditation Certificate handover ceremony for Construction Industry Development Board (CIDB) was held at the JSM Office on 15<sup>th</sup> September 2023. The certificate was presented by Mr. Shaharul Sadri Bin Alwi, Director General of JSM, to YBhg. Dato' Sr. Mohd Zaid Zakaria, Chief Executive of CIDB Malaysia. This certification accreditation was given in relation to the field of welding.

Meanwhile on 16<sup>th</sup> November 2023, CIDB again obtained the accreditation for the field of Welding, Non-Destructive Testing, Blasting & Painting during International Construction Week (ICW) 2023 at MITEC, Kuala Lumpur.

With the recognition of the MS ISO/IEC 17024:2012 certificate, this will give added value to the personnel certification of the Construction Skills Competency Certificate (SKKP) in the fields of Welding, Non-Destructive Testing, Blasting & Painting at the international level and all activities related to the certification process that have been aligned with the requirements of MS ISO/IEC 17024:2012.

With the accreditation certificate, individuals who have a Construction Skills Competency Certificate (SKKP) in the fields of Welding, Non-Destructive Testing, Blasting & Painting will be recognized at an international level.

### Makmal Penyiasatan Kebakaran, Jabatan Bomba dan Penyelamat Malaysia (JBPM)

On 28<sup>th</sup> December 2023, the presentation session of the MS ISO/IEC 17025:2017 Accreditation Certificate under the Skim Akreditasi Makmal Malaysia (SAMM) to the JBPM Fire Investigation Laboratory for the field of Forensic Science was organized.

YBrs. Mr. Shaharul Sadri bin Alwi, Director General of JSM presented the certificate to YAS Dato' Sri Ts. Mohammad Hamdan bin Hj. Wahid, Director General of the Fire and Rescue Department of Malaysia (JBPM) in conjunction with the 2023 JBPM Annual Parade. The event was also attended by Mr. Wan Rukiman bin Wan Mamat (Director of Accreditation), Mr. Syed Ridhwan bin Syed Arif Shah, Mr. Ahmad Razif bin Abd Rahim, and Ms. Nur Aqilah binti Kamarudin.

The test offered is "Identification of Ignitable Liquid Residues (ILR) in Fire Debris Samples using GC-MS", which will help the Fire Investigation Officer (F.I.O) in their investigations to determine the cause of fire occurrences. This accreditation can help the laboratory improve the quality of testing report preparations.

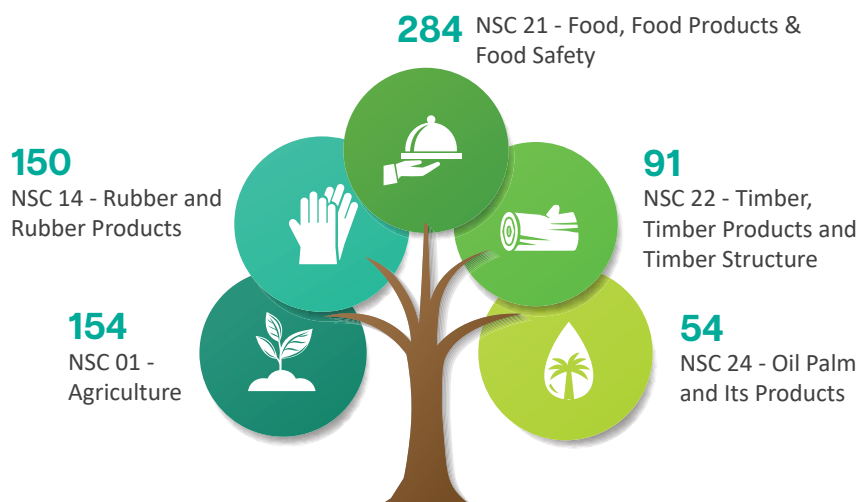




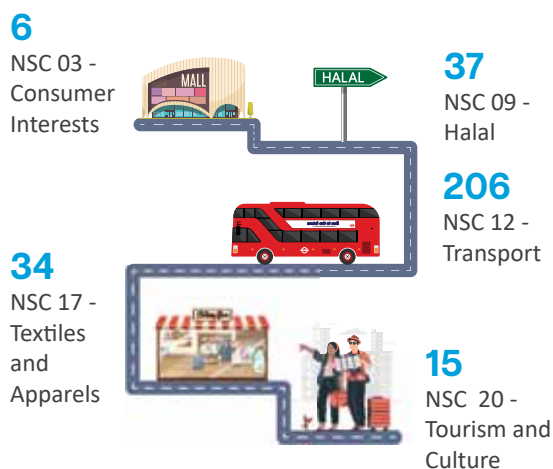
***FIGURES &  
STATISTICS***

## Number of Malaysian Standards (MS) Developed by Sectors

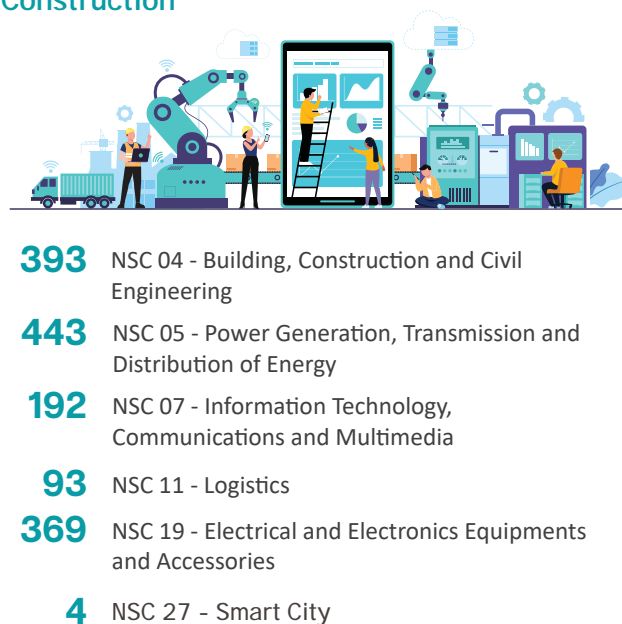
### Agriculture, Food and Commodities



### Halal, Lifestyle and Transport



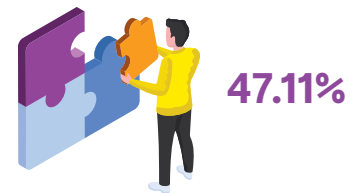
### Electrotechnical, ICT and Construction



### Material, Industrial and Engineering



### Alignment to International Standards



### Identical to International Standards



### Business Management and Occupational Safety



### Cumulative MS Developed



### Mandatory Standards



### Number of Committees and Experts in Standardisation

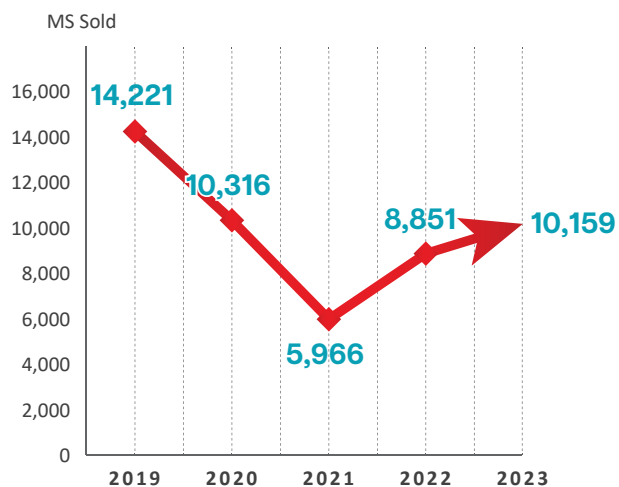
**7,749**  
Experts



**401**  
Committees



### Copies of MS Sold from 2019 to 2023



### Copies of MS Sold



### Types of MS Sold

**3,825**  
Hardcopies

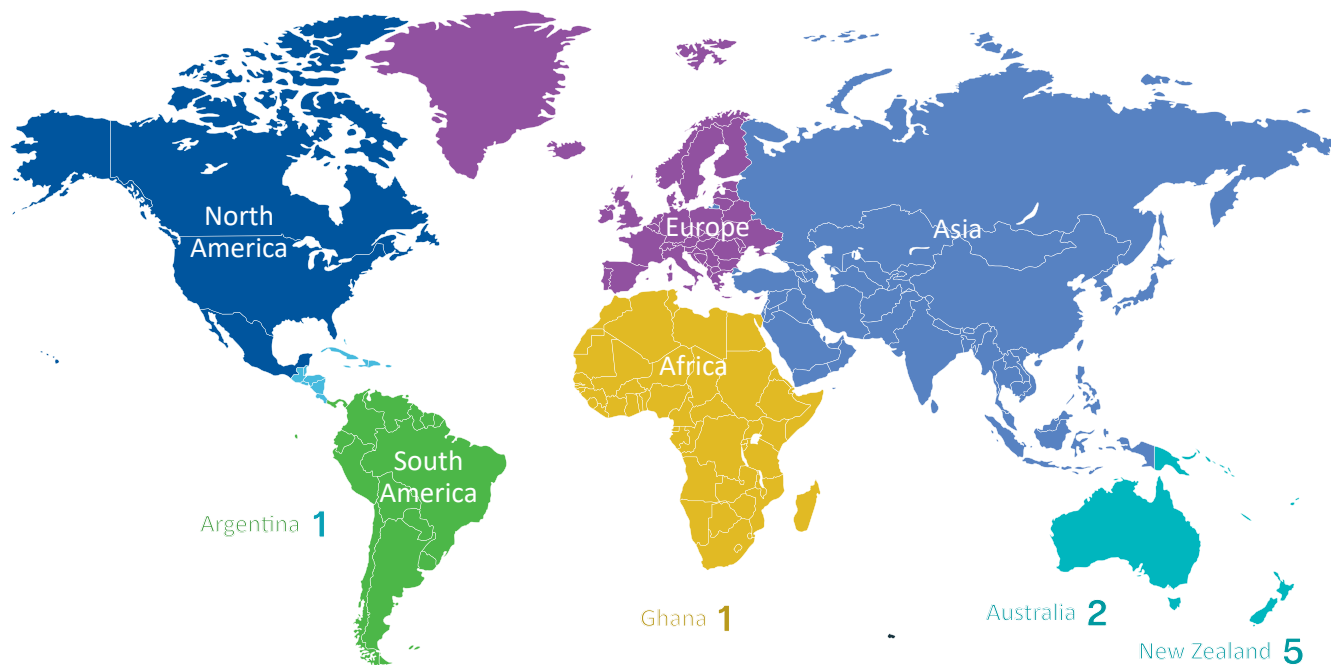


**6334**  
Softcopies



## Copies of MS Sold to Foreign Buyers

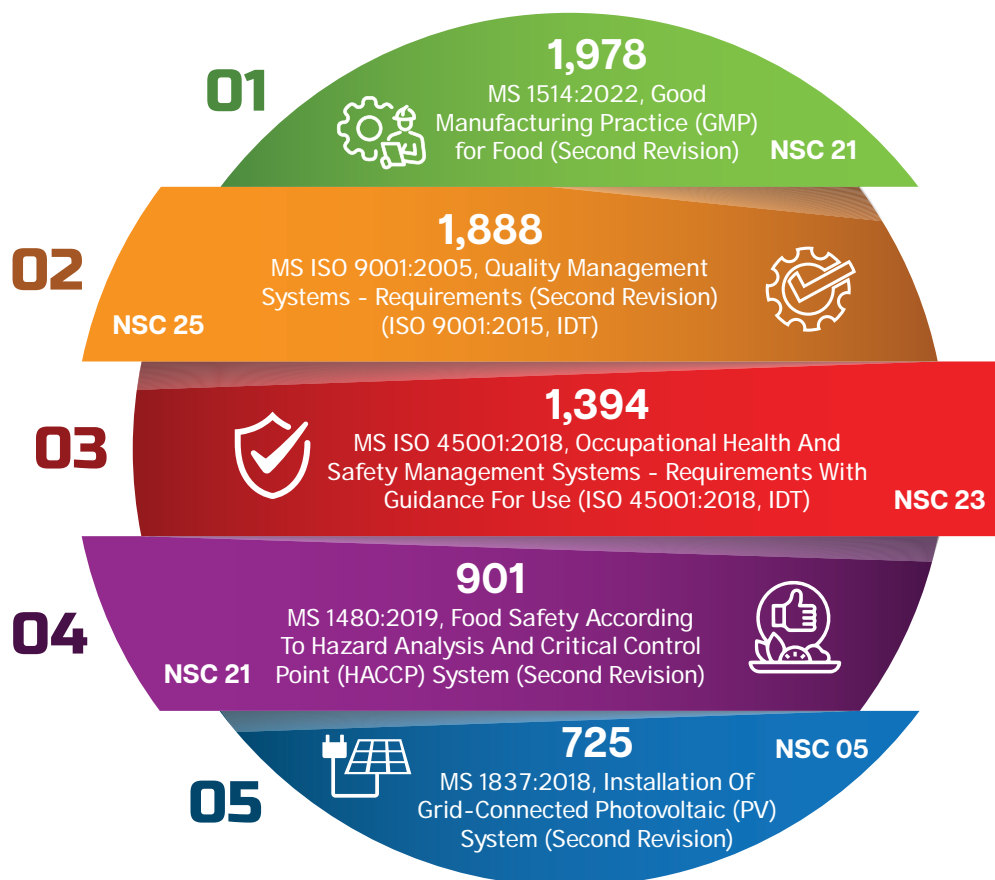
Czech Republic	1	Netherland	5	Brunei	1	Hong Kong	7
United Kingdom	15	Portugal	1	China	5	Korea Selatan	4
Germany	2	Sepanyol	1	United Arab Emirates	18	Singapore	42
Greece	1	Switzerland	1	India	9	Sri Lanka	1
Ireland	1	Turkiye	2	Indonesia	18	Taiwan	5
United States of America	1	Italy	6	Japan	9	Thailand	9
						Vietnam	5



## Copies of MS Sold to Foreign Buyers by Sectors

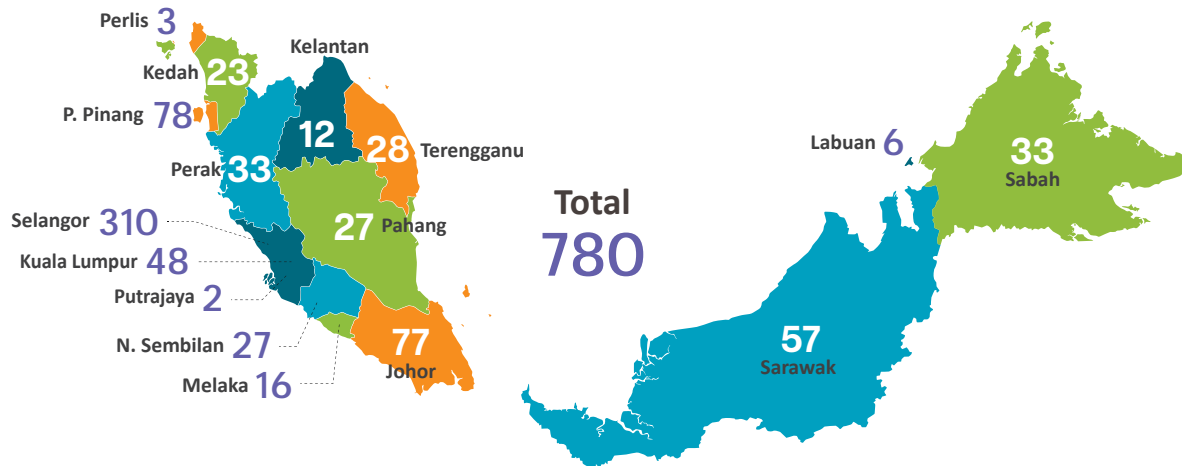


## Top 5 of MS Sold by Sectors

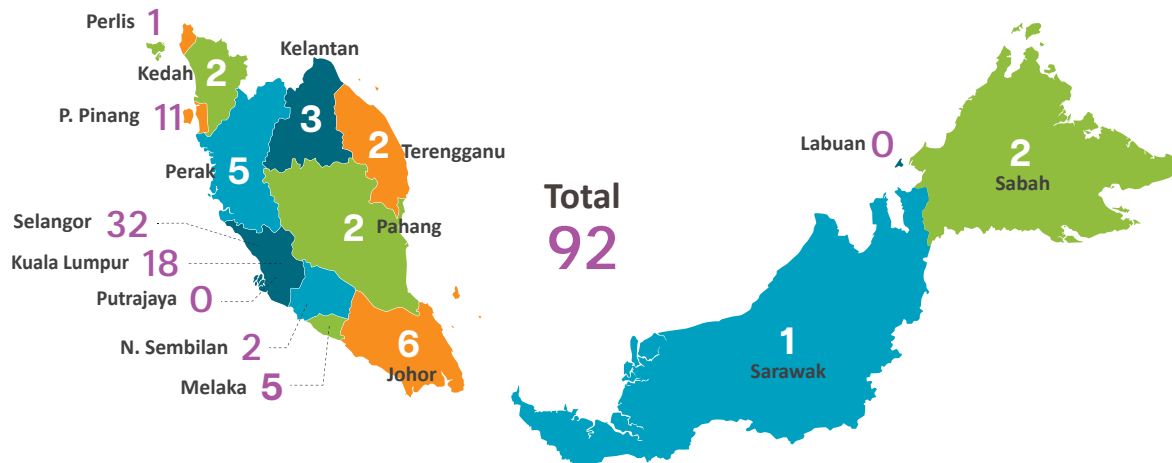


## Accredited Laboratories by States

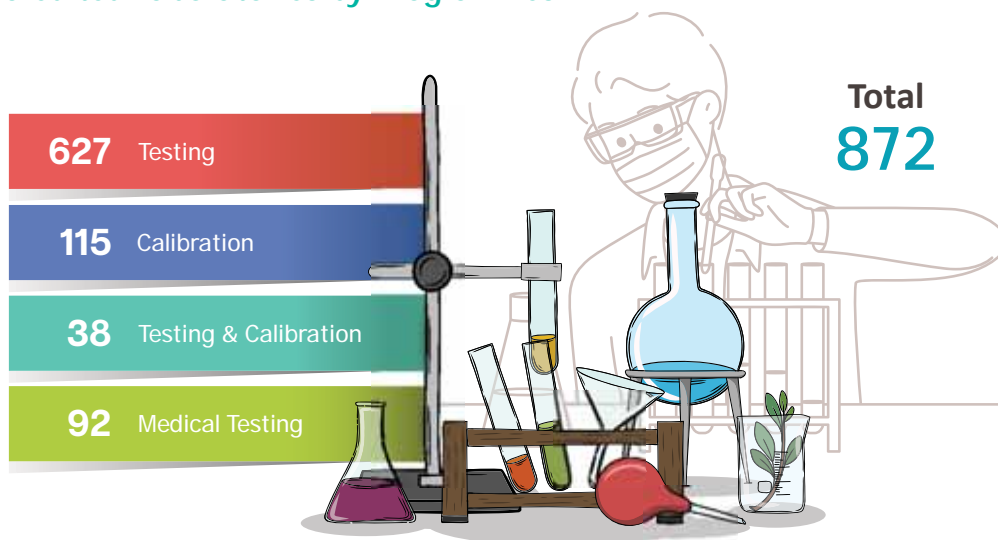
### SAMM Calibration & Testing Laboratories



### SAMM Medical Testing Laboratories

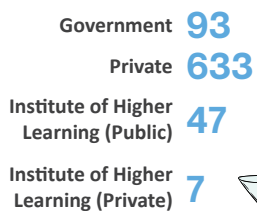


## Number of Accredited Laboratories by Programmes



## Number of Accredited Laboratories by Sectors

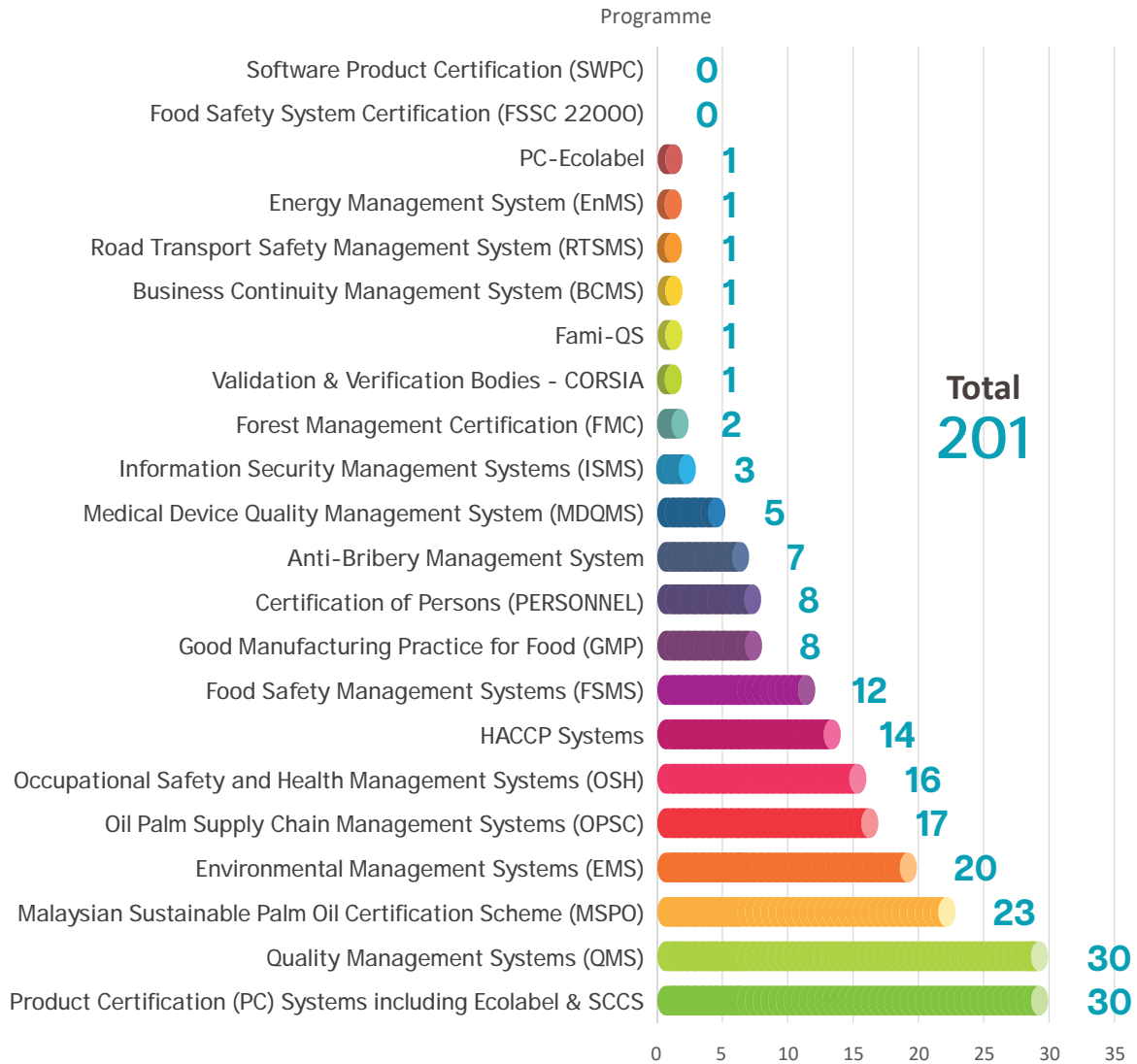
### SAMM Calibration & Testing Laboratories



### SAMM Medical Testing Laboratories



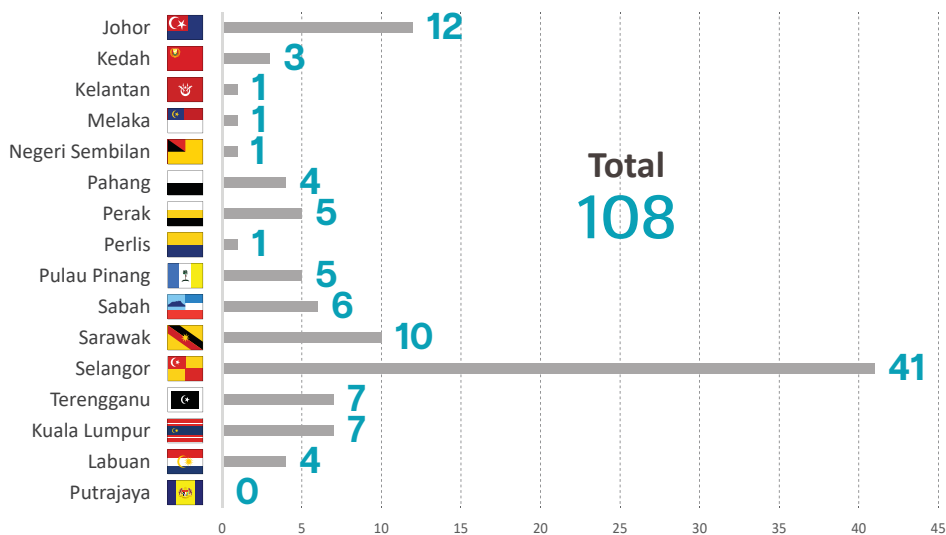
## Number of Accredited Certification Bodies by Programmes



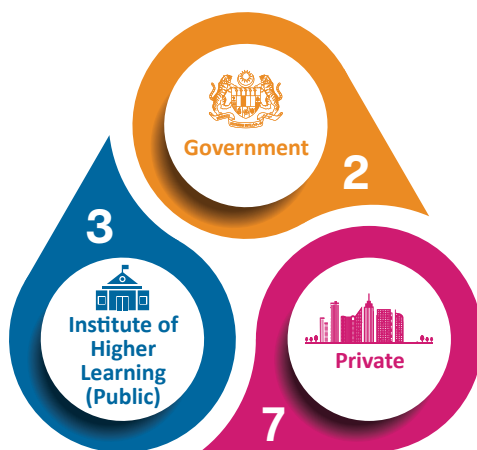
### Number of Accredited Inspection Bodies by Fields



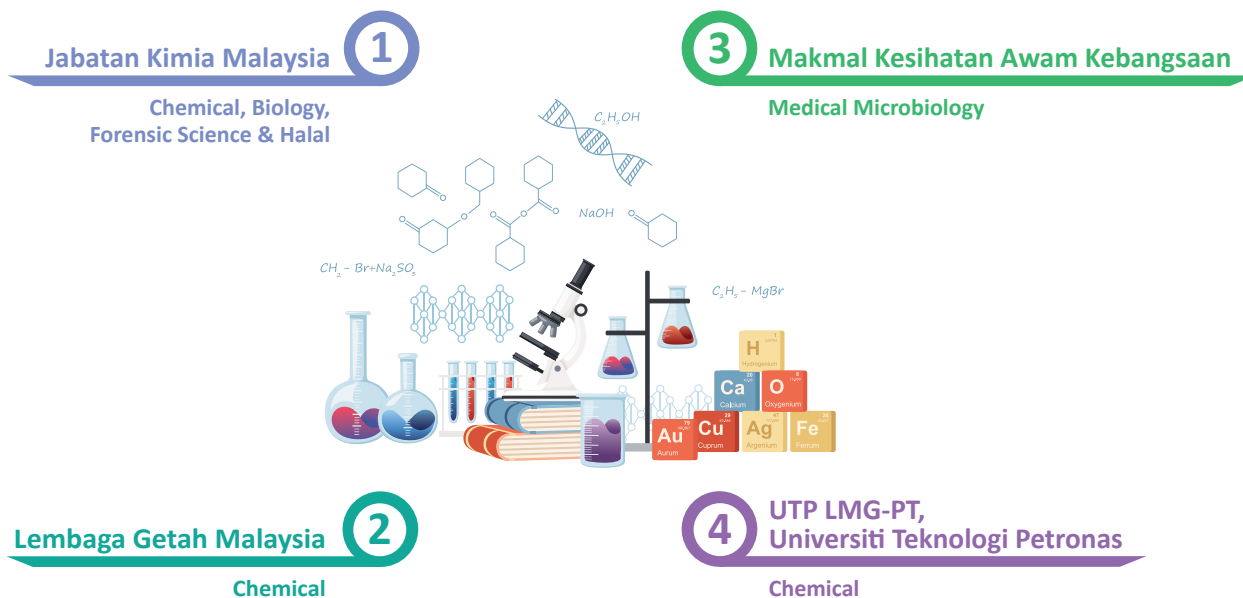
### Number of Accredited Inspection Bodies



## Number of GLP Compliant Test Facilities by Sectors



## Number of Accredited Proficiency Testing Providers



## Number of New Accredited Conformity Assessment Bodies

