



MINISTRY OF INVESTMENT, TRADE AND INDUSTRY
DEPARTMENT OF STANDARDS MALAYSIA

ANNUAL REPORT 2025



YOUR STRATEGIC PARTNER
IN QUALITY ASSURANCE & COMPLIANCE

ANNUAL REPORT 2025



**YOUR STRATEGIC PARTNER
IN QUALITY ASSURANCE & COMPLIANCE**

TABLE OF CONTENTS

OPENING THE STORY	4
FOREWORD	5
EXECUTIVE OVERVIEW	6
THIRTY YEARS OF TRUST, TODAY'S FOUNDATION FOR TOMORROW'S MALAYSIA	8

Key Strategic Initiatives and Achievements 2025	9
3.1 Regional and International Engagement for Trade Facilitation and Market Confidence	10
Regional Leadership in Standards and Quality Cooperation: 63 rd ACCSQ Meeting	11
Advancing Islamic Standards Cooperation: 14 th SMIIC Technical Committee (TC) Week, Kuala Lumpur	13
International Outreach and Market Confidence: Malaysia Pavilion, Expo 2025 Osaka	14
Enhancing Quality Infrastructure and Trade Facilitation: Asia-Pacific Economic Cooperation Sub-Committee on Standards and Conformance (APEC SCSC) Meetings and Related Events	15
3.2 Driving Industry Competitiveness, Digital Governance, and Sustainability	16
Empowering Malaysian MSMEs and Women Entrepreneurs:	
Workshop for MSMEs on Standards and Conformance	17
Strengthening Industry Capability: ESCAPE Programme	17
Promoting Digital Economy Governance: MS 2754 Sharing Economy Standards	19
Supporting Sustainable Mobility: MS 2818 Battery Passport for Electrified Vehicles	20
Advancing Industry Excellence	20
3.3 Elevating Accreditation and Conformity Assessment Ecosystem	21
Strategic Leadership in International Halal Accreditation Governance: SMIIC Accreditation Council	21
Maintaining Global Accreditation Standing: APAC MRA Re-evaluation and Scope Expansion	22
High-Impact Regional Leadership Initiatives: APAC Training and Evaluator Workshop	23
Linking Accreditation to Economic Growth and Trade Facilitation	23
Driving Excellence in Public Health: PHLAS Accreditation for Kota Samarahan	24
3.4 Empowering Communities Through Standards & Social Responsibility	25
Strategic Grassroots Leadership: The Santuni MADANI Initiative	25
Revitalising Rural Infrastructure: The Kampung Angkat MADANI Legacy	26
Cultivating Future Generations: The Sekolah Angkat MADANI Partnership	27
A Legacy of Empowerment	28

Outlook 2026: Standardisation and Accreditation Anchoring Economic Resilience Amid Global Uncertainty	30
Standardisation: Agile, Impactful, and Collaborative	31
Accreditation: Trust, Recognition, and Intelligence	32
Empowering the Backbone of the Economy (MSMEs)	33
The Strategic Path Forward	33

FIGURES AND STATISTICS 35

STANDARDISATION	36
New Malaysian Standards (MS) Developed by Sectors	34
List of New MS Developed in 2025	37
Cumulative Malaysian Standards (MS) Developed by Sectors	39
Number of Committees and Experts in Standardisation	40
Copies of MS Sold by Month	41
Copies of MS Sold to Foreign Buyers by Sectors	42
Top 5 of MS Sold by Sectors	43

ACCREDITATION	44
Accredited Laboratories by State	44
Number of Accredited Laboratories by Programme	45
Number of Accredited Laboratories by Field	45
Number of Accredited Certification Bodies by Programme	46
Number of Accredited Inspection Bodies by Field	47
Number of Good Laboratory Practice	47
Number of Accredited Proficiency Testing Providers	48
Number of New Accredited Conformity Assessment Bodies	49

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 dan environmental well-being.

AT A GLANCE

Governed by the Standards of Malaysia Act 1996 (Act 549),
Department of Standards Malaysia (JSM)
is an agency under Ministry of Investment, Trade dan Industry (MITI),
established on 28th 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



DIRECTOR-GENERAL
SEE CHEE KONG



SENIOR DIRECTOR OF STANDARDISATION
HUSSALMIZZAR BIN HUSSAIN

**DIRECTOR OF
ACCREDITATION**
**WAN RUKIMAN
BIN WAN MAMAT**



**DIRECTOR OF
STRATEGIC PLANNING**
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**DIRECTOR OF
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2. Ministry of Agriculture and Food Security (KPKM)
3. Ministry of Health (KKM)
4. Ministry of Economy (KE)
5. Ministry of Entrepreneur Development and Cooperatives (KUSKOP)
6. Ministry of Natural Resources and Environmental Sustainability (NRES)
7. Ministry of Domestic Trade and Cost of Living (KPDN)
8. Ministry of Works (KKR)
9. Ministry of International Trade, Industry and Investment Sarawak (MINTRED SARAWAK)
10. Ministry of Industrial Development and Entrepreneurship Sabah (MIDE SABAH)
11. Energy Commission (ST)
12. SIRIM Berhad
13. Malaysian Service Providers Confederation (MSPC)
14. Malaysian Industry-Government Group for High Technology (MIGHT)
15. National Metrology Institute of Malaysia (NMIM)
16. Federation of Malaysian Manufacturers (FMM)
17. Malaysia Digital Economy Corporation (MDEC)
18. Federation of Malaysian Consumers Associations (FOMCA)

OPENING THE STORY

Building Trust in an Evolving World

In an increasingly interconnected and unpredictable world, trust has become one of the most valuable foundations of economic resilience. Behind every reliable product, recognised certification, safe infrastructure, and competitive industry lies a strong quality ecosystem. One that ensures confidence, consistency, safety, and global acceptance.

Governed by the Standards of Malaysia Act 1996 [Act 549], the Department of Standards Malaysia (JSM) is an agency under the Ministry of Investment, Trade and Industry (MITI), established on 28th August 1996.

JSM serves as Malaysia's National Standards and Accreditation Body, responsible for developing and promoting Malaysian Standards (MS), as well as providing accreditation services to conformity assessment bodies including laboratories, certification bodies, and inspection bodies.

Through standardisation and accreditation activities, JSM plays a strategic role in supporting industry development, facilitating trade, and strengthening Malaysia's economic growth and global competitiveness.

FOREWORD

Building Confidence Through Quality and Innovation

Throughout 2025, JSM continued to strengthen Malaysia's quality infrastructure amidst an increasingly dynamic global environment shaped by digital transformation, sustainability priorities, and evolving trade landscapes. Guided by the aspirations of the MADANI framework and aligned with the strategic direction of the 13th Malaysia Plan, JSM remained committed to ensuring that Malaysia's standards and accreditation ecosystem remains resilient, globally recognised, and responsive to emerging challenges.

As industries continue to adapt to rapid technological and economic change, JSM intensified efforts to position standards and accreditation as strategic enablers of operational excellence, innovation, and competitiveness. Through initiatives such as the Standards Compliance Stewardship Programme for Enterprises (ESCAPE), enterprises particularly Micro, Small and Medium Enterprises (MSMEs) were supported in strengthening governance practices, improving operational capabilities, and enhancing certification readiness. Complementing these efforts, findings from the nationwide Study on the Use of Standards and Compliance in Malaysia further reaffirmed the measurable contribution of standards towards productivity growth, export performance, and national economic development.

At the regional and international front, Malaysia's active participation in standards and accreditation cooperation continued to strengthen confidence in the nation's conformity assessment ecosystem. Engagements across ASEAN, OIC, APEC, ILAC, IAF and

other international platforms enhanced regulatory coherence, reduced technical barriers to trade, and reinforced international recognition of Malaysia's test reports, certifications, and accreditation systems. In parallel, JSM continued to advance standards development in emerging areas such as digital governance, sustainable mobility, and future-focused industries in support of responsible innovation and sustainable economic transformation.

As JSM approaches its 30th Anniversary in 2026, we reflect with pride on three decades of strengthening Malaysia's quality ecosystem and supporting the nation's development journey. Yet, our focus remains firmly on the future. The next chapter will require greater agility, stronger collaboration, and deeper global integration to ensure Malaysia remains resilient and competitive in an increasingly complex world. I extend my sincere appreciation to our stakeholders, industry partners, technical committees, and dedicated officers whose commitment and professionalism continue to drive JSM's progress. Together, we will continue building a trusted quality infrastructure that empowers industries, strengthens confidence, and advances Malaysia's sustainable, inclusive, and resilient growth for generations to come.

With sincere appreciation,

SEE CHEE KONG
DIRECTOR-GENERAL JSM

EXECUTIVE OVERVIEW

Strengthening Malaysia's Quality Future

The Business Plan 2025 outlines JSM's strategic direction, core priorities, and key initiatives in advancing Malaysia's quality infrastructure and reinforcing its role as a trusted national institution under the Ministry of Investment, Trade and Industry (MITI). Guided by the aspirations of the MADANI framework and aligned with national industrial and trade priorities, the Plan positions standardisation and accreditation as strategic instruments that support productivity, facilitate trade, and strengthen Malaysia's economic competitiveness.

Throughout 2025, JSM continued to strengthen international confidence in Malaysian Standards and accreditation systems through active leadership and engagement across regional and global platforms. Through regulatory alignment, mutual recognition arrangements, and technical harmonisation initiatives, JSM contributed towards reducing technical barriers to trade while enhancing Malaysia's position within the global quality ecosystem.

Recognising the growing importance of emerging and high-impact sectors, JSM also intensified efforts to support future-focused industries including digital economy ecosystems, sustainability-driven sectors, and advanced technologies. Through forward-looking standards development, strengthened conformity assessment frameworks, and targeted capacity-building initiatives, JSM continued to ensure industries remain agile, innovative, and resilient in an increasingly complex operating environment.

In parallel, JSM remained committed to delivering broader socio-economic impact through industry facilitation programmes, outreach initiatives, and community engagement efforts that promote greater awareness and adoption of standards particularly among Micro, Small and Medium Enterprises (MSMEs). Collectively, the Business Plan 2025 reflects JSM's continued commitment to strengthening trust, advancing quality, and supporting Malaysia's aspiration towards a sustainable, inclusive, and future-ready economy.

THIRTY YEARS OF TRUST

Today's Foundation for Tomorrow's Malaysia



YOUR STRATEGIC PARTNER IN QUALITY ASSURANCE & COMPLIANCE

JSM commemorates its 30th Anniversary in 2026, we reflect with pride on three decades of strengthening Malaysia's quality infrastructure through internationally recognised standards, accreditation, and conformity assessment systems. Over the years, JSM has grown into a trusted national institution, supporting good governance, strengthening market confidence, facilitating trade, and enabling industries particularly Micro, Small and Medium Enterprises (MSMEs) to compete effectively in regional and global markets.

Looking ahead, JSM remains committed to supporting the aspirations of the MADANI framework and the strategic direction of the 13th Malaysia Plan by strengthening regulatory trust, advancing digital and green transformation, and building a future-ready quality ecosystem that supports sustainable, inclusive, and resilient economic growth.

As industries and economies continue to evolve amidst rapid technological advancement and global uncertainty, JSM will continue to strengthen collaboration, enhance international recognition, and promote standards and accreditation as strategic enablers of competitiveness, innovation, and long-term national resilience. Guided by three decades of experience and trust, JSM remains committed to supporting Malaysia's journey towards a sustainable, high-value, and globally competitive future.

KEY STRATEGIC INITIATIVES AND ACHIEVEMENTS 2025

3.1 REGIONAL AND INTERNATIONAL ENGAGEMENT FOR TRADE FACILITATION AND MARKET CONFIDENCE

Preamble

Aligned with Malaysia's aspiration to strengthen its role in regional and international economic cooperation, JSM continued to advance regulatory alignment, standards cooperation, and conformity assessment recognition across key multilateral platforms. These efforts strengthen Malaysia's credibility within the global quality infrastructure ecosystem, support trade facilitation and contribute towards reducing technical barriers to trade, in line with the national development priorities and the internationalisation agenda of the Ministry of Investment, Trade and Industry (MITI).

In 2025, Malaysia assumed the ASEAN Chairmanship under the theme "Inclusivity and Sustainability", reflecting the region's shared commitment towards equitable growth, deeper regional integration, and a future-ready ASEAN. Within this context, JSM played a strategic role in advancing standards and accreditation cooperation, positioning these as important enablers of regional connectivity, industry competitiveness, and sustainable development.



ISO Annual
Meeting 2025

6-10 Oct
Kigali

United for
impact

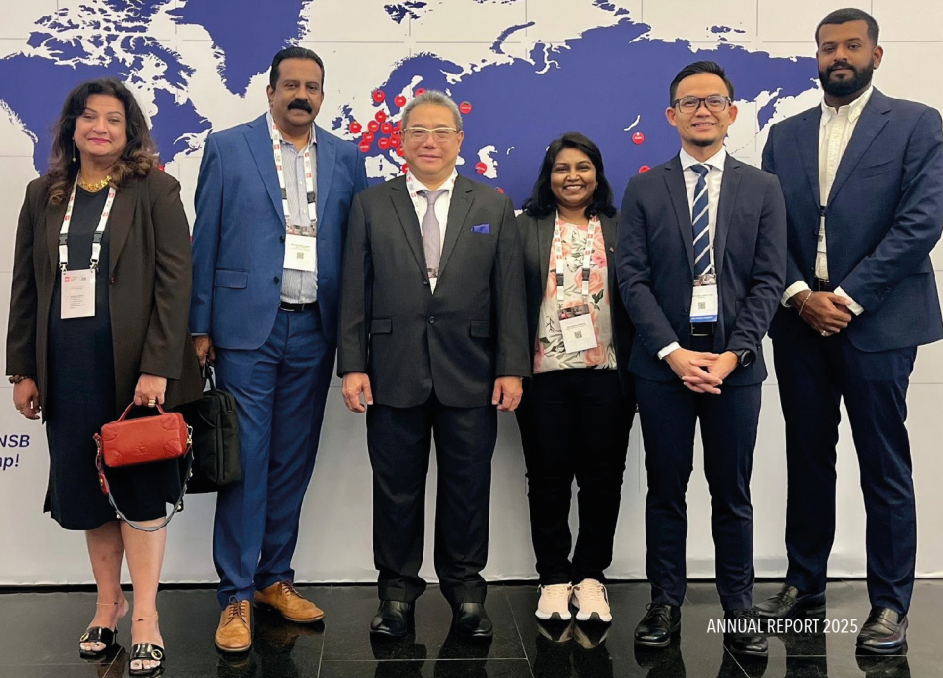


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Regional Leadership: Malaysia as the Chair of the ASEAN Consultative Committee for Standards and Quality (ACCSQ) 2025-2026

While Malaysia chairs ASEAN in 2025, concurrently, JSM embarks on its regional leadership journey as the Chair of ACCSQ for 2025-2026. The ACCSQ aims to facilitate and enhance ASEAN Economic Integration by removing unnecessary technical barriers to trade (TBT) posed by standards, technical regulations and conformity assessment procedures.

Malaysia through JSM presided over the 63rd and 64th ACCSQ Meetings. JSM took the initiative to host the 63rd ACCSQ Meeting on 30th June - 4th July 2025 in Langkawi, Kedah while the 64th ACCSQ Meeting was conducted online.

During its Chairmanship, JSM leads and steers the deliberations of significant milestones at the ASEAN level such as:

- Endorsement of the ACCSQ Sectoral Plan 2026-2030 which outlines the measures to achieve the ASEAN Community Vision 2045;
- Development of the work plan for Timor-Leste's accession to ASEAN Economic Agreements as the 11th ASEAN member;
- Completion of the 2025 Priority Economic Deliverables proposed by Malaysia which is Development of Policy Recommendation and Guidelines to Support ASEAN Electric Vehicle Implementation Roadmap; and
- Completion of the 2025 Annual Priority Deliverables which is the ASEAN Foresighting Framework (AFF) Policy Paper. The AFF is envisioned to provide a systematic approach to early identification of trending areas and technologies relevant to ASEAN identification and of future areas of harmonisation in ASEAN that support sustainable development.

Under the purview of ACCSQ, Malaysia expresses its commitment in ensuring effective implementation of ASEAN trade facilitation initiatives under the scope of TBT by completing the submission of legal instruments for all eight (8) Mutual Recognition Arrangements / Agreements (MRAs). This can only be achieved through a collaborative synergy among the lead Ministry, regulatory authorities and stakeholders. For industries, the MRAs provide benefits in assisting to comply with the regulatory requirements and accelerating product time-to-market.

As the ACCSQ Chair, JSM shoulders the responsibility in championing ACCSQ's interest in multiple ASEAN Sectoral Bodies' platforms such as the Economic Officials of Permanent Missions of ASEAN Member States to ASEAN (EO), Project Steering Committee under the Technical Assistance Facility to the Green Team Europe Initiative in partnership with ASEAN Economic Community and Regional Workshop on the ASEAN Connectivity Strategic Plan Monitoring and Evaluation Operational Guide. Through such participations, JSM's expertise plays an impactful role in:

- Finalisation of an Annual Priority Deliverable on the development of a Guidance Document;
- Development of the Operational Guide; and
- Promoting activities that are implemented under the ACCSQ across various sectors.

It is JSM's effort in materialising one of our strategies - to strengthen institutional knowledge and competence on TBT through active participation at national, regional and international platforms.





Advancing Islamic Standards Cooperation: 14th SMIIC Technical Committee (TC) Week, Kuala Lumpur

JSM, in collaboration with the Standards and Metrology Institute for Islamic Countries (SMIIC), hosted the 14th SMIIC TC Week in Kuala Lumpur from 22nd –26th September 2025, marking the first time the event was held outside Istanbul, Türkiye. The week-long programme convened 17 Technical Committees, including nine (9) focused on halal-related sectors such as food, pharmaceuticals, cosmetics, logistics, and tourism. Through active participation, Malaysia contributed to the development and harmonisation of international standards, enhancing the global acceptance of local products and facilitating international market access. Complementary activities included a Welcoming Dinner and technical visits to leading pharmaceutical and logistics companies, reinforcing Malaysia's strategic visibility and leadership within the OIC standards ecosystem.

International Outreach and Market Confidence: Malaysia Pavilion, Expo 2025 Osaka

As part of Malaysia's participation in Expo 2025 Osaka, JSM leveraged the Malaysia Pavilion to showcase the National Accreditation System, aligned with ISO/IEC 17011. Through Pocket Talk sessions, international stakeholders gained insights into Malaysia's commitment to impartial, credible, and internationally recognised accreditation practices. The initiative strengthened global confidence in Malaysian test reports and calibration certificates, supported the Mutual Recognition Arrangements (MRA) under ILAC and APAC, reduced technical trade barriers, and enhanced Malaysia's positioning as a reliable partner in international trade and quality infrastructure.





Enhancing Quality Infrastructure and Trade Facilitation: Asia-Pacific Economic Cooperation Sub-Committee on Standards and Conformance (APEC SCSC) Meetings and Related Events

In 2025, the Republic of Korea hosted and chaired the Asia-Pacific Economic Cooperation (APEC). As Malaysia's focal point to the APEC Sub-Committee on Standards and Conformance (SCSC), JSM participated in both SCSC meetings held in Gyeongju and Incheon. During the first meeting, JSM advanced Malaysia's AI agenda by promoting the National AI Roadmap (AI-Rmap), the AI Governance and Ethics (AIGE) guidelines and the National AI Office (NAIO), while also showcasing its capacity-building initiatives, including the Young and Next-Generation Professionals programmes, Education on Standards (EAS) for students, and participation in the International Standards Olympiad. At the second meeting, Malaysia presented progress on the APEC project "Best Practices of Quality Infrastructure (QI) in APEC Economies," which is on track to deliver a regional conference and a compendium of best practices by mid-2026. JSM also engaged in related workshops and conferences covering digital standards, FTAs, higher education in standardisation, circular economy quality infrastructure, the AI Standards Conference and the 18th Conference on Good Regulatory Practice (GRP 18), reinforcing Malaysia's active leadership in regional standards and conformance cooperation.



3.2 DRIVING INDUSTRY COMPETITIVENESS, DIGITAL GOVERNANCE, AND SUSTAINABILITY

Preamble

In a rapidly evolving industrial landscape, standards continue to play an important role in driving competitiveness, innovation, and sustainable growth. Recognising this, JSM continues to strengthen its role in supporting Malaysian industries particularly Micro, Small and Medium Enterprises (MSMEs) in adopting, implementing, and benefiting from internationally recognised standards.

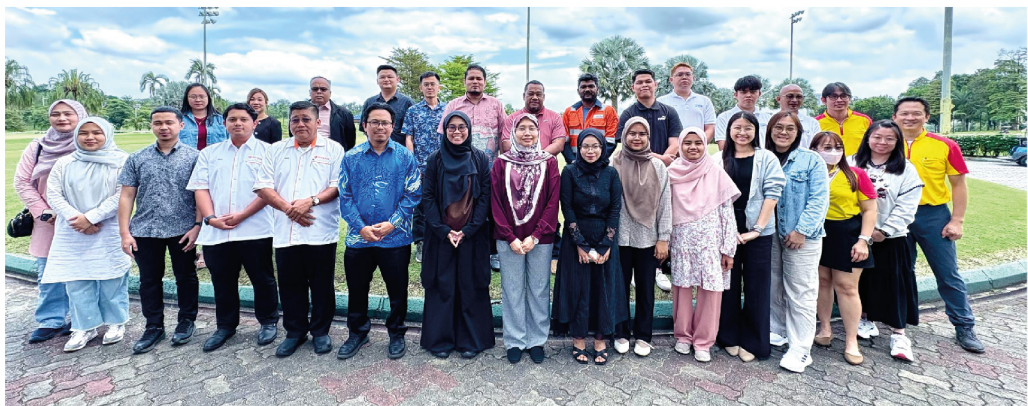
These initiatives are aligned with national efforts to enhance trade, attract investment, and support inclusive economic growth, while reinforcing Malaysia's position as a trusted hub for innovation, digital governance, and sustainable industry practices.



Empowering Malaysian MSMEs and Women Entrepreneurs: Workshop for MSMEs on Standards and Conformance

JSM supports the national agenda in the 12th Malaysia Plan specifically Micro, Small and Medium-Sized Enterprises (MSMEs) transformation and leverages the collaboration platform at the ASEAN level by organising the Workshop for MSMEs on Standards and Conformance to Strengthen Participation in National Economies: Malaysia on 19th-20th November 2025 in Putrajaya. In collaboration with the British Standards Institution (BSI) under the ASEAN-UK Economic Integration Programme (EIP), the workshop was an initiative proposed by JSM in conjunction with the ASEAN-Malaysia Chairmanship 2025 and ACCSQ-Malaysia Chairmanship 2025-2026. It was implemented under the Regulatory Reform Pillar-Standards and National Quality Infrastructure (NQI) Workstream. The programme aimed to strengthen the capacity of Malaysian MSMEs and women entrepreneurs by enhancing their awareness and understanding of standards, conformity assessment and regulatory requirements, particularly in the food sector.

The two-day workshop brought together more than 53 MSMEs, women entrepreneurs and government agencies to enhance knowledge on food safety regulations, certification systems, export requirements and ASEAN MRAs. The programme strengthened awareness of the National Quality Infrastructure, promoted JSM's Standards Compliance Stewardship Programme for Enterprises (ESCAPE) programme and government support initiatives, and reinforced the role of standards in improving competitiveness, regulatory compliance and global market access for MSMEs. The workshop also fostered collaboration among stakeholders and contributed to the ASEAN-UK EIP objective of promoting regulatory reform, open trade and inclusive economic growth.



Strengthening Industry Capability: ESCAPE Programme

The Standards Compliance Stewardship Programme for Enterprises (ESCAPE) remains JSM's flagship initiative in transforming Malaysian industries through standards adoption and compliance. Launched on 3rd September 2020, ESCAPE provides end-to-end support, guiding companies from standards awareness to full implementation and certification readiness. Through a combination of structured training, hands-on coaching, and on-site guidance, ESCAPE positions standards as strategic enablers for governance, operational excellence, safety, and sustainable business performance.

ESCAPE has been particularly transformative for MSMEs, which often face resource and capability constraints in adopting standards. The programme addresses high-impact areas such as:

- Occupational Health and Safety Management Systems (OHSMS)
- Road Traffic Safety Management Systems (RTSMS)
- Halal Food and Halal Cosmetics
- Adventure Tourism Safety Management Systems (ATSMS)

By leveraging strategic collaborations with key agencies including Social Security Organisation (PERKESO), Department of Occupational Safety and Health (DOSH), Malaysian Institute of Road Safety Research (MIROS), Malaysian Industrial Development Finance Berhad (MIDF), Majlis Amanah Rakyat (MARA), and Ministry of Tourism, Arts and Culture Malaysia (MOTAC), ESCAPE equips companies to implement standards effectively, achieve recognised certification, and enhance market competitiveness.

Now in its fifth year, ESCAPE has successfully implemented 45 programmes across multiple sectors, engaging 197 companies, of which 44 have attained certification. In 2025 alone, 13 companies achieved certification in RTSMS, OHSMS, and ATSMS, demonstrating the programme's measurable impact. By enabling companies, particularly MSMEs, to comply with internationally recognised standards, ESCAPE advances industrial resilience, facilitates market access, and drives sustainable business growth, underscoring JSM's role as a trusted enabler of industry development.





Promoting Digital Economy Governance: MS 2754 Sharing Economy Standards

On 17 November 2025, the MS 2754 series on Sharing Economy was officially launched. Developed by JSM in collaboration with the Ministry of Digital and Malaysia Digital Economy Corporation (MDEC), the series is based on relevant ISO standards and tailored to Malaysia's national context. It establishes principles and requirements to promote trustworthy, safe and responsible digital platforms, while supporting innovation and protecting the interests of users and service providers.

The launch was accompanied by a Declaration of Commitment session, at which five local digital platforms presented plaques symbolising their commitment to ethical and responsible business practices. The initiative strengthens Malaysia's digital economy governance by fostering greater trust, transparency and accountability in the sharing economy, while supporting the Government's efforts to promote responsible digitalisation and protect consumers and service providers.

Supporting Sustainable Mobility: MS 2818 Battery Passport for Electrified Vehicles

The MS 2818 Battery Passport for Electrified Vehicles, launched on 14th November 2025 during MITI ASEAN Day 2025 in collaboration with Malaysian Automotive, Robotics and IoT Institute (MARii), establishes the first EV battery passport standard in Malaysia and ASEAN. By providing comprehensive lifecycle traceability, transparency, and sustainability requirements, the standard enhances end-of-life management, industry accountability, and positions Malaysia as a regional leader in sustainable mobility and green technology.

MS 2818 supports national decarbonisation objectives while strengthening long-term industrial competitiveness, demonstrating JSM's pivotal role in aligning standards development with environmental sustainability, technological innovation, and industry transformation.



Advancing Industry Excellence

Through these initiatives, JSM continues to advance industry competitiveness, digital governance, and sustainability. By embedding internationally recognised standards across multiple sectors, JSM ensures Malaysian industries are resilient, innovative, and globally competitive, while contributing meaningfully to national economic growth, sustainable development, and responsible digital and technological advancement.

3.3 ELEVATING ACCREDITATION AND CONFORMITY ASSESSMENT ECOSYSTEM

Preamble

JSM continues to strengthen Malaysia's national accreditation and conformity assessment ecosystem in supporting global credibility, trade facilitation, and industry competitiveness. Through robust accreditation practices, mutual recognition arrangements, and regional capacity-building initiatives, Malaysia continues to maintain a trusted, technically competent, and internationally recognised system aligned with the nation's economic and trade priorities.

Strategic Leadership in International Halal Accreditation Governance: SMIIC Accreditation Council

Malaysia further strengthened its global halal accreditation standing by securing the Vice- Chair position of the SMIIC Accreditation Council (2025–2027). In July 2025, Malaysia through JSM was formally endorsed by the 29th SMIIC Board of Directors meeting in Saudi Arabia, reflecting international recognition of Malaysia's credibility, technical competence, and leadership in the halal accreditation ecosystem. This strategic role enables Malaysia to influence the harmonisation of halal certification rules across OIC member countries, facilitating smoother cross-border trade, enhancing global trust, and strengthening the competitiveness of Malaysian halal industries.



Maintaining Global Accreditation Standing: APAC Re-evaluation and MRA Scope Expansion

On 9th June 2025, JSM successfully completed the APAC Re-Evaluation and MRA Scope Extension, confirming Malaysia's competence as a national accreditation body and securing a full re-evaluation cycle valid until June 2028. JSM not only maintained its signatory status for core scopes including testing & calibration laboratories (ISO/IEC 17025), medical testing (ISO 15189), management systems certification, person certification, product certification, inspection, and proficiency testing provides but also expanded its recognition to include Business Continuity Management Systems and Validation & Verification scopes (ISO/IEC 17029, ISO 14065, ICAO CORSIA). This extension enhances Malaysia's leadership in sustainability and resilience standards, providing industries with a measurable advantage in global markets and reinforcing national trade strategies through mutual international recognition of certifications.



High-Impact Regional Leadership Initiatives : APAC Training and Evaluator Workshop

During the year, JSM reinforced Malaysia's international standing by successfully hosting the APAC Training and Evaluator Workshop on ISO/IEC 17020 (FDIS) from 3rd –7th November 2025, welcoming experts and evaluators from across the Asia-Pacific region. The programme focused on the structural and technical updates of the new ISO/IEC 17020 FDIS standard, ensuring national inspection bodies are fully equipped to implement the updated requirements. The initiative strengthened consistency in peer evaluation practices, harmonised inspection methodologies, and minimised interpretational gaps across the region. By consolidating technical competence and facilitating seamless standards transition, Malaysia positioned itself as a leading hub for accreditation expertise, directly supporting the APAC MRA system and bolstering global confidence in Malaysian inspection outcomes.

In parallel, the CAB Forum 2025, held on 9th December 2025, served as a premier engagement platform for over 500 accredited Conformity Assessment Bodies (CABs) including applicants. Through interactive sessions, the forum reinforced harmonised understanding of national, regional, and international accreditation requirements while creating a feedback loop for policy improvement. This forum ensured that Malaysian CABs remain aligned with evolving global benchmarks, strengthening their competitiveness and promoting the "Tested Once, Accepted Everywhere" principle critical for seamless trade access.

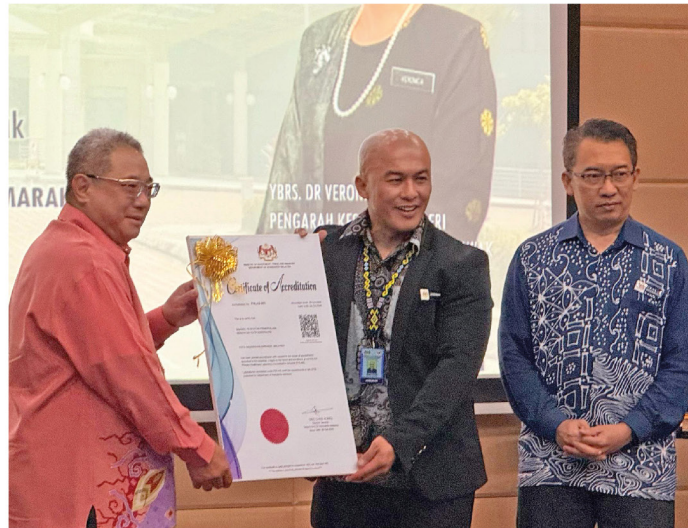


Linking Accreditation to Economic Growth and Trade Facilitation

Collectively, these initiatives; capacity-building workshops, forums, international recognition, and leadership roles underscore Malaysia's strategic approach to aligning its accreditation system with national economic objectives. By enhancing technical capabilities, supporting compliance, and promoting international recognition, JSM ensures that Malaysian products, services, and certifications are trusted globally, directly contributing to the country's industrial competitiveness, market access, and participation in high-value trade and investment opportunities.

Driving Excellence in Public Health: PHLAS Accreditation for Kota Samarahan

The accreditation under the Primary Healthcare Laboratory Accreditation Scheme (PHLAS) awarded to Klinik Kesihatan Kota Samarahan highlights the laboratory's competence, reliability of test results, and compliance with MS 2702 Primary healthcare laboratories requirements for quality and competence, while boosting stakeholders' confidence in the integrity of its services. This achievement acts as a catalyst for continuous improvement, strengthens management systems, and sets a benchmark for other health clinics in Malaysia. It also encourages the wider implementation of PHLAS nationwide, emphasising the importance of accreditation as a strategic investment in delivering high-quality, efficient, and trustworthy public healthcare services.



3.4 EMPOWERING COMMUNITIES THROUGH STANDARDS & SOCIAL RESPONSIBILITY

Preamble

JSM continues to integrate standards into social development through community and education initiatives that support inclusive growth, practical learning opportunities, and stronger urban-rural connectivity. These efforts help strengthen community resilience, promote greater awareness of standards in everyday life, and contribute towards balanced and sustainable socio-economic development.

Strategic Grassroots Leadership: The Santuni MADANI Initiative

The Program Satu Kampung Satu Pemimpin (Santuni MADANI) serves as a vital bridge between government leadership and grassroots needs. JSM adopted Kampung Sungai Pial in Merbok, Kedah, as its focal point for this transformative journey.

Throughout the reporting period, JSM translated this leadership into tangible action through two key Corporate Social Responsibility (CSR) phases. The department spearheaded the opening of a dedicated community fish pond, providing the village with a sustainable source of food and potential micro-income. This was followed in February 2025 by a compassionate outreach programme involving the distribution of food baskets to underprivileged families during Ramadhan. These efforts went beyond mere charity; they strengthened the social fabric of the village and reaffirmed JSM's role as a partner in rural well-being.



Revitalising Rural Infrastructure: The Kampung Angkat MADANI Legacy

Under the Kampung Angkat MADANI JSM initiative, the commitment to Kampung Sungai Pial was elevated from social support to comprehensive physical revitalisation. Recognising that modern infrastructure is the backbone of community progress, JSM oversaw the successful execution of 7 critical infrastructure projects. These included extensive renovations to the Community Hall, the heartbeat of local governance and the Tabika KEMAS, ensuring that the village's youngest residents have a safe and conducive environment for early education.

The initiative's success was celebrated during a grand official launch on 16th November 2025, officiated by the Director-General of JSM. The event served as a holistic marketplace of services, featuring the Jualan Rahmah MADANI and Jualan Agro MADANI, which provided the community access to essential goods at subsidised prices. This project stands as a testament to JSM's ability to coordinate large-scale improvements that directly enhance the quality of life for rural Malaysians.





Cultivating Future Generations: The Sekolah Angkat MADANI Partnership

Education is the most effective vehicle for disseminating a culture of quality. Through the Sekolah Angkat MADANI JSM programme, JSM adopted Sekolah Kebangsaan (SK) Singkir in Bedong, Kedah, to cultivate a "Standards-First" mindset among the youth.

JSM's intervention was two-pronged: physical empowerment and intellectual enrichment. The school's facilities were bolstered by the construction of a new volleyball court and the installation of a modern public address (PA) system, enhancing both the co-curricular and administrative capabilities of the institution. Simultaneously, in July 2025, JSM conducted a specialised Standards Education Programme for 100 Year 5 and 6 students. This programme demystified the world of standards, teaching children the importance of safety, quality, and consistency. The formal handover ceremony on 15th December 2025 between the Director-General and Headmistress solidified a partnership dedicated to preparing rural youth for a competitive, standards-driven future.



A Legacy of Empowerment

The 2025 MADANI initiatives represent a landmark year for JSM's social outreach. By synergising infrastructure modernisation with educational empowerment, JSM has delivered a holistic development model. The residents of Kampung Sungai Pial now enjoy upgraded public facilities and enhanced social cohesion, while the students of SK Singkir are better equipped with the knowledge and tools to succeed. Collectively, these efforts reflect JSM's unwavering commitment to the MADANI vision, ensuring that no community is left behind in Malaysia's journey toward becoming a high-income, standards-compliant nation.



OUTLOOK 2026: STANDARDISATION AND ACCREDITATION ACHORING ECONOMIC RESILIENCE AMID GLOBAL UNCERTAINTY

Outlook 2026: Standardisation And Accreditation Anchoring Economic Resilience Amid Global Uncertainty



As the global economy moves further into 2026, growing geopolitical instability continues to reshape international trade, energy security, and broader economic trends. The ongoing crisis in the Middle East has evolved beyond a regional conflict, contributing to disruptions in global supply chains, rising energy prices, and increasing market uncertainty. While diplomatic efforts and temporary ceasefires remain ongoing, the global economic environment continues to face significant volatility and unpredictability.

Against this backdrop, Malaysia faces increasing pressures including inflationary risks, rising fuel and logistics costs, and fluctuating external demand. As a highly trade-dependent nation, the focus can no longer remain solely on cost efficiency, but must also prioritise resilience, sustainability, and supply chain reliability. In this increasingly uncertain environment, standards and accreditation have evolved beyond technical and regulatory functions to become strategic enablers of international trust, economic stability, and long-term competitiveness.

Within this landscape, JSM continues to play a central role in strengthening the nation's Quality Infrastructure. JSM remains committed to ensuring that Malaysia's standardisation and accreditation ecosystem not only supports economic growth, but also enhances the nation's preparedness and resilience against future global disruptions.

Findings from the 2025 Study on the Use of Standards and Compliance in Malaysia further reinforced the measurable economic impact of standards. The study revealed that every 1% increase in the development of Malaysian Standards (MS) contributes to a 0.06% increase in real GDP, a 0.319% increase in labour productivity, and a 0.8% increase in export value. Based on Malaysia's estimated 2025 nominal GDP of RM2.02 trillion published by the Department of Statistics Malaysia (DOSM), this translates to approximately RM1.22 billion in economic value. With 4,662 active Malaysian Standards currently in place, a 1% increase representing approximately 46 new standards contributes an estimated RM26.2 million per standard to the national economy. These findings reaffirm that standards are not merely technical references, but strategic economic assets that strengthen productivity, facilitate trade, and drive industrial transformation.

In navigating an increasingly complex global landscape, JSM's strategic direction for 2026 remains anchored on agility, collaboration, and institutional transformation to ensure that Malaysia's standardisation and accreditation ecosystem remains resilient, responsive, and future-ready. These efforts will continue to strengthen industrial competitiveness, support market diversification, and expand international recognition of Malaysian conformity assessment activities. By embedding sustainability and future-ready approaches across the ecosystem, JSM's initiatives will continue to support key national agendas including the 13th Malaysia Plan (RMK13), the New Industrial Master Plan (NIMP) 2030, and the National Energy Transition Roadmap (NETR), reinforcing Malaysia's transition towards a resilient, sustainable, and high-value economy.

Standardisation: Agile, Impactful, and Collaborative

- **Aligning with Emerging Frontiers**

JSM will continue to advance standards development in high-growth, high-value (HGHV) sectors, with greater focus on future-ready areas including energy transition, circular economy, digital technologies, and Environmental, Social and Governance (ESG) practices. These efforts will support national economic diversification while strengthening industry readiness for future challenges.

- **Strategic Collaborations**

Collaboration remains central to ensuring standards remain relevant and responsive to industry needs. JSM will continue strengthening cooperation with industry experts, associations, academic institutions, and government agencies to support the development of forward-looking standards through greater knowledge-sharing and inter-agency collaboration.

- **From Compliance to Value**

JSM will continue transforming the perception of standards from regulatory obligations into strategic business investments. By emphasising tangible benefits such as operational efficiency, market credibility, and competitiveness, standards adoption will be positioned as a driver of long-term business value and sustainable growth.



Accreditation: Trust, Recognition, and Intelligence

- **Data-Driven Service Improvement**

JSM will continue strengthening data intelligence capabilities through the systematic collection and analysis of conformity assessment data. These efforts will support improved service delivery, greater operational transparency, and more informed decision-making in responding to evolving industry trends.

- **Expanding Global Market Access**

To strengthen Malaysia's international competitiveness, JSM will continue expanding Mutual Recognition Arrangements (MRAs) and aligning local standards with international benchmarks. These efforts will ensure wider global acceptance of Malaysian conformity assessment activities while reducing technical barriers to trade for exporters.

- **Enhancing Assessor Readiness**

JSM will continue enhancing the technical capability and readiness of assessors in niche and emerging sectors to ensure the national accreditation ecosystem remains credible, competent, and responsive to future industry demands.



Empowering the Backbone of the Economy (MSMEs)

- **Strengthening MSME Competitiveness through Standards**

A key priority for 2026 is the expansion of capacity-building initiatives to support Micro, Small and Medium Enterprises (MSMEs), including both existing and potential adopters of Malaysian Standards. Under the RMK13 allocation for the next five (5) years, JSM will introduce a new programme, a strategic national initiative designed to enhance the capability, resilience, and competitiveness of MSMEs through the adoption and implementation of relevant Malaysian Standards. The programme will provide sector-specific guidance, structured training, practical implementation tools, and technical advisory to support MSMEs throughout their standards compliance journey. By widening the scope of technical guidance and support programmes across priority sectors, JSM aims to strengthen MSME readiness, improve operational excellence and productivity, expand market access, and foster sustainable business growth.

- **Bridging the Supply Chain Gap**

JSM will also continue facilitating stronger collaboration between large enterprises and MSMEs through knowledge-sharing, resource-sharing, and collaborative ecosystem development. These efforts aim to strengthen standards implementation and compliance across supply chains while improving overall industry resilience and integration.

STANDARDS MALAYSIA

The Strategic Path Forward

As geopolitical developments continue to reshape global economic realities, Malaysia's long-term resilience will increasingly depend on the strength of its quality infrastructure. Standards and accreditation play a vital role in safeguarding trade continuity, supporting economic diversification, strengthening diplomatic confidence, and reinforcing national resilience. They also serve as important enablers in helping MSMEs remain competitive and adaptive amidst global uncertainty.

Global challenges often reveal the true strength of a nation's institutional foundations. In times of uncertainty, standards and accreditation provide confidence in products, systems, markets, and ultimately, confidence in Malaysia's ability to navigate an increasingly complex and fragmented global landscape. Through its 2026 strategic outlook, JSM remains committed to ensuring that Malaysia's standardisation and accreditation ecosystem continues to be globally recognised, economically relevant, and a key catalyst in supporting the nation's sustainable, resilient, and high-income aspirations under the MADANI economy.



FIGURES AND STATISTICS

STANDARDISATION
New Malaysian Standards (MS) Developed by Sectors in 2025:25

Electrical and Electronics Equipments and Accessories	Quality and Organisational Management	Halal
5	4	3
		
Transport	Logistics	Medical Devices and Facilities for Healthcare
3	2	2
		
Timber, Timber Products and Timber Structure	Food, Food Products and Food Safety	Fire Safety
2	1	1
		
Buildings and Civil Engineering Works	Generation, Transmission and Distribution of Energy	
1	1	
		

List of New MS Developed in 2025

IND : Indigenous	Light electric vehicle battery swapping Part 1: General guidelines
MS 2776-1	
IND : Indigenous	Light electric vehicle battery swapping Part 2: Safety requirements
MS 2776-2	
IDT : Identical	Conductors for overhead lines Aluminium and aluminium alloy wires for concentric lay stranded conductors (IEC 62641:2022, IDT)
MS IEC 62641	
IDT : Identical	Security and resilience - Security management systems Requirements (ISO 28000:2022 + Amd. 1:2024, IDT)
MS ISO 28000	
IDT : Identical	Security management systems for the supply chain Best practices for implementing supply chain security, assessments and plans Requirements and guidance (ISO 28001:2007, IDT)
MS ISO 28001	
IDT : Identical	Smoke and heat control systems - Part 3: Specification for powered smoke and heat control ventilators (Fans) (EN 12101-3:2015, IDT)
MS 2586-3	
IND : Indigenous	Malaysia National Annex to MS EN 1992-4:2023 Eurocode 2: Design of concrete structures Part 4: Design of fastenings for use in concrete
MS EN 1992-4:2023 (NATIONAL ANNEX)	
IND : Indigenous	Terminology relating to wood-based panel products Part 1: Plywood
MS 1786-1	
IND : Indigenous	Terminology relating to wood-based panel products Part 2: Fibreboard and particleboard
MS 1786-2	
IDT : Identical	General requirements for the competence of reference material producers (ISO 17034:2016, IDT)
MS ISO 17034	
IDT : Identical	Reference materials - Contents of certificates, labels and accompanying documentation (ISO 33401:2024, IDT)
MS ISO 33401	
IDT : Identical	Reference materials - Requirements and recommendations for use (ISO 33403:2024, IDT)
MS ISO 33403	

List of New MS Developed in 2025

IDT : Identical MS ISO 33405	Reference materials - Approaches for characterization and assessment of homogeneity and stability (ISO 33405:2024, IDT)
IND : Indigenous MS 2809	Authentication of products using chemometric techniques
IND : Indigenous MS 2810	Consumable goods - Test method Identification of pig skin and hair
IND : Indigenous MS 2627-2	Detection of porcine DNA - Test method - Part 2: Cosmetics
IND : Indigenous MS 2818	Battery passport for electrified vehicle - General requirements
IND : Indigenous MS 2782	Honey (Apis sp.) - Specification
IND : Indigenous MS 2759	Code of practice for good healthcare facilities management services
IND : Indigenous MS 2760	Code of practice for linen and laundry services for healthcare facilities
MOD MS 60335-2-3	Household and similar electrical appliances - Safety Part 2-3: Particular requirements for electric irons (IEC 60335-2-3:2022, MOD)
IDT : Identical MS IEC 62443-2-1	Security for industrial automation and control systems Part 2-1: Security program requirements for IACS asset owners (IEC 62443-2-1:2024, IDT)
IDT : Identical MS IEC 62443-2-4	Security for industrial automation and control systems Part 2-4: Security program requirements for IACS service providers (IEC 62443-2-4:2023, IDT)
IDT : Identical MS IEC 62443-3-3	Industrial communication networks - Network and system security Part 3-3: System security requirements and security levels (IEC 62443-3-3:2013 + COR. 1:2014, IDT)
IDT : Identical MS IEC 62443-3-3	Household and similar electrical appliances Safety - Part 2-40: Particular requirements for electrical heat pumps air-conditioners and dehumidifiers (IEC 60335-2-40:2024, IDT)

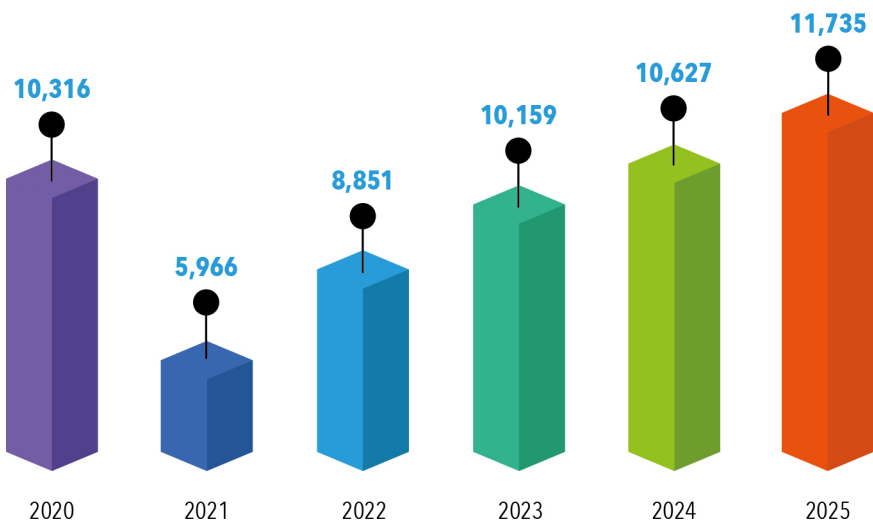
Cumulative Malaysian Standards (MS) Developed by Sectors

MS Statistics (as end of 31 December 2025)							
No	Sectors	Cumulative MS developed	Aligned MS		Indigenous (Adapted)	MS in BM only	MS translated
			Identical	Modification			
1	Agriculture	151	2	0	149	2	22
2	Chemicals and Materials	539	208	39	292	0	0
3	Consumer Interests	6	2	2	2	0	0
4	Building and Civil Engineering Works	395	64	1	330	0	0
5	Generation, Transmission and Distribution of Energy	456	244	41	171	0	0
6	Mechanical Engineering	214	72	7	135	0	0
7	Information and Communications Technology	135	102	0	33	0	2
8	Petroleum and Gas	162	30	5	127	0	0
9	Halal	29	0	0	29	0	7
10	Plastics and Plastic Products	358	142	31	185	0	0
11	Logistics	91	7	0	84	0	0
12	Transport	218	113	5	100	0	0
13	Fire Safety	97	23	4	70	0	0
14	Rubber and Rubber Products	155	99	7	49	0	0
16	Metallic Materials and Semi-Finished Goods	235	103	13	119	0	0
17	Textiles and Apparels	25	6	2	17	0	5
18	Medical Devices and Facilities for Healthcare	276	222	3	51	0	0
19	Electrical and Electronics Equipment and Accessories	336	257	27	52	0	0
20	Tourism and Culture	16	13	1	2	0	0
21	Food, Food Products and Food Safety	291	34	10	247	6	0
22	Timber, Timber Products and Timber Structures	95	8	13	74	0	0
23	Occupational Safety and Health	122	85	4	33	0	0
24	Oil Palm and its Products	48	6	0	42	0	0
25	Quality and Organisational Management	106	99	0	7	0	3
26	Environmental Management and Climate Change	102	74	0	28	0	0
27	Sustainable Cities and Communities	4	2	0	2	0	0
TOTAL MS		4662	2017	215	2430	8	39
% ALIGNMENT WITH INTERNATIONAL STANDARDS		47.88%					
% IDENTICAL TO INTERNATIONAL STANDARDS		43.26%					

Number of Committees and Experts in Standardisation



Copies of MS Sold from 2020 to 2025



Copies of MS Sold by Month

Month	Softcopy	Hardcopy	Total
Jan	489	18	507
Feb	871	1,510	2,381
March	524	7	531
April	480	22	502
May	580	37	617
June	388	180	568
July	666	61	727
Aug	619	1,098	1,717
Sept	467	308	775
Oct	1,169	170	1,339
Nov	251	831	1,082
Dec	494	495	989

6,998 Total Softcopy	4,737 Total Hardcopy	11,735 Total
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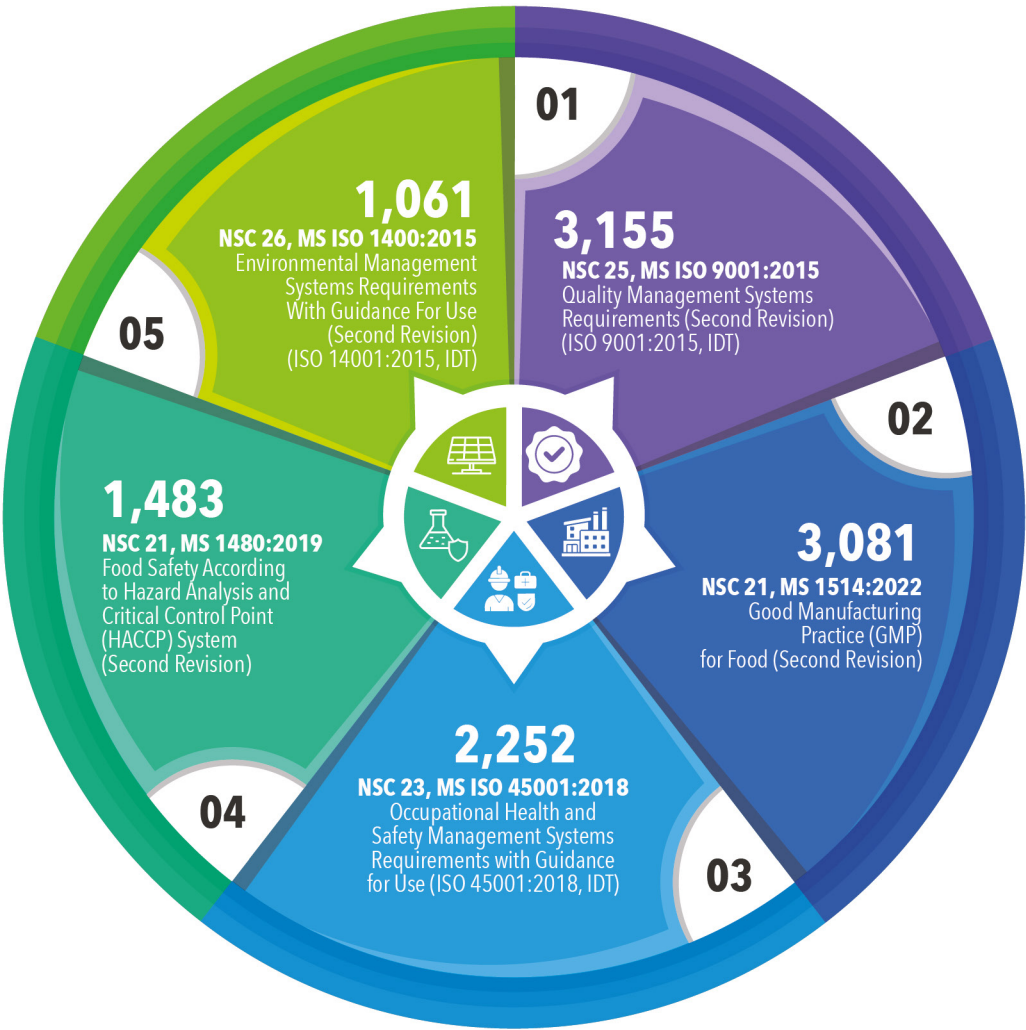
Copies of MS Sold to Foreign Buyers by Sectors

	United Arab Emirates																											Total
	Australia	Austria	Bangladesh	Brunei	China	Cambodia	Canada	Czech Republic	Germany	Hong Kong	Indonesia	India	Japan	Netherlands	Philippines	Singapore	South Africa	South Korea	Spain	Switzerland	Chinese Taipei	Thailand	Turkey	United Arab Emirates	United Kingdom	United States of America	Vietnam	
Agriculture	1		1		2		1		3	1					2										1		12	
Chemicals And Materials	1				26	1		4		9	2	1			9			2	1								56	
Buildings And Civil Engineerings Works	3				8							7	15		1			2				3		4			43	
Generation, Transmission & Distribution of Energy				2					5	1		1	2			1					1						13	
Mechanical Engineering												2				1	2										5	
Infomation And Communications Technology																1									1		2	
Petroleum & Gas											2			1		4		2							1		10	
Halal	3	1		1	2		1					2	9			7		1					1	2			30	
Logistics	1																										1	
Transport											2		5			1					4	2			1		15	
Fire Safety	1				2					2			17			6		1							6		35	
Metallic Materials & Semi-Finished Products	1				2						4	11			2		1			3	1			3		10	38	
Medical Devices And Facilities For Healthcare																2								1			3	
Electrical And Electronics Equipment And Accessories													1			2		1			1						5	
Tourism And Culture																1											1	
Timber, Timber Products & Timber Structures											2					1											3	
Occupational Safety And Health													1			1											2	
Oil Palm & Its Products				2												1											3	
Environmental Management And Climate Change																3											3	

283

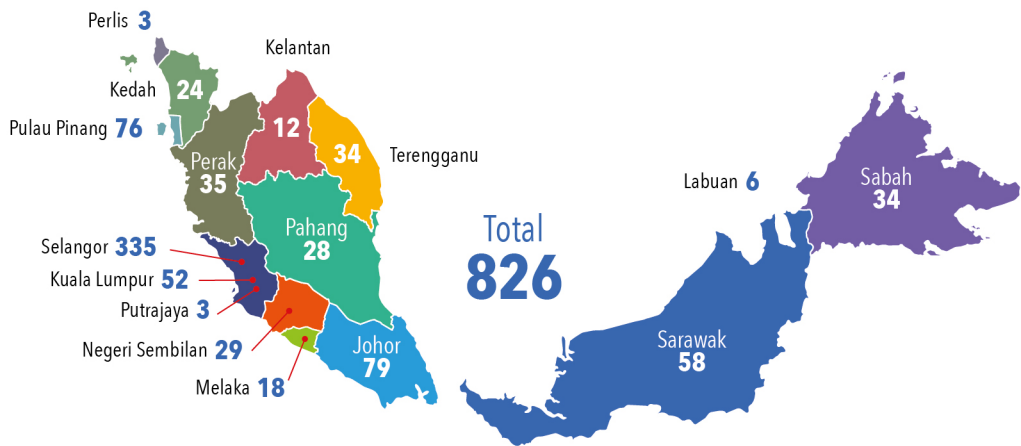
Total

Top 5 of MS Sold by Sectors

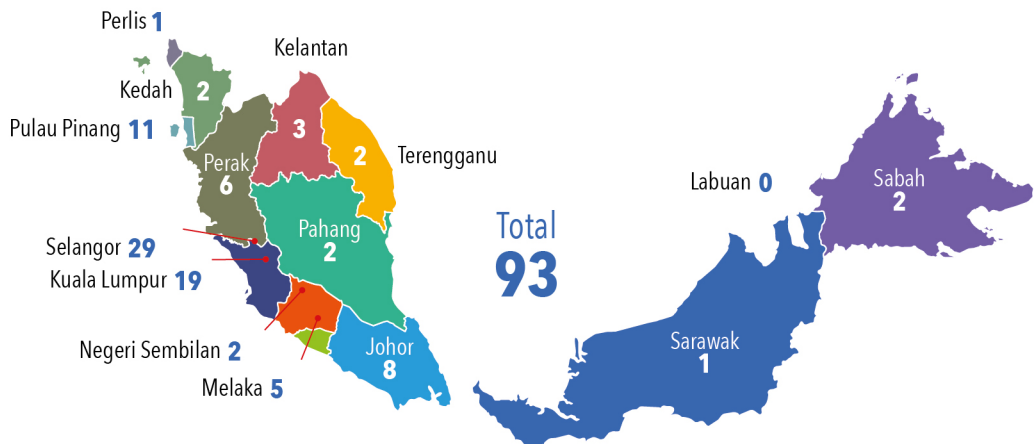


ACCREDITATION
Accredited Laboratories by State

Number of Testing and Calibration Laboratories by State



Number of Medical Testing Laboratories by State

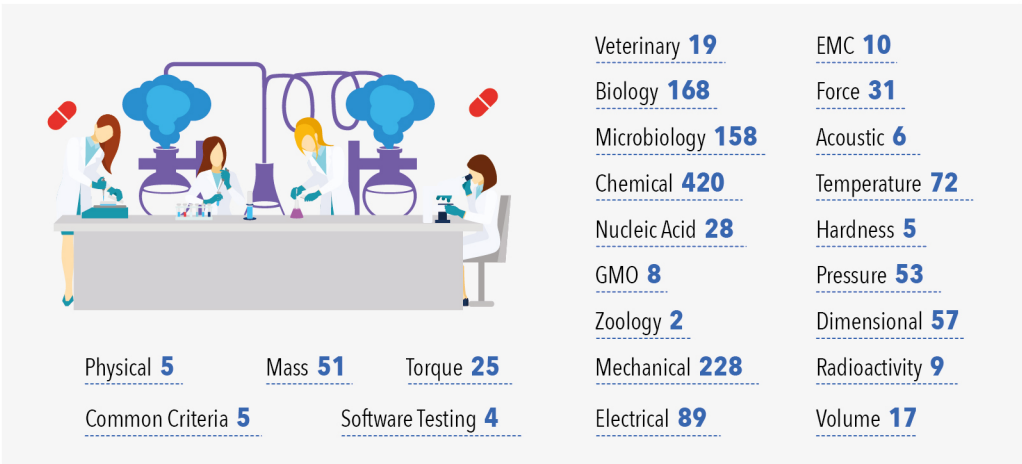


Number of Accredited Laboratories by Programme



Number of Accredited Laboratories by Field

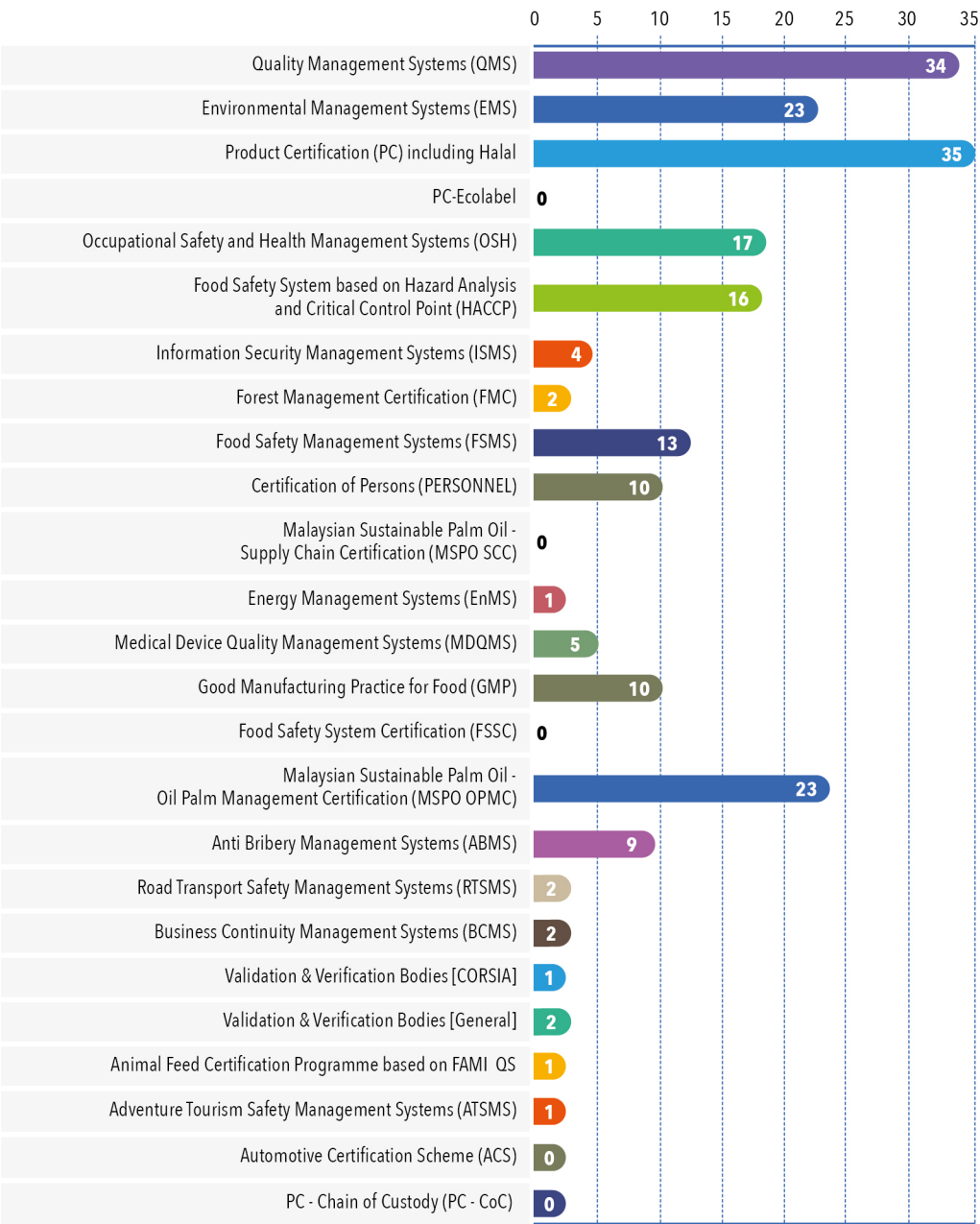
Calibration & Testing Laboratories



Medical Testing Laboratories

Field/Type of Lab	Government	Private	Institute of Higher Learning
Cytopathology	17	9	3
Histopathology	17	9	6
Chemical Pathology	34	45	7
Haematology	34	50	7
Medical Microbiology	31	44	5
Virology	32	44	4
Cytogenetics	2	1	4
Molecular Genetics	2	2	0

Number of Accredited Certification Bodies by Programme



211
Total

Number of Accredited Inspection Bodies by Field

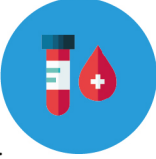


Number of Good Laboratory Practice (GLP)



Number of Accredited Proficiency Testing Providers

List of Accredited Proficiency Testing Providers

1	Department of Chemistry Malaysia			Universiti Teknologi Petronas	4
2	Malaysian Rubber Board (MRB)			Ascendent Technology Sdn. Bhd.	5
3	Makmal Kesihatan Awam Kebangsaan			National Metrology Institute of Malaysia	6

Number of New Accredited Conformity Assessment Bodies







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