



MINISTRY OF INTERNATIONAL TRADE AND INDUSTRY

STANDARDS
MALAYSIA

“BUILDING BUSINESS – GOVERNMENT RELATIONS FOR GROWTH”

**DOMESTIC INVESTMENT SEMINAR
26 JUNE 2019
KUCHING, SARAWAK**



MINISTRY OF INTERNATIONAL TRADE AND INDUSTRY

STANDARDS
MALAYSIA

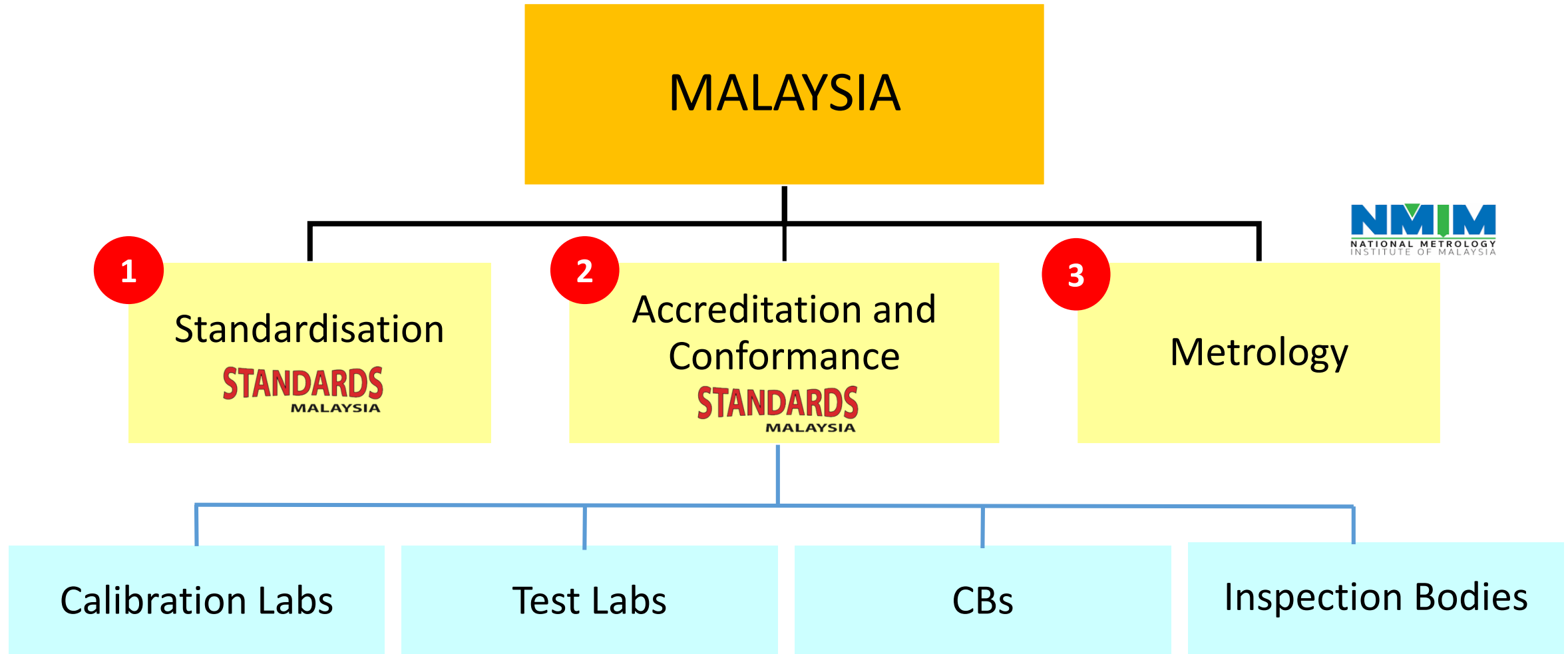
Department of Standards Malaysia

Who we are & what we do?

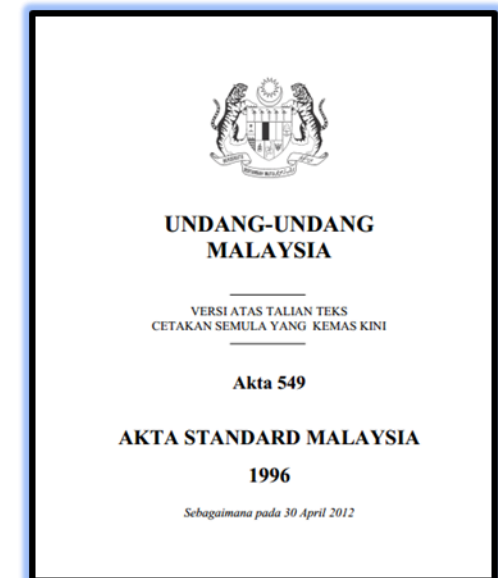
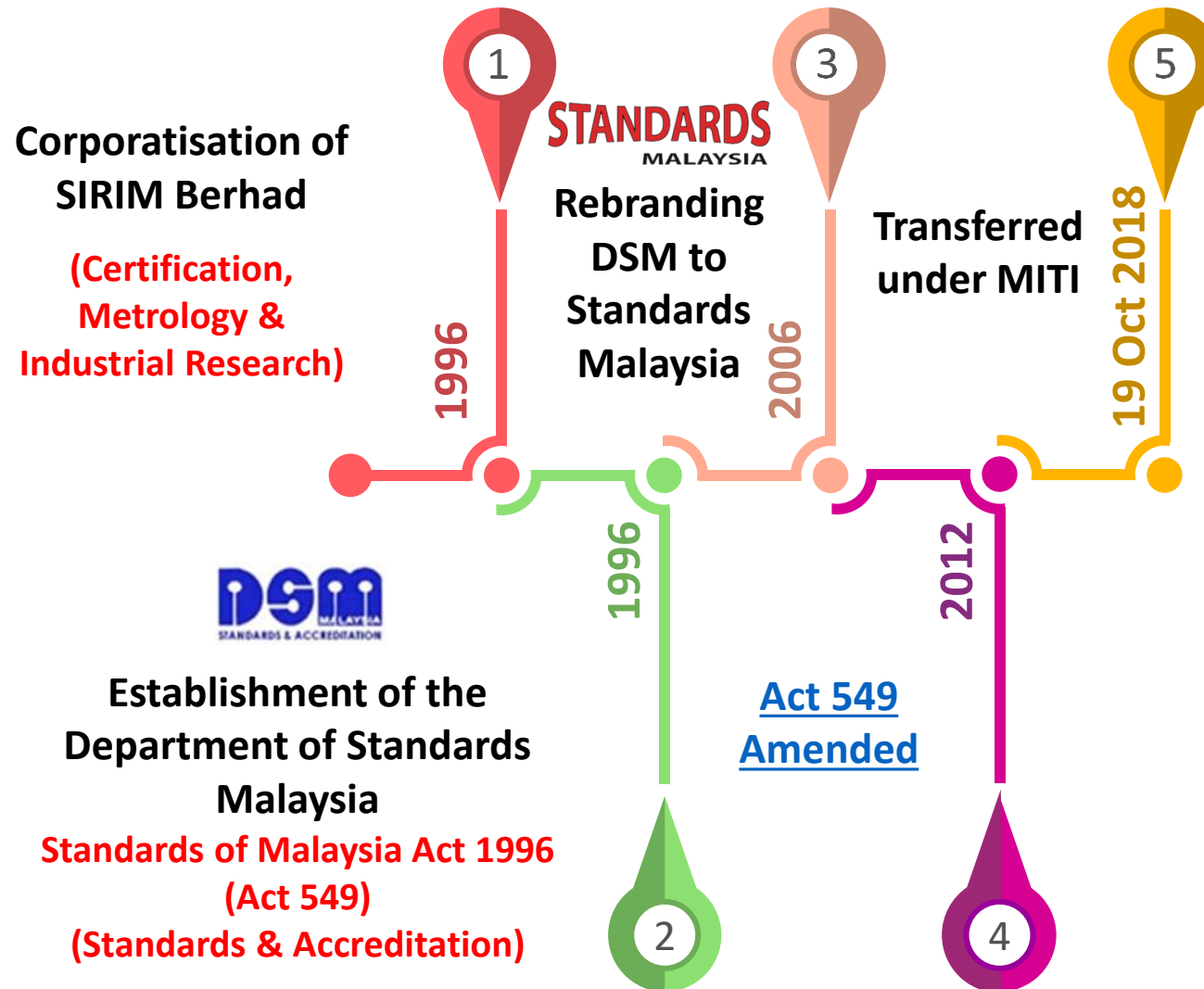
MRS. HANIZAWATI ABDUL SHUKOR
SENIOR ASSISTANT DIRECTOR
DEPARTMENT OF STANDARDS MALAYSIA

26 June 2019

National Quality Infrastructure (NQI)



Evolution of Malaysia's NQI



- Established on **28 August 1996**
- Governed by **Standards of Malaysia Act 1996 [Act 549]**
- Act 549 amended in 2012



National Standards Body

DEVELOP MS AND PROMOTE USE OF STANDARDS

Principles for MS development are based on Annex 3 to WTO/TBT Agreement (ie ISO/IEC Guide 59 & ISO/IEC Guide 21)

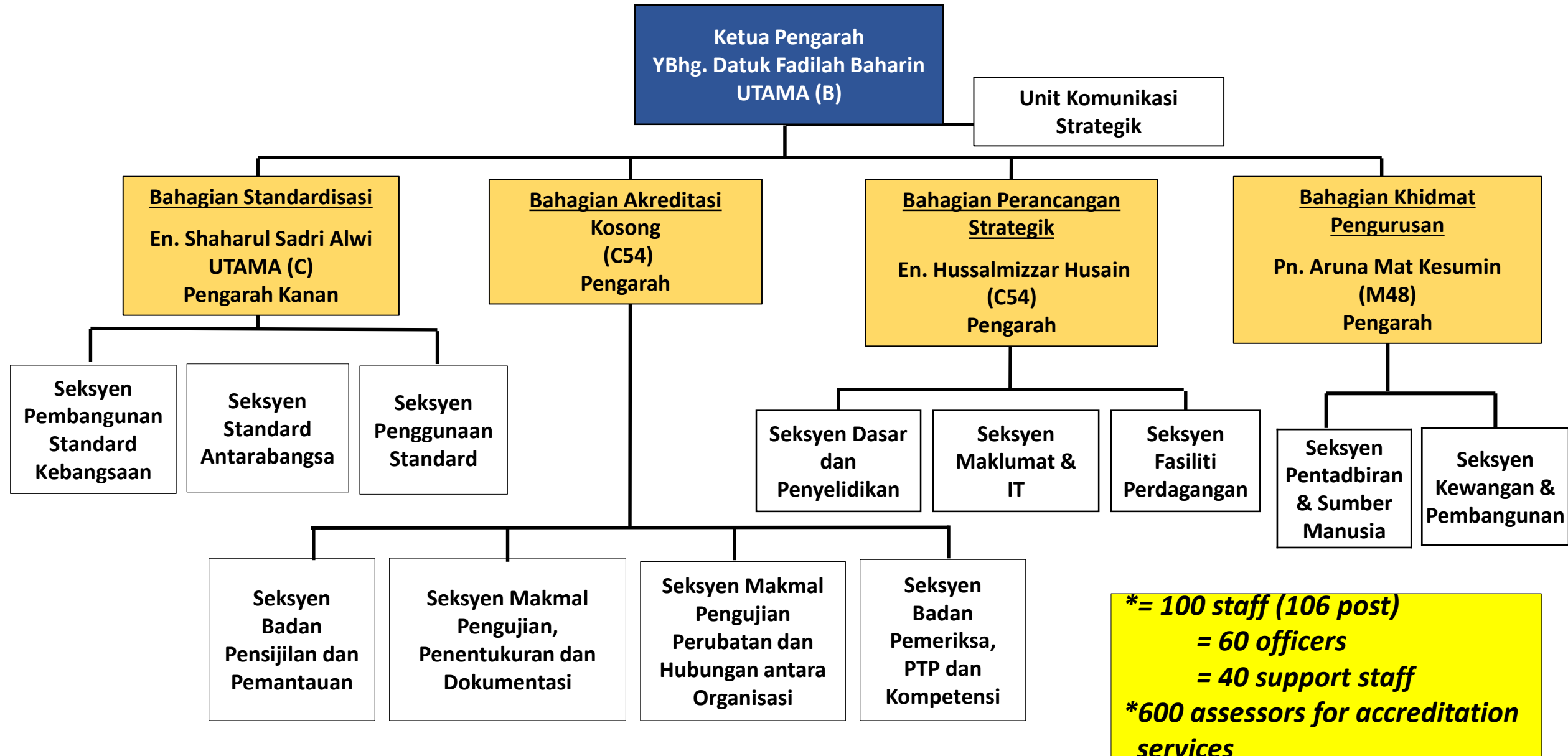


National Accreditation Body

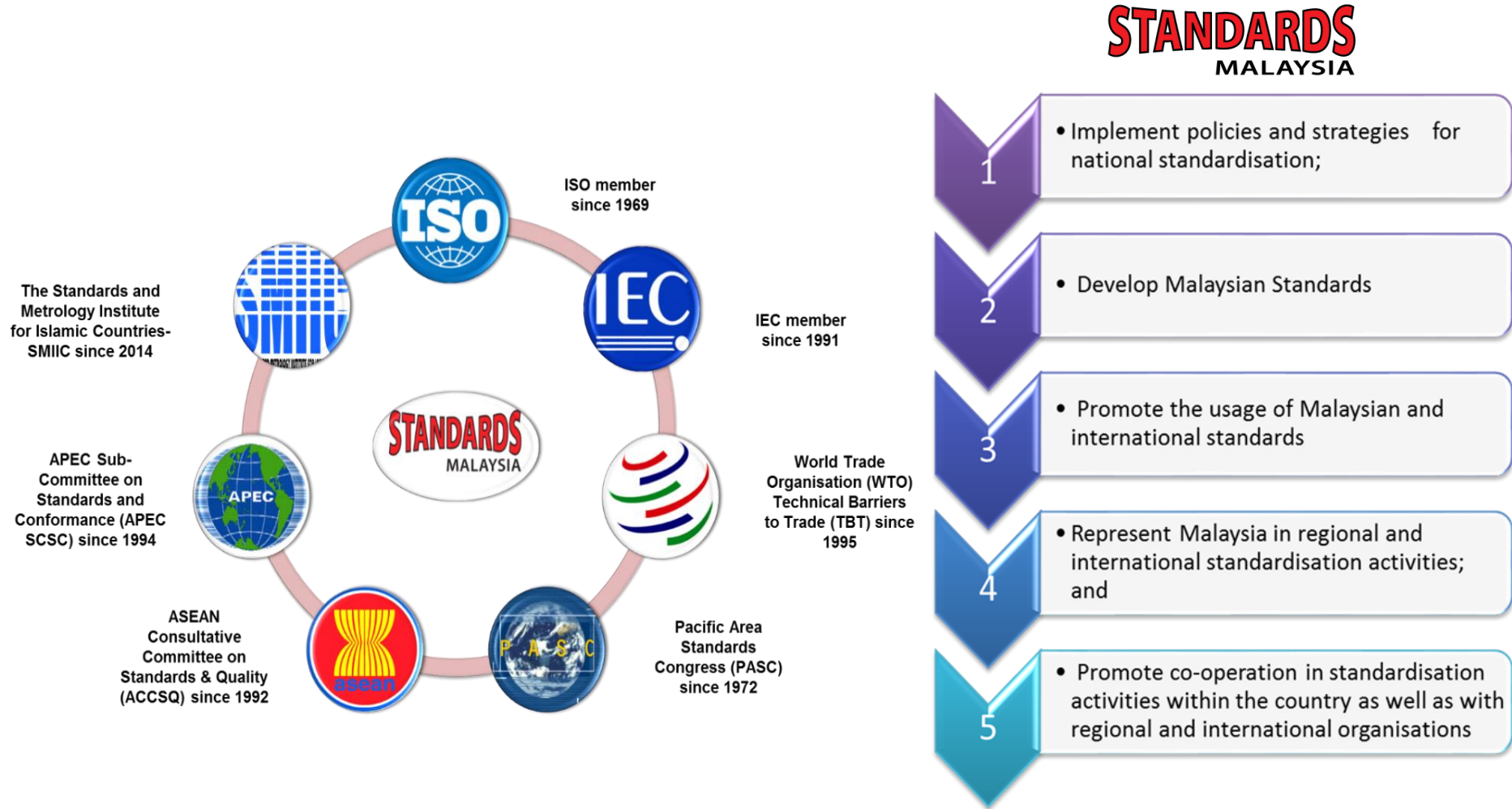
ACCREDIT CONFORMITY ASSESSMENT BODIES

Testing & calibration labs, inspection bodies and certification bodies

Organisational Chart



Malaysian Standardisation Landscape



1. Standardisation



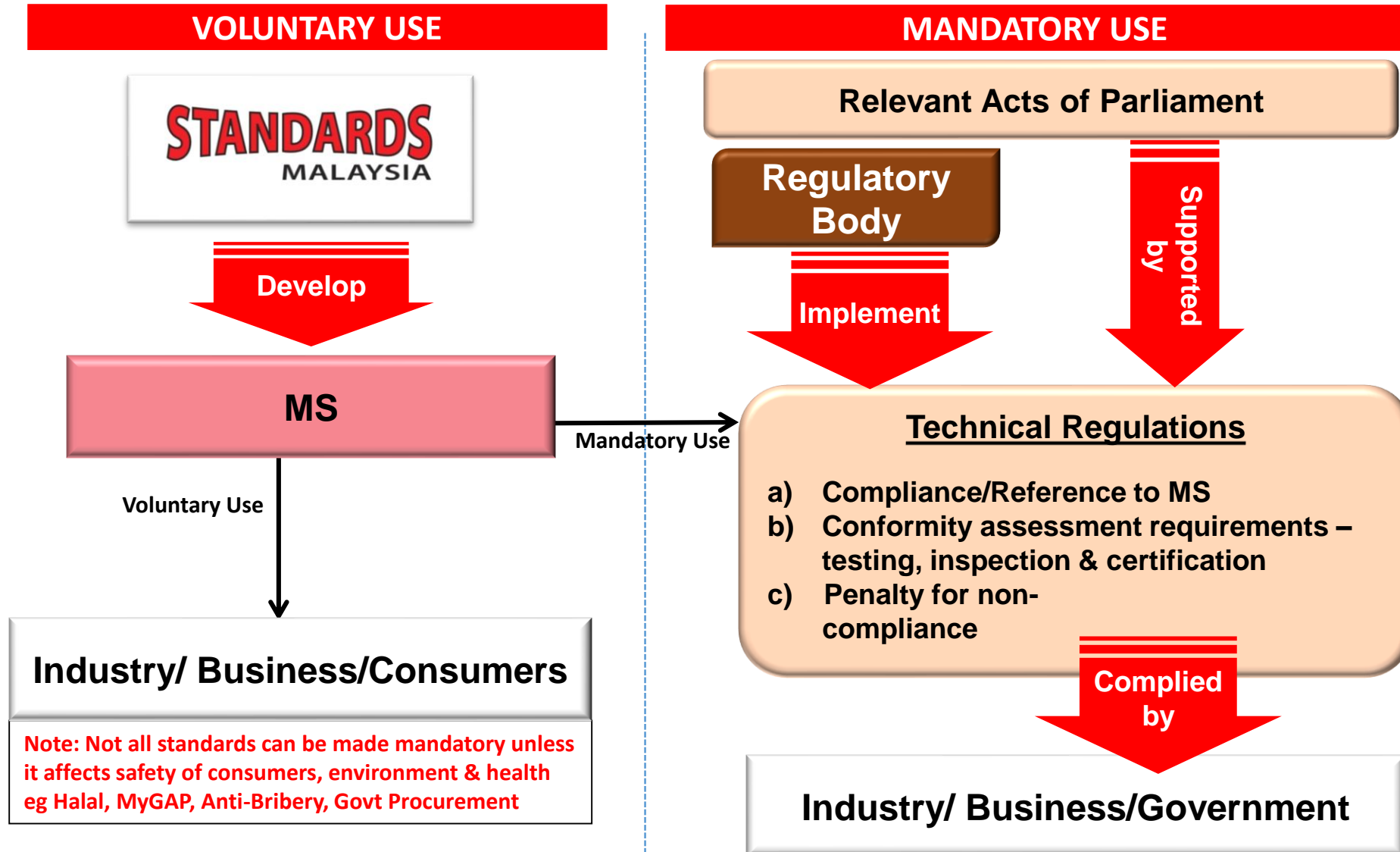
National Standards
Body (NSB)

- Member of the International Organization for Standardization (ISO)
- Member of the International Electrotechnical Commission (IEC)
- Member of the Standards and Metrology Institute for Islamic Countries (SMIIC)
- Abide to the principles of Annex 3 to the WTO/TBT Agreement – Code of good practice for the preparation, adoption and application of standards

Opportunities for Investors

- Availability of more than 5000 Malaysian Standards (MS) in 25 sectors that are easily accessible
- Participation in national and international standards development work – Influential national and international standards
- Tax incentive for participating in international standards development process
- Better market access – 60% of the national standards are aligned with international

Local Use of Standards (incl import control)



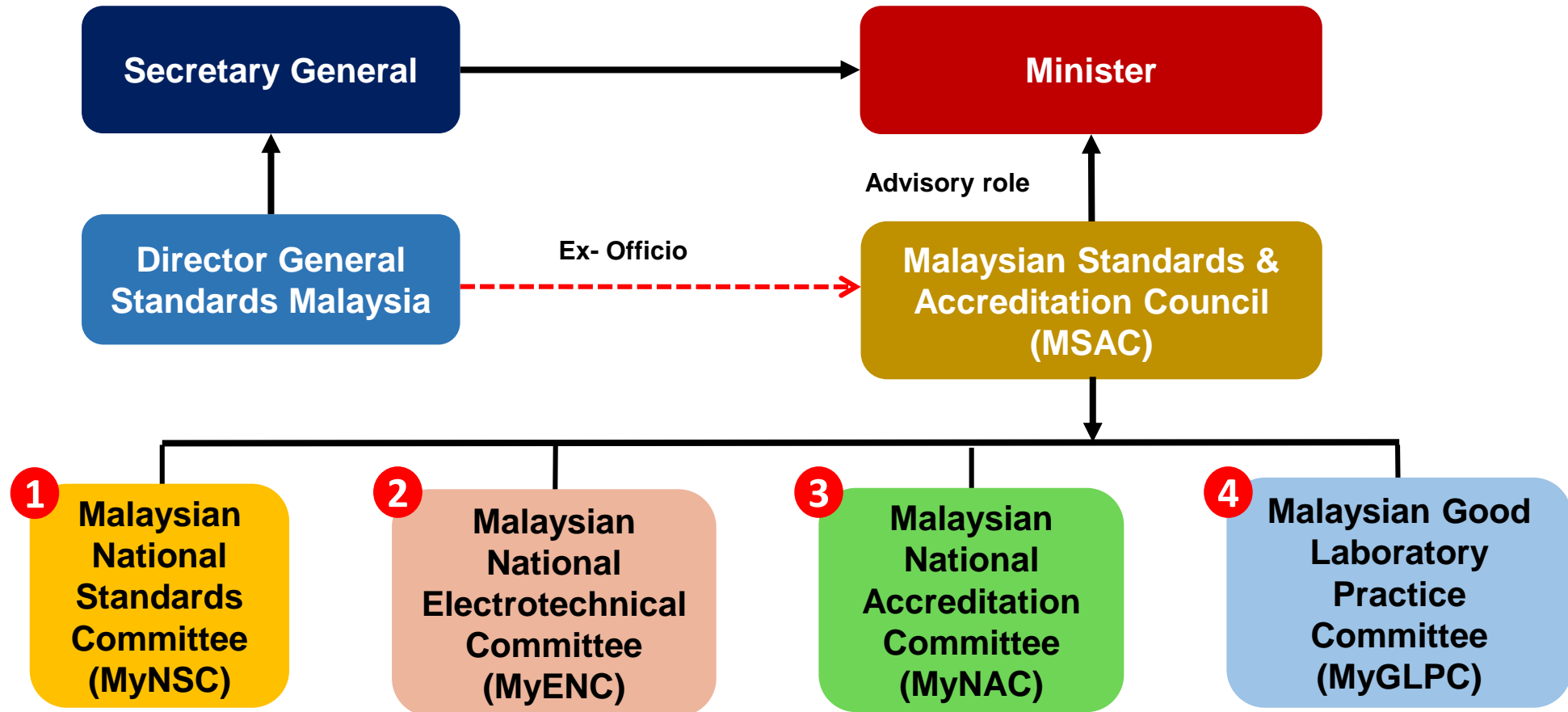
Standards used by Regulators as of 30 Oct 2018

Sectors	No. of mandatory standards
Agriculture	54
Chemicals	28
Constructions	66
Power Generation	88
Mechanical Engineering	17
Halal	17
Plastics	34
Transportation	17
Fire Safety	48
Metallic Materials	27
Rubber	2
E&E	89
Food	14
OSH	1
Environment	2
TOTAL	504

List of regulators:

1. KKM (Food, Medical Devices, Pharmaceuticals)
2. MoA (FAMA)
3. Energy Commission (ST)
4. CIDB
5. KPDNHEP
6. Malaysian Palm Oil Board (MPOB)
7. MCMC
8. SPAN
9. DoE
10. DOSH
11. Fire and Rescue Department of Malaysia
12. Road Transport Department
13. Town and Country Planning Dept of Peninsular Malaysia
14. Malaysian Cocoa Board
15. Local Authorities

Current National Standards and Accreditation Governance Structure



25 Existing Industry Sector

- | | | | |
|----|--|----|---|
| 1 | Agriculture | 13 | Fire Safety and Prevention |
| 2 | Chemicals and Materials | 14 | Rubber and Rubber Products |
| 3 | Consumer Interests | 15 | Organisational Management |
| 4 | Building, Construction and Civil Engineering | 16 | Metallic Materials & Semi-finished Products |
| 5 | Generation, Transmission & Distribution of Energy | 17 | Textiles and Apparels |
| 6 | Mechanical Engineering | 18 | Medical Devices and Facilities for Healthcare |
| 7 | Information Technology, Communication & Multimedia | 19 | Electrical & Electronics Equipments & Accessories |
| 8 | Petroleum & Gas | 20 | Tourism, Exhibition & Hospitality Services |
| 9 | Halal Standards | 21 | Food and Food Products |
| 10 | Plastics and Plastic Products | 22 | Timber, Timber Structure & Timber Products |
| 11 | Packaging and Logistics | 23 | Occupational Safety & Health |
| 12 | Transport | 24 | Quality Management & Quality Assurance |
| | | 25 | Environmental Management |

Recognition of Malaysia at International Technical Levels (Standardisation)



Chairman



ISO/TC 45 – *Rubber and rubber products*

ISO/TC 45/SC4 – *Products (other than hoses)*

ISO/TC 157 – *Non-systemic contraceptives and STI barrier prophylactic*

ISO/TC 207/SC 7 – *Greenhouse gas management and related activities*

ISO/TC 207/SC 1 – *Environmental management systems*

ISO/PC 303 – *Guidelines on consumer warranties and guarantees*

TC10-Halal Supply Chain



Convenor

ISO/TC 45/SC 3/WG 4 – *Natural rubber*

ISO/TC 45/SC 4/WG 5 – *Gloves and other latex products*

ISO/TC 45/SC 4/WG 14 – *Elastomeric bridge bearings*

ISO/TC 61/SC 2/WG 2 – *Hardness and surface properties*

ISO/TC 61/SC 9/WG 6 – *Polyolefins*
ISO/TC 207/SC 7/WG 5 – *Quantification, monitoring and reporting of greenhouse gas emission*

ISO/TC 218/WG 4 – *Test methods*

ISO/TC 241/WG 5 – *ISO 39002 - Good practices for commuting safety systems*



Secretary



ISO/TC 45 – *Rubber and rubber products*



ISO/TC 45/SC 4 – *Products (other than hoses)*



ISO/TC 157 – *Non-systemic contraceptives and STI barrier prophylactics*

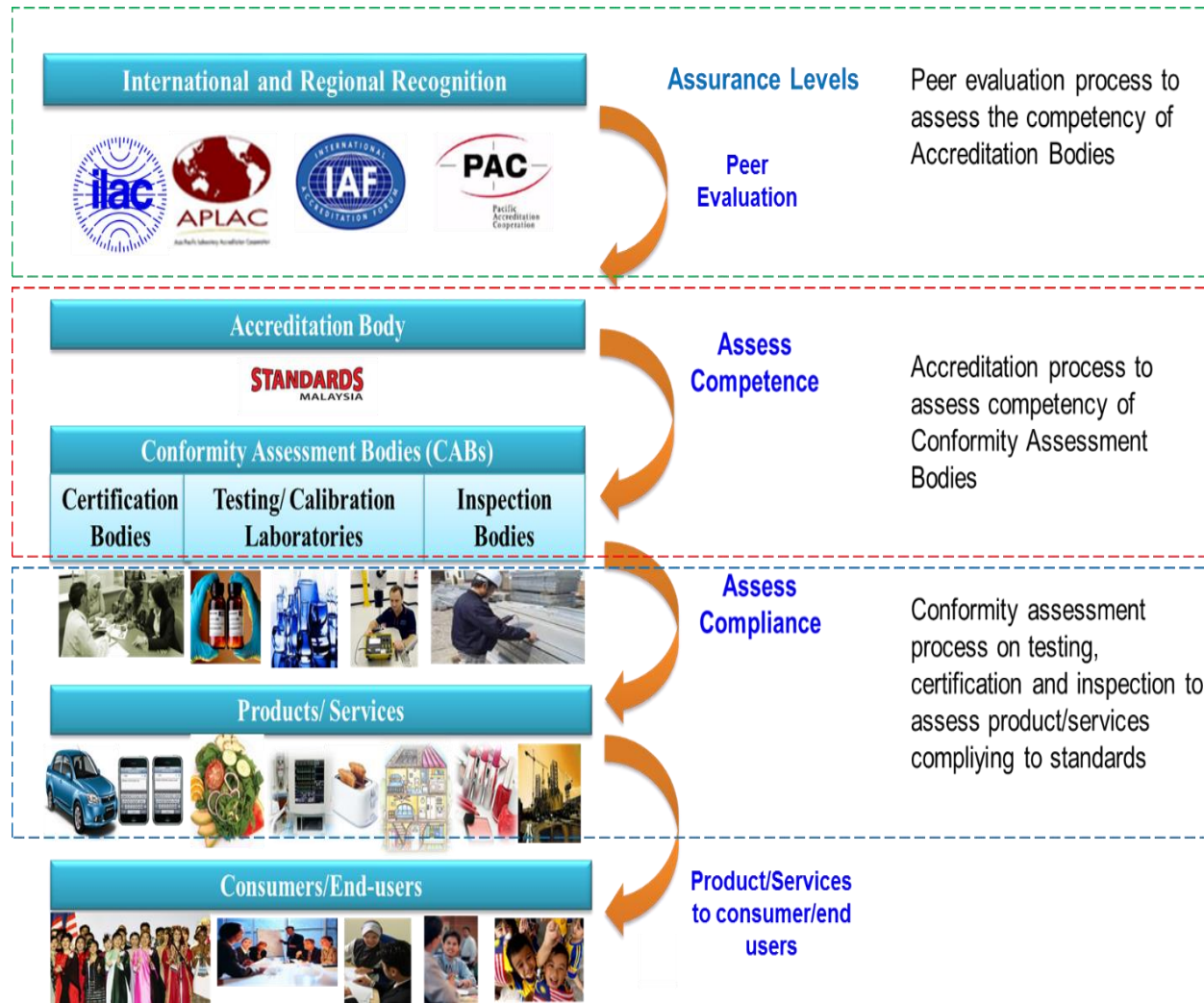


ISO/PC 303 – *Guidelines on consumer warranties and guarantees*



TC10-Halal Supply Chain

Malaysian Accreditation Landscape



STANDARDS MALAYSIA

- 1 • Accredit organisations engaged in conformity assessment activities: testing, calibration, inspection and certification of products and systems;
- 2 • Maintain a register of accredited organisations and their marks of conformity;
- 3 • Represent Malaysia in international and regional accreditation activities; and
- 4 • Facilitate international and regional recognition of accredited organisations and certificates.

2. Accreditation and Conformance



National Accreditation
Body (NSB)

- Signatory to;
 - i. Asia Pacific Laboratory Accreditation Cooperation Mutual Recognition Arrangement (APLAC MRA)
 - ii. Pacific Accreditation Cooperation Multilateral Recognition Arrangement (PAC MLA)
 - iii. International Laboratory Accreditation Cooperation Mutual Recognition Arrangement (ILAC MRA)
 - iv. International Accreditation Forum Multilateral Recognition Arrangement (IAF MLA)
- Recognised by the US Federal Communications Commission (US FCC) as a designated accreditation body under the Malaysia-US Telecommunications MRA
- Full Adherence Status of Mutual Acceptance of Data under OECD Good Laboratory Practice (GLP)
- Malaysia is a party to ASEAN MRAs (E&E, Pharmaceuticals, Food)

Opportunities for Investors

- Availability of the accredited testing facilities, certification bodies and OECD GLP compliant test facilities
- Recognition of the test reports, certifications, inspections, safety data –
“Tested once, accepted everywhere”
- Tax incentive (double deduction) in getting certification from accredited certification bodies

Latest Figure On Accreditation of Certification Bodies (ACB) (as of April 2019)

PROGRAMME	NUMBER OF ACCREDITED CERTIFICATION BODIES
Quality Management System (QMS)	25
Environmental Management Systems (EMS)	16
Product Certification Systems (PCS) including Ecolabel	14
Occupational Safety and Health Management Systems (OSH)	10
HACCP Systems (HACCP)	5
Information Security Management Systems (ISMS)	2
Forest Management Certification (FMC)	1
Food Safety Management Systems (FSMS)	8
Certification of Persons	5
Energy Management Systems (EnMS)	1
Good Manufacturing Practice (GMP)	3
Medical Devices Quality Management System (MDQMS)	4
Food Safety System Certification (FSSC)	0
Malaysian Sustainable Palm Oil (MSPO)	14
Anti Bribery management Systems (ABMS)	0
TOTAL	108

Report On The Number Of Malaysian Laboratories Accredited By Standards Malaysia (as of April 2019)

Fields		Total Number of Accredited Laboratories			
	Government	Private	Insitute of Higher Learning (Public)	Insitute of Higher Learning (Private)	Active
Testing	78	431	36	6	551
Calibration	2	84	3	0	89
Testing & Calibration	3	30	2	0	35
Medical Testing	14	34	7	0	55
Total	97	579	48	6	730

MIBAS: No. of Inspection Bodies (as of April 2019)

Fields of Inspection	No. of Company
NDT Inspection	8
Welding Inspection	3
Vehicle Inspection	1
Shop Inspection	1
Electrical Products	1
Manufactured Goods	2
Factory Audits	1
Building Inspection	1
Source Inspection	1
In Service Inspection	2
Vibration Analysis	1
Risk Based Inspection	1

Mutual Recognition of Accreditation



Testing - 16 Jan 2003
Calibration - 19 Nov 2003
Inspection - 2 July 2015



Testing - 14 Nov 2002
Calibration - 13 Nov 2003
Medical Testing - 18 April 2007
Inspection - 17 June 2015



Non-member full adherent
to OECD Systems of Mutual
Acceptance Data since 29
March 2013



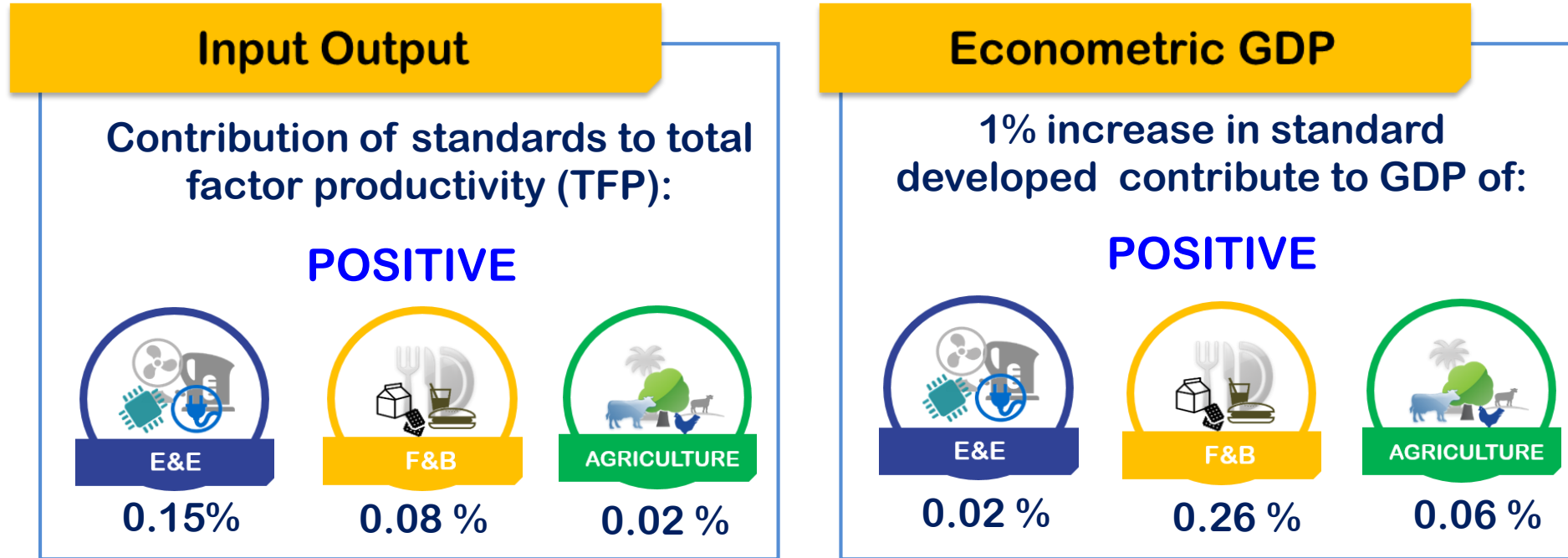
Quality Management System (QMS) - 29 Sept 1999
Environmental Management System (EMS) - 9 Feb 2006
Product Certification (PC) - 9 July 2009
Food Safety Management Systems (FSMS) - 13 July 2017
Information Security Management Systems (ISMS) - 13 July 2017



Quality Management System (QMS) - 5 Nov 1998
Environmental Management System (EMS) - 31 Dec 2005
Product Certification (PC) - 16 June 2009
Food Safety Management Systems (FSMS) - 21 June 2017
Information Security Management Systems (ISMS) - 21 June 2017

‘Tested once, accepted everywhere’

Economic Impact on the Usage of Standards



**ECONOMIC IMPACT
ON THE USAGE OF
STANDARDS**
FOR THE ELECTRICAL &
ELECTRONIC (E&E), FOOD &
BEVERAGE (F&B) AND
AGRICULTURE SECTORS
YEAR: 2016



Positive contribution to TFP

Standards positively
contributed to growth in
TFP in all 3 sectors

Positive contribution to GDP

Contribution of standards
to GDP over the period
of 13 years (2001 to
2013) is positive and
statistically significant

Way Forward (Support Quality Investors)

Promote Malaysia's ready quality infrastructure (**k-workers & international MRA signatories**) to become the **preferred destination for investors** that need quality control services e.g testing, calibration, inspection and certification



- Explore the need of Sabah and Sarawak for testing facilities
- Introduce new policy to grow local CABs (existing/new) under RMK-12 (Refer Annual Report 2018)
- Explore intl accreditation services to strategic countries (emulate UKAS)
- Halal- Strengthening exports and managing imports to improve trade balance

Thank You.



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