



MINISTRY OF INVESTMENT, TRADE AND INDUSTRY
DEPARTMENT OF STANDARDS MALAYSIA

Building Excellence: A Malaysian Strategy for Quality Infrastructure

23rd COMCEC TWG Meeting
18 September 2024;
Ankara, Turkiye

Nur Afifah Ijap
Department of Standards Malaysia
Ministry of Investment, Trade and Industry Malaysia



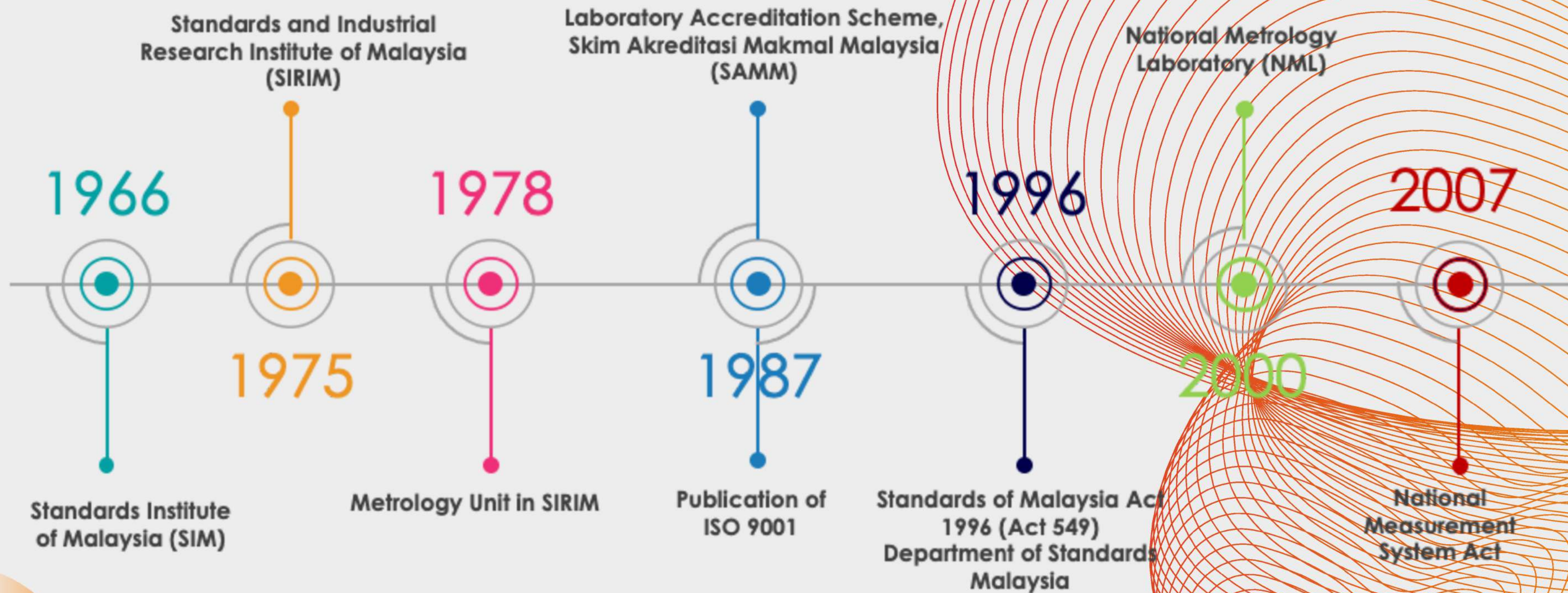
Presentation Outline



- Evolution of QI in Malaysia
 - Current Landscape of QI in Malaysia
 - Importance of QI for Malaysia's Growth
 - Strategies for Improvement
 - Case Study - Halal
 - Future Vision
- 



Evolution of Malaysia's QI





International Recognition

Bureau
International des
Poids et
Mesures

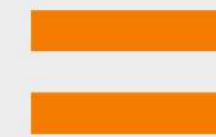
Metrology



Standards



Accreditation



**Global
Market
Access**



Current Landscape of Quality Infrastructure in Malaysia





Malaysia's National Quality Infrastructure

Standardisation

Accreditation

Conformity Assessment

Metrology

Market Surveillance



MINISTRY OF INVESTMENT, TRADE AND INDUSTRY
DEPARTMENT OF STANDARDS MALAYSIA

Public and private conformity assessment bodies (CAB) (laboratories, certification bodies & inspection bodies)



Regulators

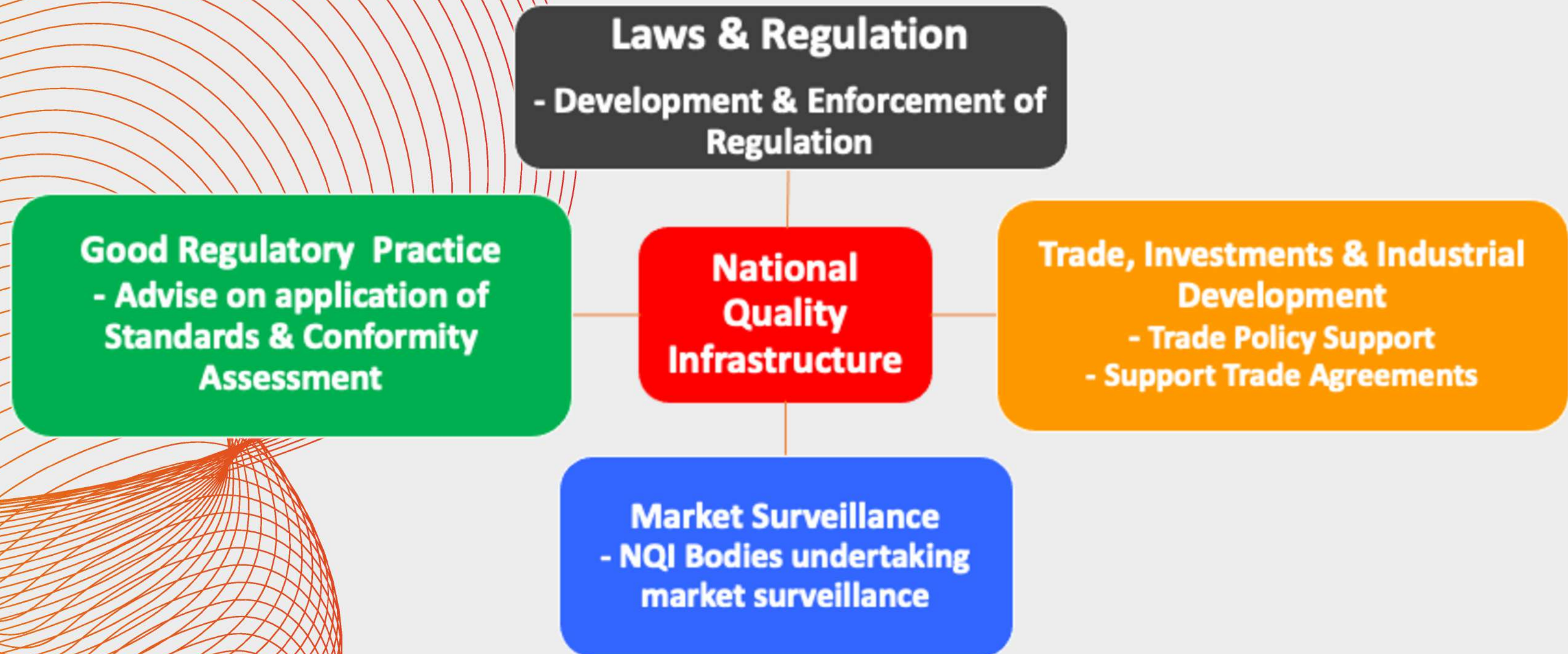
Standards Malaysia Act 1996 (ACT 549)

The National Measurement System Act 2007 (ACT 675)

Weight and Measures Act 1972 (ACT 71)



Interface of NQI





MINISTRY OF INVESTMENT, TRADE AND INDUSTRY
DEPARTMENT OF STANDARDS MALAYSIA

The Importance of Quality Infrastructure for Malaysia's Growth

**Economic
Competitiveness**



**Environmental
Protection**



Public Safety

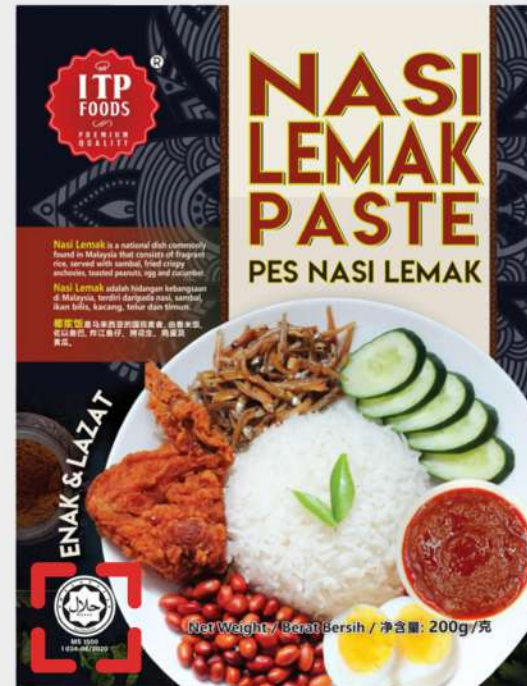


**Innovation &
Technological
Advancement**





Malaysia's QI - A Case for Halal



01 STANDARDISATION

MS1500 - Halal food:
General Requirements
MS2738 - Halal
Consumable Goods -
General Requirements

02 ACCREDITATION

- Accreditation for Certification Bodies Scheme (ACB) - Product certification for certification body (JAKIM)
- SAMM Accreditation for testing labs

03 METROLOGY

Measurement assurance based on Standard International Units (SI)

04 CERTIFICATION

Product certification to companies based on relevant MS to obtain the Halal certification and logo from JAKIM

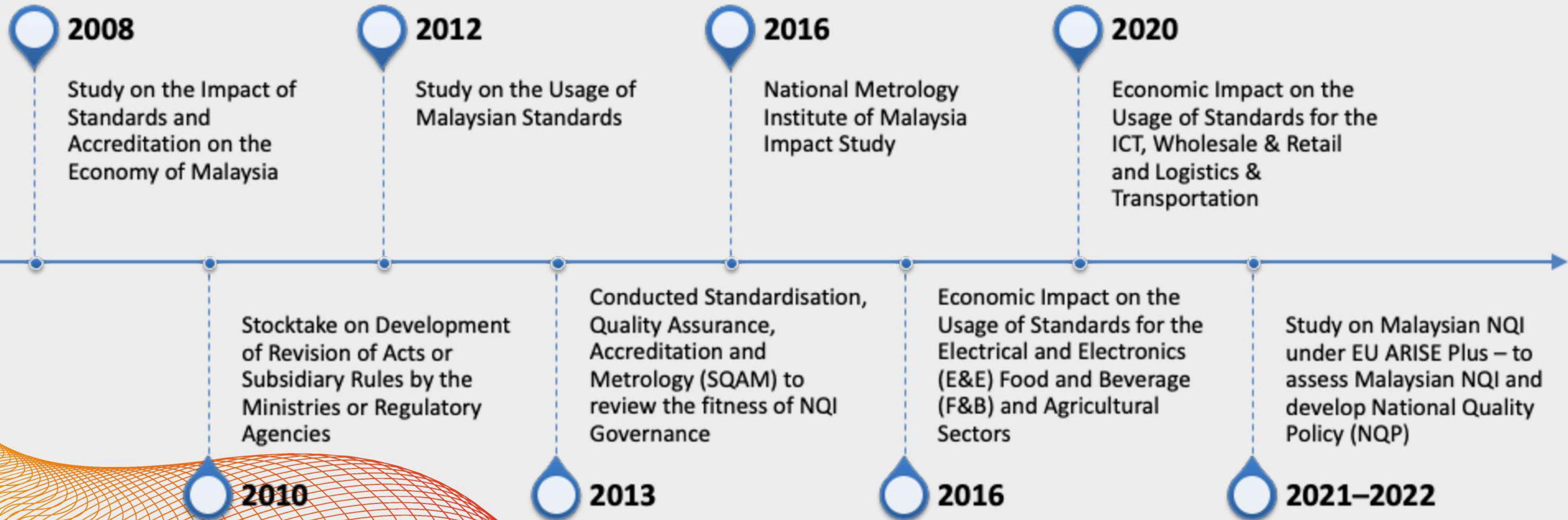
05 MARKET SURVEILLANCE

Trade Descriptions Act 2011
Trade Descriptions Orders 2011

- Definition of Halal
- Certification and Marking of Halal



Periodic Review of Malaysia's QI



Strategies for Improvement



MINISTRY OF INVESTMENT, TRADE AND INDUSTRY
DEPARTMENT OF STANDARDS MALAYSIA

Ensuring Good Governance in NQI Institutions



Supporting New and Emerging Technologies



Ensuring Sustainability of NQI Institutions



Ensuring Coordination & Coherence of NQI Institutions



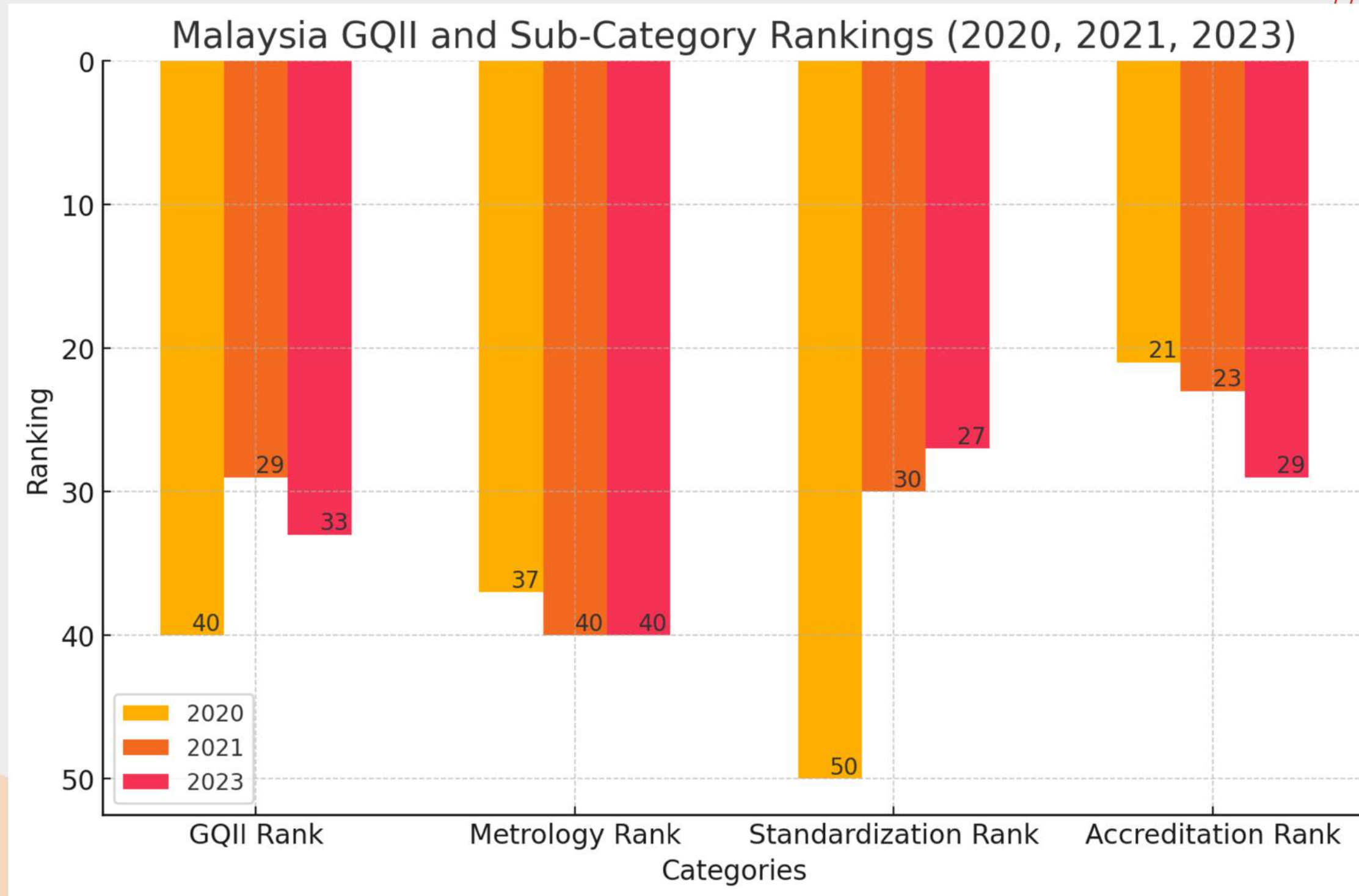
Providing Effective Support For Economic and Social Development &
Environmental Protection



Promoting Quality Culture



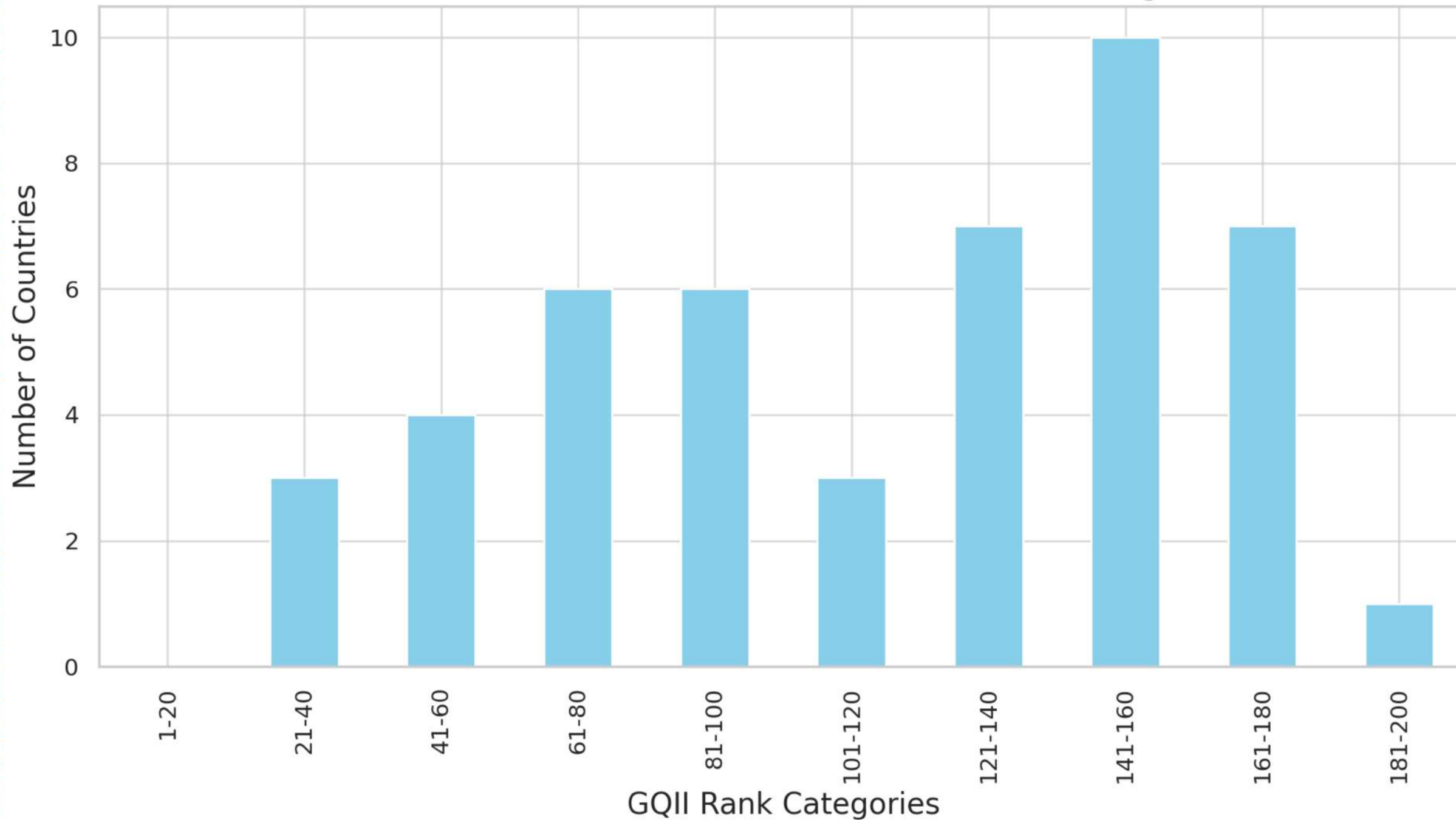
Global Quality Infrastructure Index (GQII)





How do OIC Member Countries rank in GQII?

Distribution of OIC Member Countries in GQII Rank Categories (2023)



- A significant portion of OIC members are clustered in **mid-range** categories
- Top performers: **Indonesia** (27th) and **Malaysia** (33rd)
- Opportunities for improvement: More **regional collaboration** and **support** needed to elevate QI across all OIC member countries

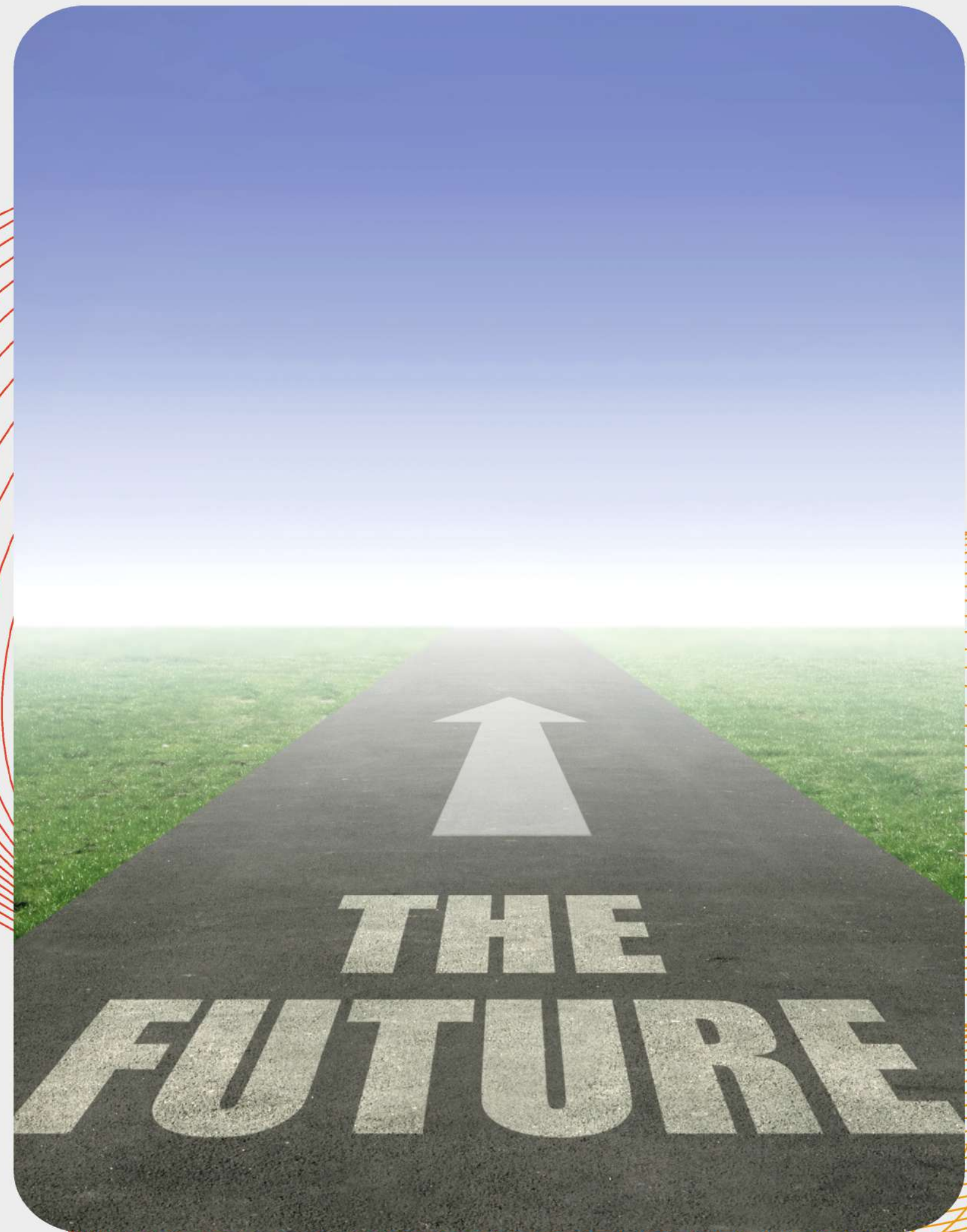
Future Developments of QI in Malaysia

- Enable **coordination between the NQI institutions** such that:
 - gaps in services are identified rapidly and addressed;
 - enhance focus and effectiveness of services provided; and
 - enable proactive development of new services to support new and emerging technologies.
- Effectively **support government** in implementing measures for:
 - consumer and environmental protection;
 - industry competitiveness and diversification of Malaysian exports; and
 - attract investments and enhance market access in supply value chains.
- **Integrate quality culture** across all sectors of the economy and society.



Future Vision

Malaysia's quality infrastructure vision focuses on **sustainability, global alignment, and enhanced collaboration** between quality infrastructure institutions and relevant ministries to **improve awareness** of QI, foster **eco-friendly innovation**, and ensure **competitiveness** in the global market.





MINISTRY OF INVESTMENT, TRADE AND INDUSTRY
DEPARTMENT OF STANDARDS MALAYSIA

Thank You



www.jsm.gov.my



+603 8008 2806



Department of Standards Malaysia
Level 4 - 7, Tower 2, Menara Cyber Axis,
Jalan Impact, Cyber 6, 63000 Cyberjaya Selangor,
MALAYSIA