



MINISTRY OF TRANSPORT
MALAYSIA

DEVELOPMENT OF COLD CHAIN STANDARD IN MALAYSIA

MINISTRY OF TRANSPORT MALAYSIA

7th February 2022

Seminar for Promotion of Cold Chain Logistics Standard in Malaysia



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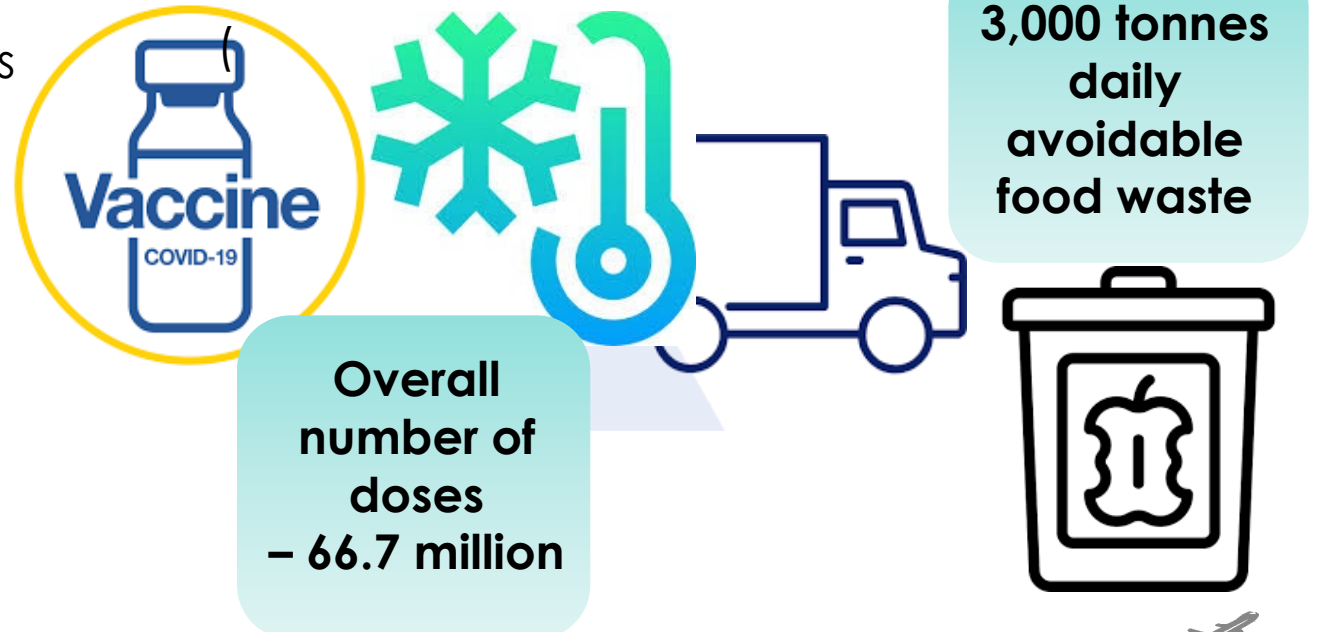
COLD CHAIN IN MALAYSIA

Pandemic Covid 19

- tested the resilience and flexibility of supply chain.
- magnified the logistics industry role as a lifeline to keeping
 - sufficient food and medical supplies
 - sustainability of other industries
- increasing demand for direct to customer delivery (perishable goods, medication)

Cold Chain

- **National Covid19 Immunisation Programme**
 - deliver life-saving Covid-19 vaccines
- **Critical issue – food waste**
 - 15,000 food waste every day





POLICIES IN MALAYSIA

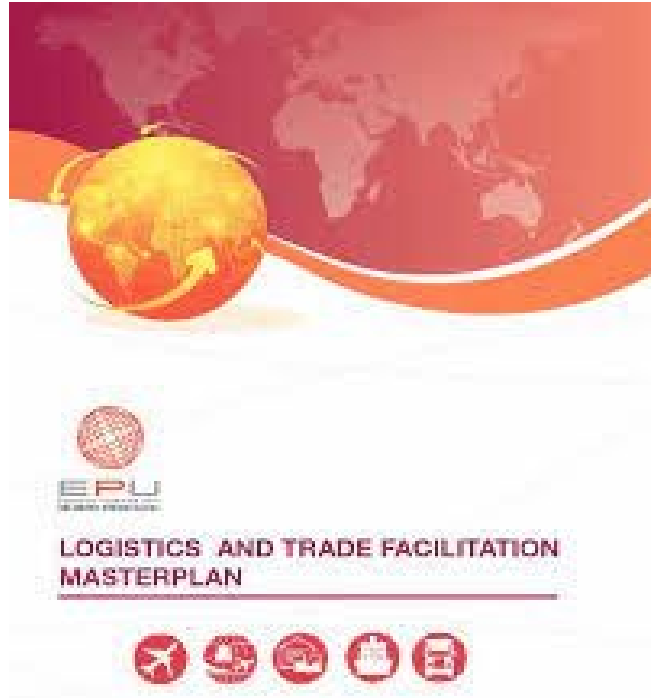


TWELFTH MALAYSIA PLAN

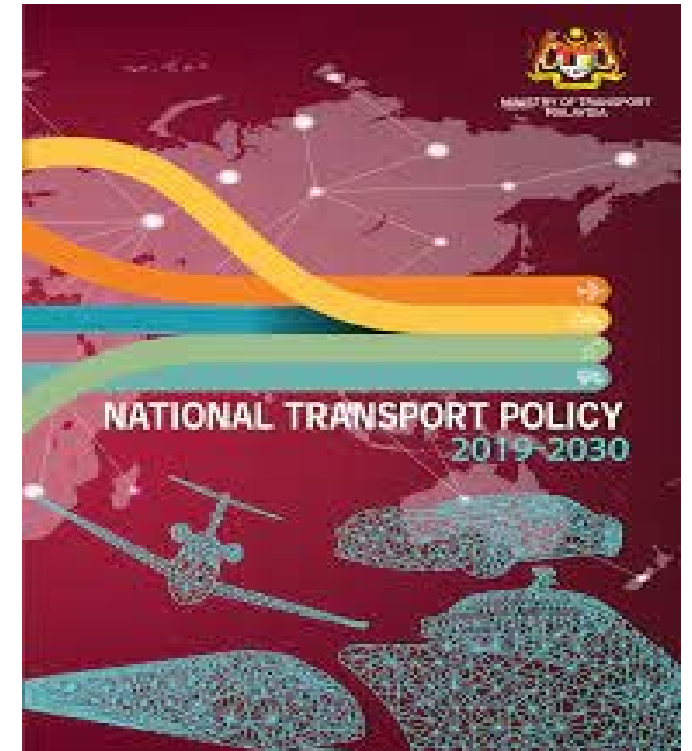
2021-2025

A PROSPEROUS, INCLUSIVE, SUSTAINABLE MALAYSIA

- **Enhancing Efficiency of Services**
 - Comply with International Standards



- **Action Plan – Improved and continuous accreditation of service providers meeting global best practice standards**
 - Develop accreditation standard for logistics service providers



- **Action Plan: Development of program in Collaboration with Department of Standard Malaysia for Cold Chain Logistics**



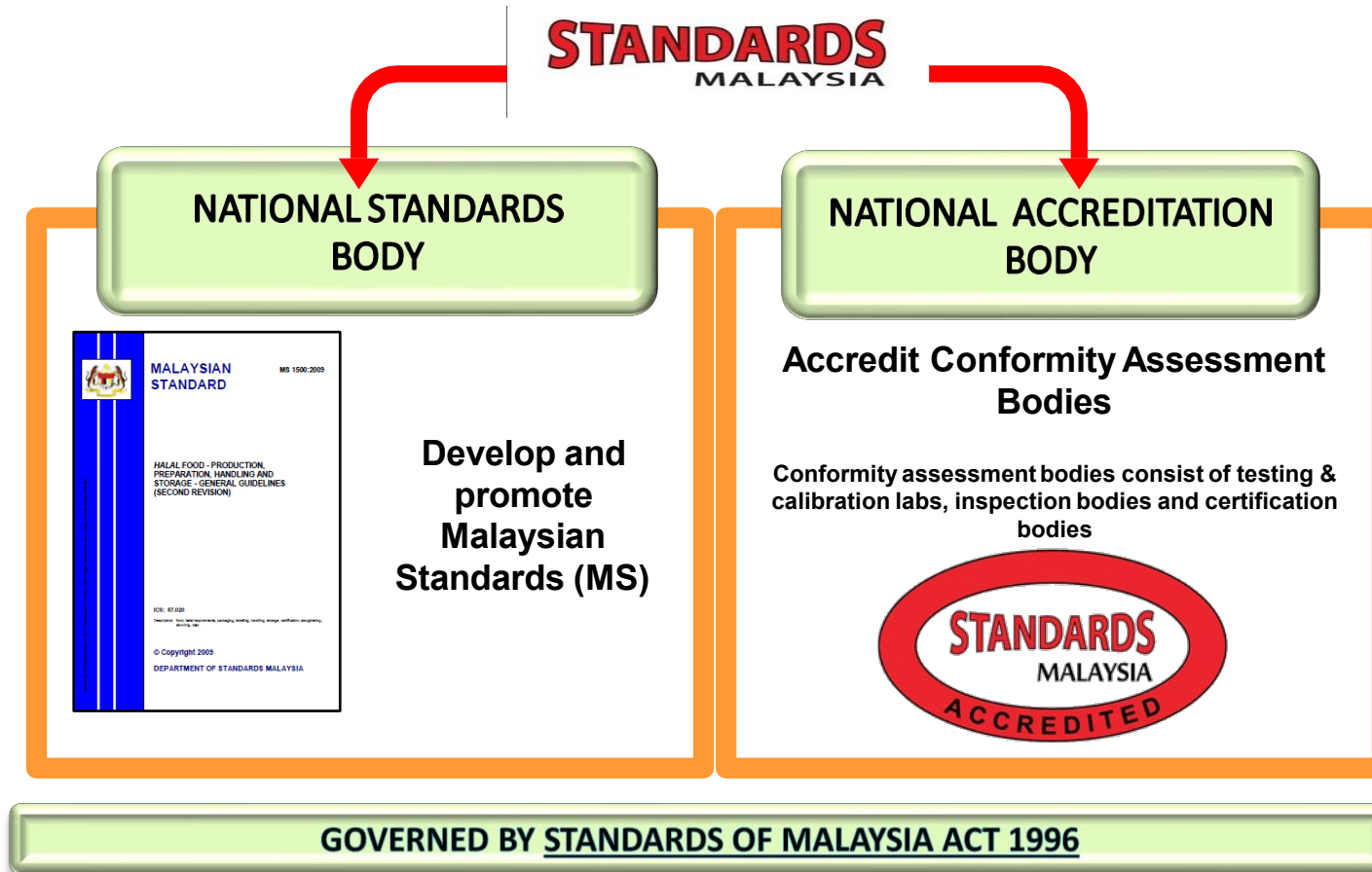


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MALAYSIAN STANDARD

DEPARTMENT OF STANDARDS MALAYSIA

A GOVERNMENT AGENCY UNDER THE MINISTRY OF INTERNATIONAL TRADE AND INDUSTRY



Source: Department of Standards Malaysia



25 NATIONAL STANDARDS COMMITTEES

NSC A	Agriculture
NSC B	Chemicals and Materials
NSC C	Consumer Interest
NSC D	Building, Construction and Civil Engineering
NSC E	Generation, Transmission and Distribution of Energy
NSC F	Mechanical Engineering
NSC G	Information Technology, Communication and Multimedia
NSC H	Petroleum and Gas
NSC I	Halal Standards
NSC J	Plastics and Plastic Products
NSC K	Logistics
NSC L	Transport
NSC M	Fire Safety and Prevention

NSC N	Rubber and Rubber Products
NSC P	Metallic Materials and Semi-finished Products
NSC Q	Textiles and Apparels
NSC R	Medical Devices and Facilities for Healthcare
NSC S	Electrical and Electronics Equipment and Accessories
NSC T	Tourism, Exhibition & Hospitality Services
NSC U	Food and Food Products
NSC V	Timber, Timber Structure & Timber Products
NSC W	Occupational Safety and Health
NSC X	Oil Palm and Oil Palm Products
NSC Y	Quality Management and Quality Assurance
NSC Z	Environmental Management

Source: Department of Standards Malaysia





MS DEVELOPMENT PROCESS



2 – 3 years

Project Owner

- Develop program to support standard developed

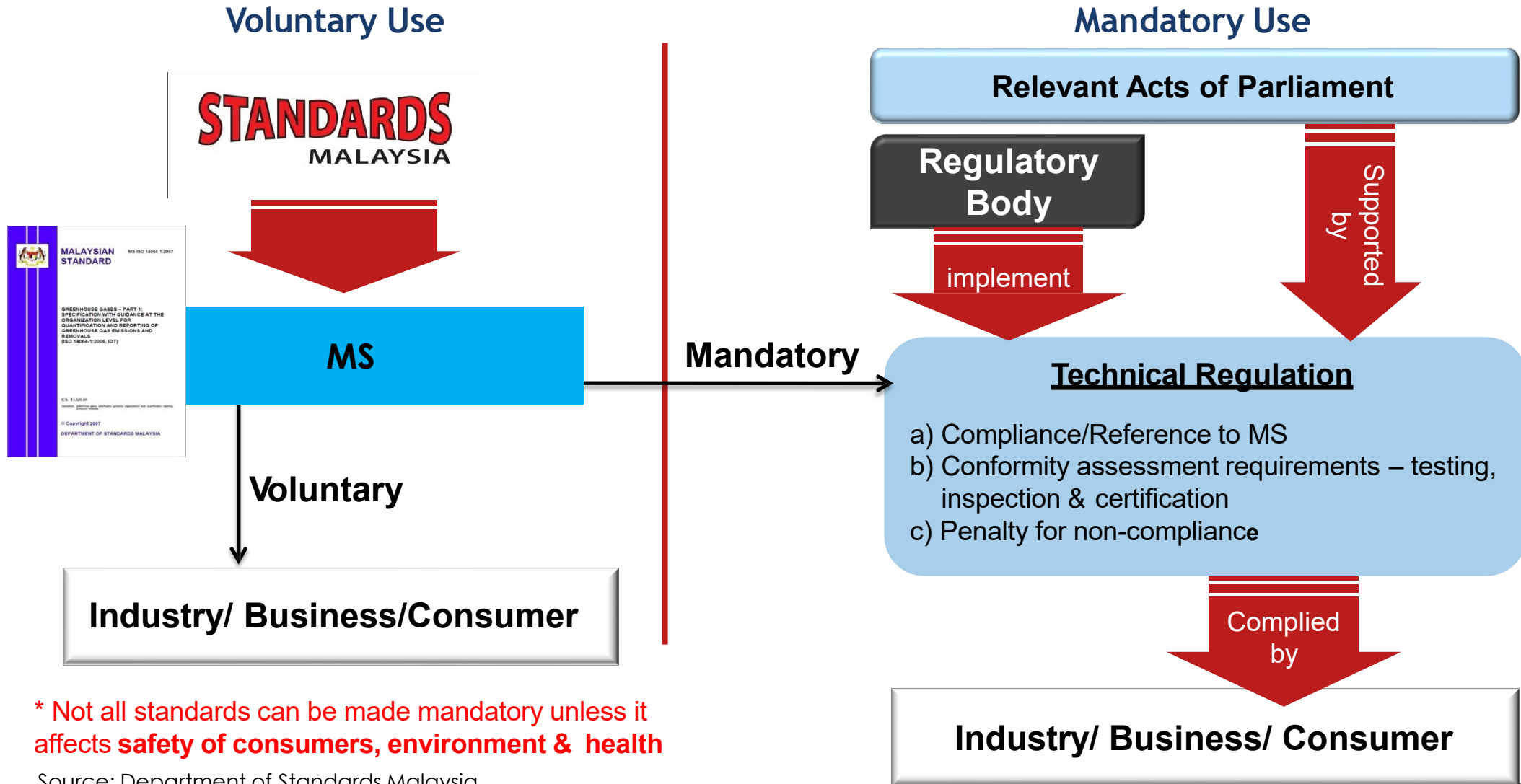
- Engagement with stakeholders
- Set up committee
- Approval to implement

Request for New Standard





IMPLEMENTING MS WITHIN MALAYSIA



* Not all standards can be made mandatory unless it affects **safety of consumers, environment & health**

Source: Department of Standards Malaysia





COLD CHAIN RELATED STANDARDS

- Halal Food - General Requirements

- Halal Supply Chain Management System –
 - Part 1: Transportation
 - Part 2: Warehousing
 - Part 3: Retailing



- Halal Cosmetics – General Guidelines (First Revision)

- Halal Pharmaceuticals – General Guidelines





ENHANCING EXISTING STANDARD

Cold Chain Standard in Malaysia

- Existing Standard (Related)
 - **MS2400-1:2019** Halal Supply Chain Management System – Part 1: Transportation – General Requirements (First Revision)
 - **MS2400-2:2019** Halal Supply Chain Management System – Part 2: Warehousing – General Requirements (First Revision)
 - **MS2400-3:2019** Halal Supply Chain Management System – Part 3: Retailing – General Requirements (First Revision)
- **JSA-S1004** – Cold Chain Logistics Services.
- **ISO23412** - Indirect, temperature-controlled refrigerated delivery services — Land transport of parcels with intermediate transfer
 - Engagement with relevant authorities, logistics industry will be conducted.
 - A program under National Transport Policy – develop cold chain standard
 - Collaboration with MLIT Japan to develop a program for cold chain standard





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THANK YOU

