

Importance of Cold Chain Logistics Standards

by
TASCO YUSEN GOLD COLD SDN BHD

7th February 2022



Our Corporate Profile



TASCO

 Yusen Logistics



CORPORATE SHAREHOLDERS STRUCTURE



28 Feb 1955

Established

355

Cities

595

Logistics base

47

Countries

23,544

Employees

2.58 mil sqm

Warehouse space



As of March 31, 2021

1974 - Establishment of TASCO
2007 - Listed in the Main Board of Bursa Malaysia
2017 - Acquired Cold Chain companies
2020 - MYR 747.4 mil Revenue as of 31Mac 2020



Deep knowledge and expertise across industry verticals



Automotive



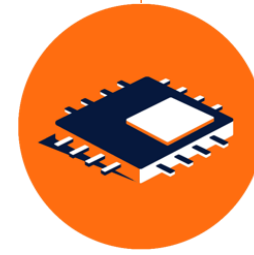
Healthcare



Retail



Aerospace



Technology



Food

Underpinned by core capabilities



Air Freight Forwarding



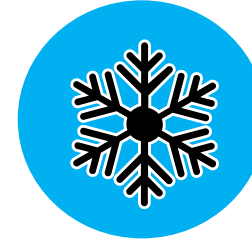
Ocean Freight Forwarding



Contract Logistics



Supply Chain Solutions



Cold Chain



Trading





Japan Overseas Infrastructure Investment Corporation for Transport & Urban Development

JOIN is a Japanese government-private sponsored infrastructure investment fund company established in Japan in October 2014.

For Japanese Companies



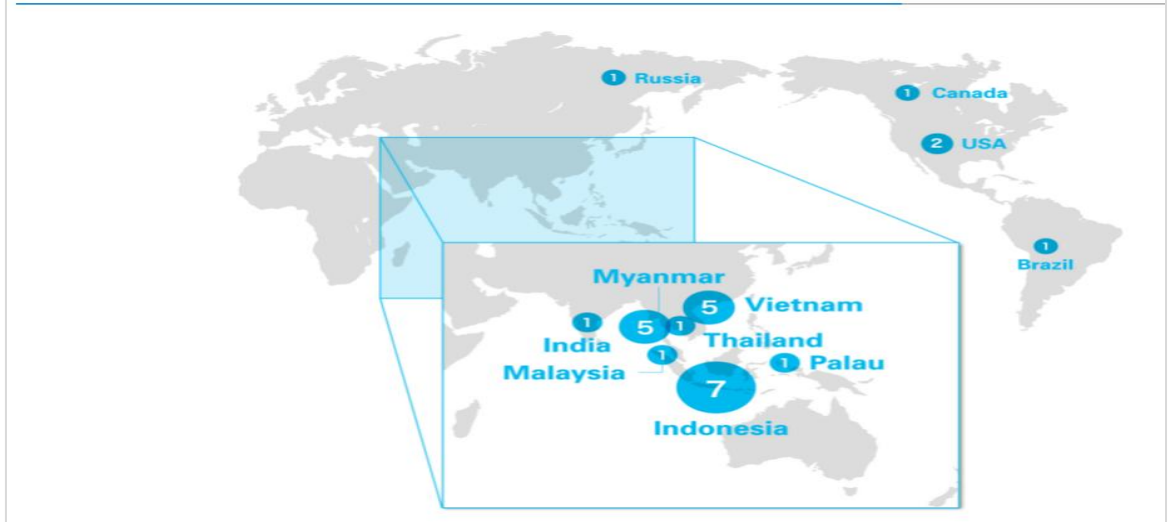
For Host Countries



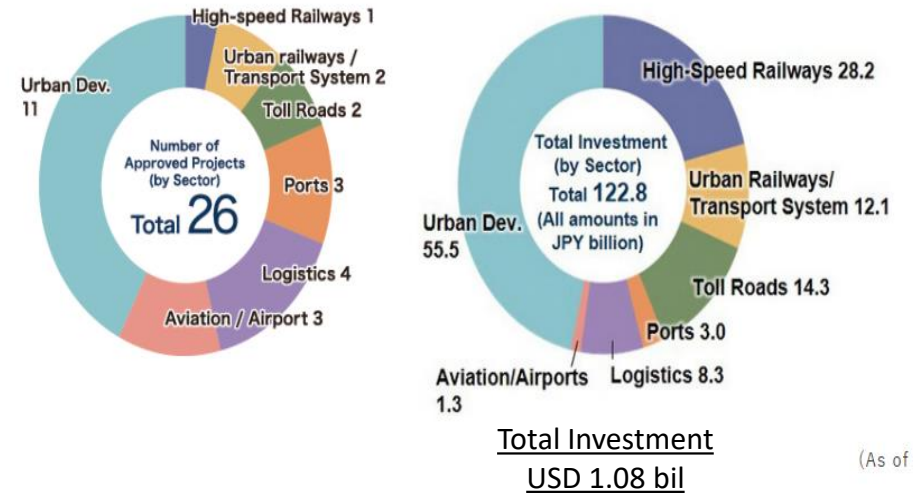
- Provide financial support and share investment risks.
- Act as a coordinator to relevant ministries and government institutions such as JICA, JBIC and NEXI.
- Provide "Hands-On" support such as seconding a board member to the project company, or supporting negotiation with government of host countries.

- Provide safe and reliable infrastructure.
- Provide technological solutions to operation.

Number of Projects Approved by Country/Region



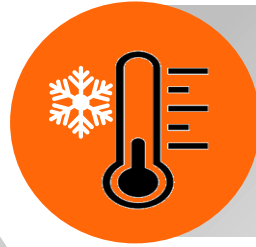
Number & Total Investment of Approved Projects (by Sector)



(As of February 2021)

TASCO YUSEN GOLD COLD SDN BHD (TYGC)





Food Cold Chain



Convenient Retail



Pharma & Healthcare



 **7** Logistics Centres

 **10** Warehouses

 **350k** Sq. Ft Retail Distribution Centres

 **56k** Pallets Temperature Storage

 **200+** Refrigerated Trucks

 **500+** Employees



Temperature-
Controlled Warehouse



Ambient /
Dry Warehouse



Refrigerated
Trucking Service



Cross Border
Trucking Service



Value Added
Service



International Sea &
Air Freight Forwarding



Customs
Brokerage



Customized
Solutions

Customs & Port Clearance



Air Freight



Sea Freight



Land Freight



Customs Brokerage



Haulage

Inbound

Warehousing



Multi Temperature Controlled storage



Inventory Management



Order Management



Value Added Services

Outbound

Reversed

Distribution



Domestic & Cross Border Distribution



Routing & Delivery Consolidation



24hrs GPS Monitoring

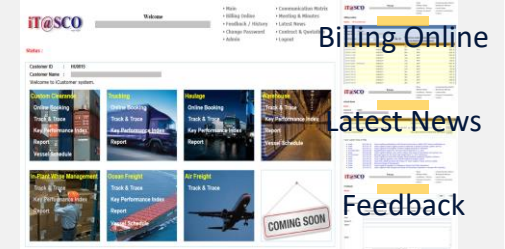


Multi compartment Truck

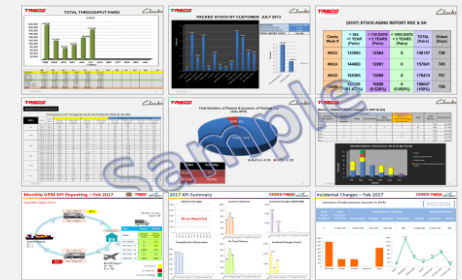
**Traceability
Reporting
Invoicing
Solutions**



Control & Support



iTasco Online System



KPI Reporting



Customized Solutions

Market Segment

- Food Producers
- Manufacturers
- Wholesalers
- Distributors
- Retailers
- Fast Food Chains
- F&B Restaurants
- E-Marketplaces

Product Segment



Ice Cream



Pastry & Bakery



Dairies



Meat



Fresh Produce



Seafoods



Poultry



Only Halal
certified products



ISO 9001
ISO 14001
ISO 22000

Standardization and quality assurance in a management system, process, service, or documentation procedures



Food or the products that are permissible for followers of Islam and no haram products or procedure is used while its manufacturing or processing.

by **JAKIM**

MS 2400:2010 (Part 2)
HALAL Warehouse
MS 2400:2010 (Part 1)
HALAL Transportation



Global Food Safety Standard

Global standard for food safety to ensure supplier compliance and secure retailers' ability to guarantee the quality and safety of the food products.

BRC Global Standard for Storage & Distributions Certifications

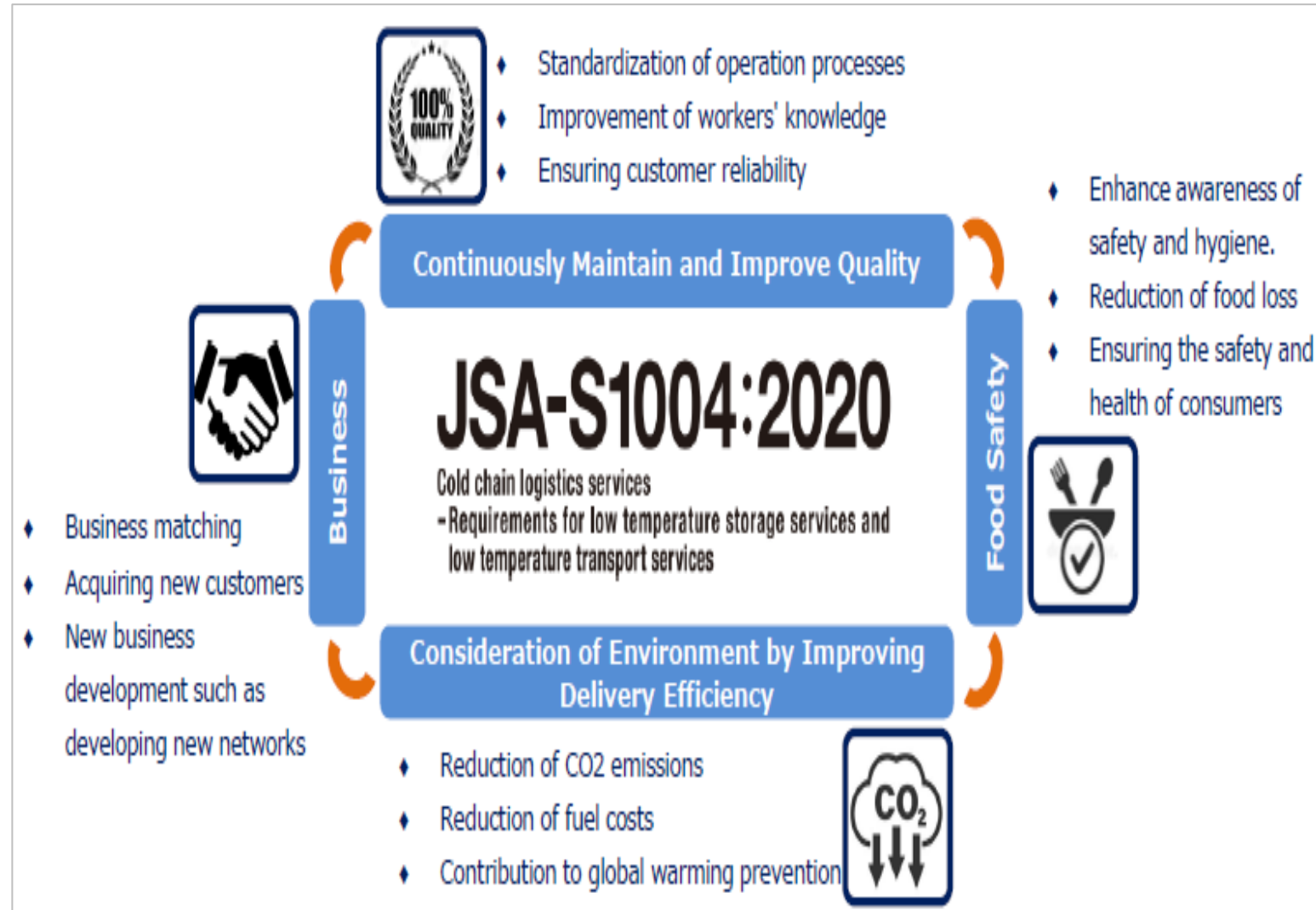


A membership organization that provides one of the world's leading online platforms for companies to manage and improve working conditions in global supply chains and to help companies improve their responsible and sustainable business practices, and source responsibly.

Ethical Trading Initiative (ETI) Base Code

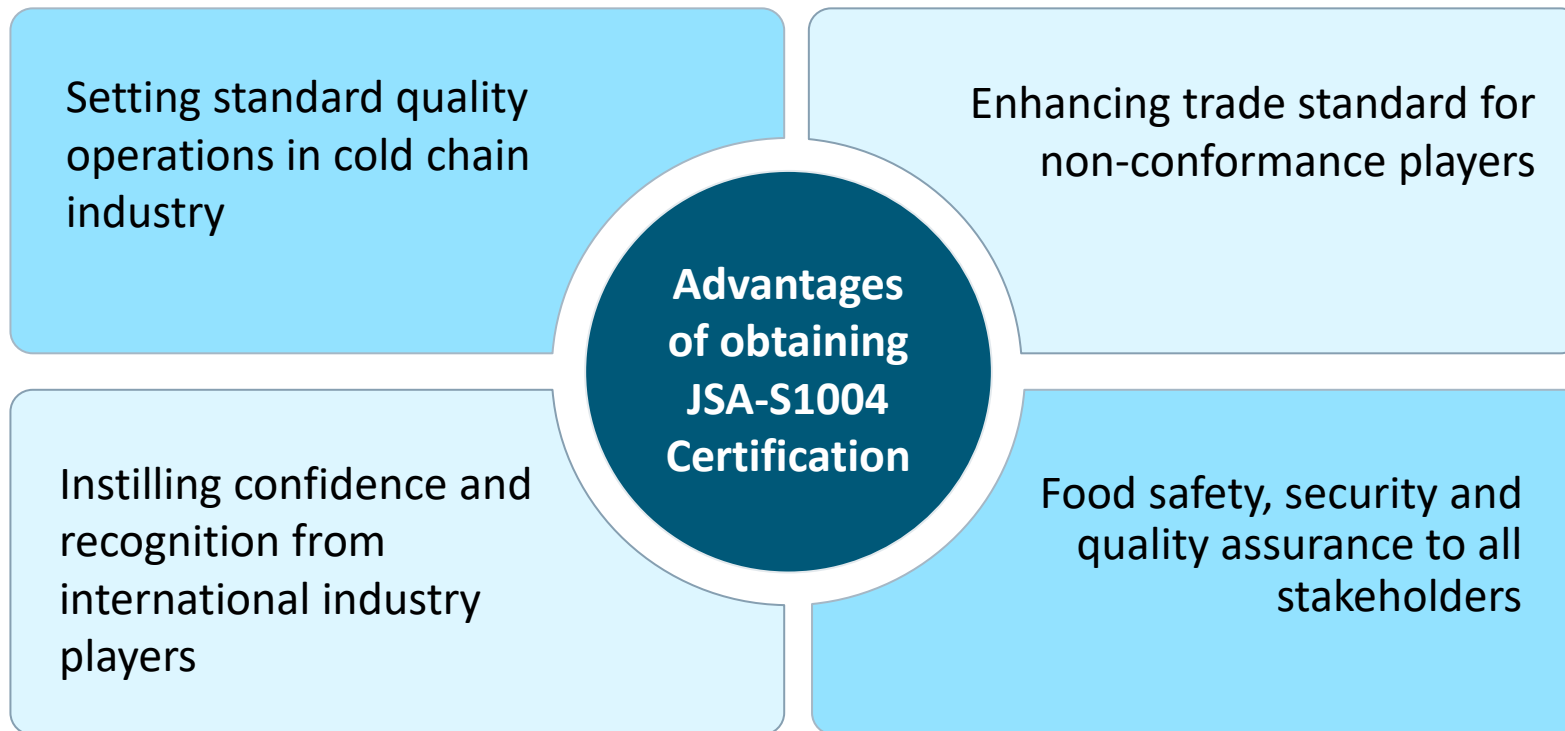
JSA-S1004:2020

- Requirements for low temperature storage services and low temperature transport services
- **Objective is to improve the quality level of cold chain logistics services.**
- it is a quality standard that was established based on " ASEAN-Japan Guidelines on Cold Chain Logistics ".
- The Guidelines were endorsed in the 16th ASEAN-Japan Transport Ministers Meeting held in 2018.
- Date Published: 30 June 2020

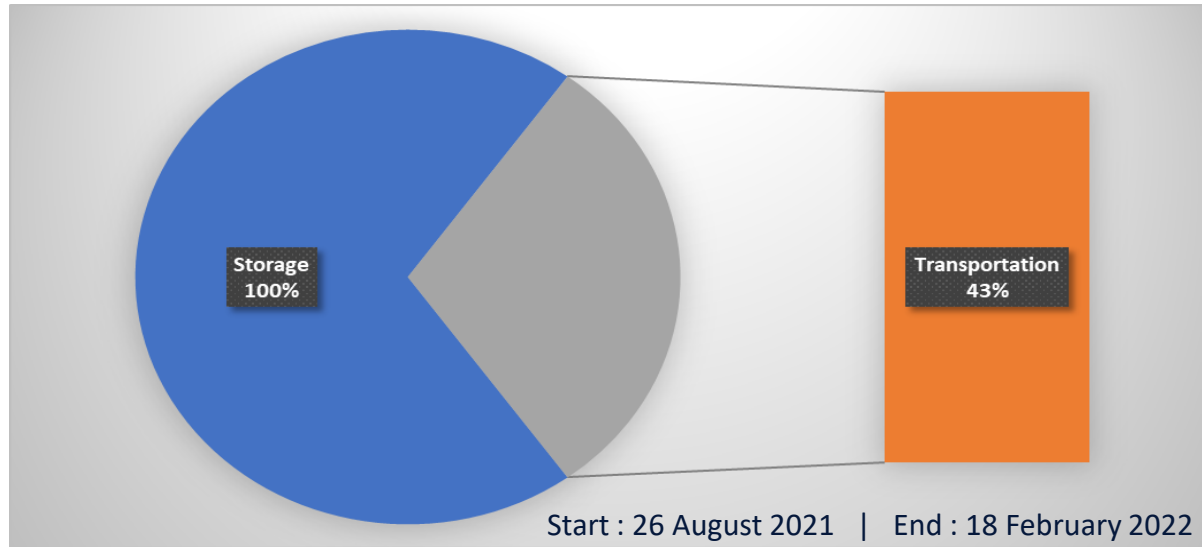


EXPECTED BENEFITS OF JSA-S1004 CERTIFICATION

- TYGC believes that with the recognition of JSA-S1004 will benefit the food and cold chain logistics industries in the aspects of:



TYGC is going through the JSA-S1004 Documentation Audit Progress by **NK Class**:



| Date | Description | Progress | |
|-----------|---|---------------------|---------|
| | | by Module | Overall |
| 26-Aug-21 | Project kick-off | | |
| 14-Sep-21 | 1st review meeting - Low temperature storage services | | |
| | 3.1 Compliance with local rules, Laws and Regulations | 100% | 71.50% |
| | 3.2 Loading cargo into the Low Temperature Warehouse | | |
| | 3.3 Low temperature storage | | |
| | 3.4 Shipping out | | |
| | 3.5 Ensuring the Safety and Hygiene | | |
| | 3.6 Education and training | | |
| | 3.7 Maintenance and Management of Equipmet and Facilities | | |
| 22-Dec-21 | 10th meeting - Low temperature transport services | | |
| | 4.1 Compliance with local rules, Laws and Regulations | 43% (4.1 to 4.3) | |
| | 4.2 Loading cargo into the Low Temperature Vehicle | | |
| 11-Jan-22 | 4.3 Transport | | |
| | 4.4 Transferring, Loading and Unloading | | |
| | 4.5 Ensuring the Safety and Hygiene | | |
| | 4.6 Education and training | | |
| | 4.7 Maintenance and Management of Equipmet and Facilities | | |
| 18-Feb-22 | Completion of JSA-S1004 audit | | |

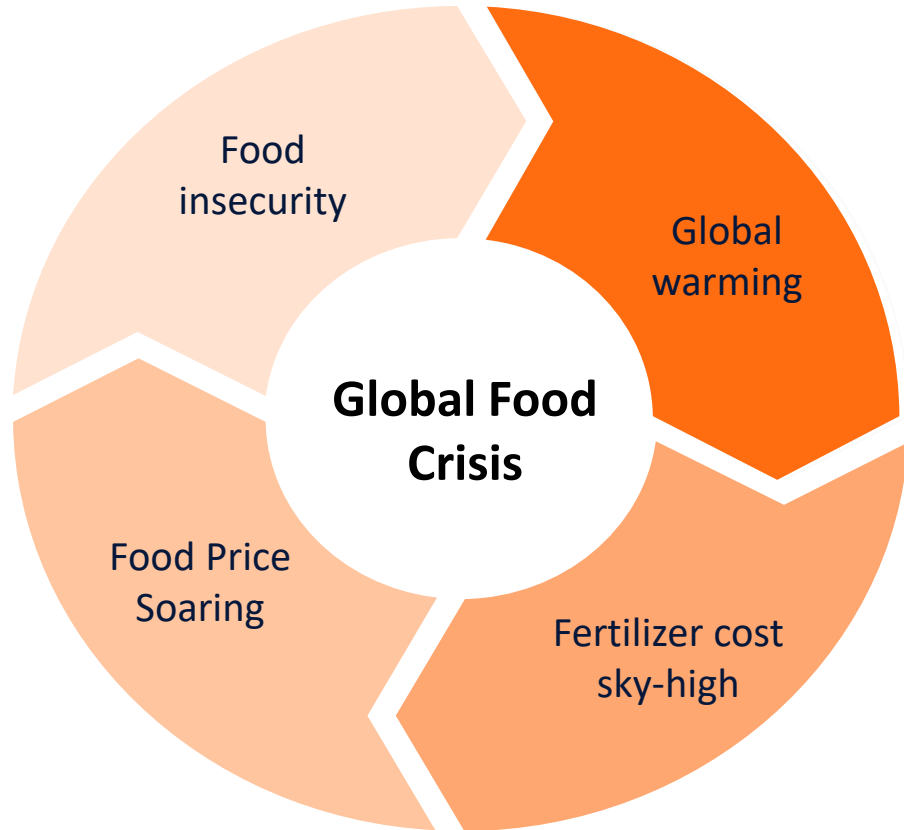
Managed by a team of well trained and knowledgeable Compliance & Safety Division of TYGC



| Effects | Measurements |
|--|--|
| <ul style="list-style-type: none">• Movement Restriction• Changes in consumers' behavior• Closure of food production facilities• Restricted food trade policies• Financial pressures• Vaccines distribution and cold chain logistics readiness• Supply chain disruption• Rise in food and goods prices• Threatening to food safety, security, and nutrition. | <ul style="list-style-type: none">• Coordination, planning, and monitoring at the country level• Prevention and control of infection• Entry points controls• Risk communication• Financial aids• Situation management• Operational support and logistics• Cold chain specialization, logistics know-how and global network. |

Industry Outlooks

- Adopting new workplace policies and actions to reduce human contact;
- Demand in cold storage to preserve the food quality, shelf life and safety.
- Efficient temperature-controlled distribution channel is inevitable.
- Demand in last mile delivery services.
- Online supply chain system readiness that is accessible to logistics and financial support
- Resilience supply chain strategy
- Digitalization, robots and AI replacing manual and high skilled work force.



Recommendations :

- Malaysia should consider building agricultural production collection centres at right locations easily reached by small-scale farmers with high capacity storage;
- Improved and advanced storage structures also can be used to minimize the loss of foods throughout the food value chain;
- Development of regional food bank provisions for protein and fresh agricultural provisions;
- In order to preserve the quality and food safety, it would be a reasonable idea that the Government to consider JSA-S1004 standard as a requirement to Food Bank and storage operators.

THANK YOU

For any questions or comments regarding to the content of this material, please contact:

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