

Pillar 3 : Multi-layered Connectivity

Case (38): International standardization in the cold chain logistics

1. Basic concept

- Despite the growing demand for the cold chain logistics services that need temperature control in the ASEAN area, the logistics network has not been well developed yet and many inadequate logistics services are seen, which causes problematic issues including health damage and dispose of food in the process of being transported.
- The dissemination of Japanese-style cold chain logistics service standards (JSA-S1004) can lead to building a healthy market in which adequate quality of services is chosen. This will contribute to a reduction of health damage and food loss.
- Additionally, through the development of more recognized ISO standards based on JSA-S1004, a healthy market environment where the quality is prioritized needs to be created.

2. Items of cooperation

- Toward the dissemination of JSA-S1004, Japanese government will cooperate with relevant ministries, agencies and logistics businesses to reach out to the partner countries.

(Examples) Policy dialogue between the two countries and holding workshops

Implementation of pilot transportation program

Formulation of individual action plans for designated five ASEAN countries (Malaysia, Indonesia, Thailand, Philippines, Vietnam),

international standardization based on JSA-S1004 (ISO/TC315)

Standardization of Japanese-style cold chain logistics service



Small-lot refrigerated distribution service (B to C)



ISO23412 *Issued in May 2020

[Raising awareness of international standards] *Collaboration with the Ministry of Economy, Trade and Industry
○Encouraging efforts toward the national standardization and spread of this standard in ASEAN countries.
→Thailand achieved the national standardization in June 2021. Continuing to encourage other ASEAN countries

Cold chain logistics service (B to B)



JSA-S1004 *Issued in June 2020

[International standardization + promotion of Japanese standards]

○Toward the issue of the international standards based on JSA-S1004, Japan will lead the discussion on ISO ○Developing action plans toward the dissemination of JSA-S1004 in the designated five ASEAN countries (Malaysia, Indonesia, Thailand, Philippines, Vietnam)