



APEC Seminar on Food Value Chain to Foster the Rural Urban Development in Asia Pacific Region

Can Tho, 20 August 2017

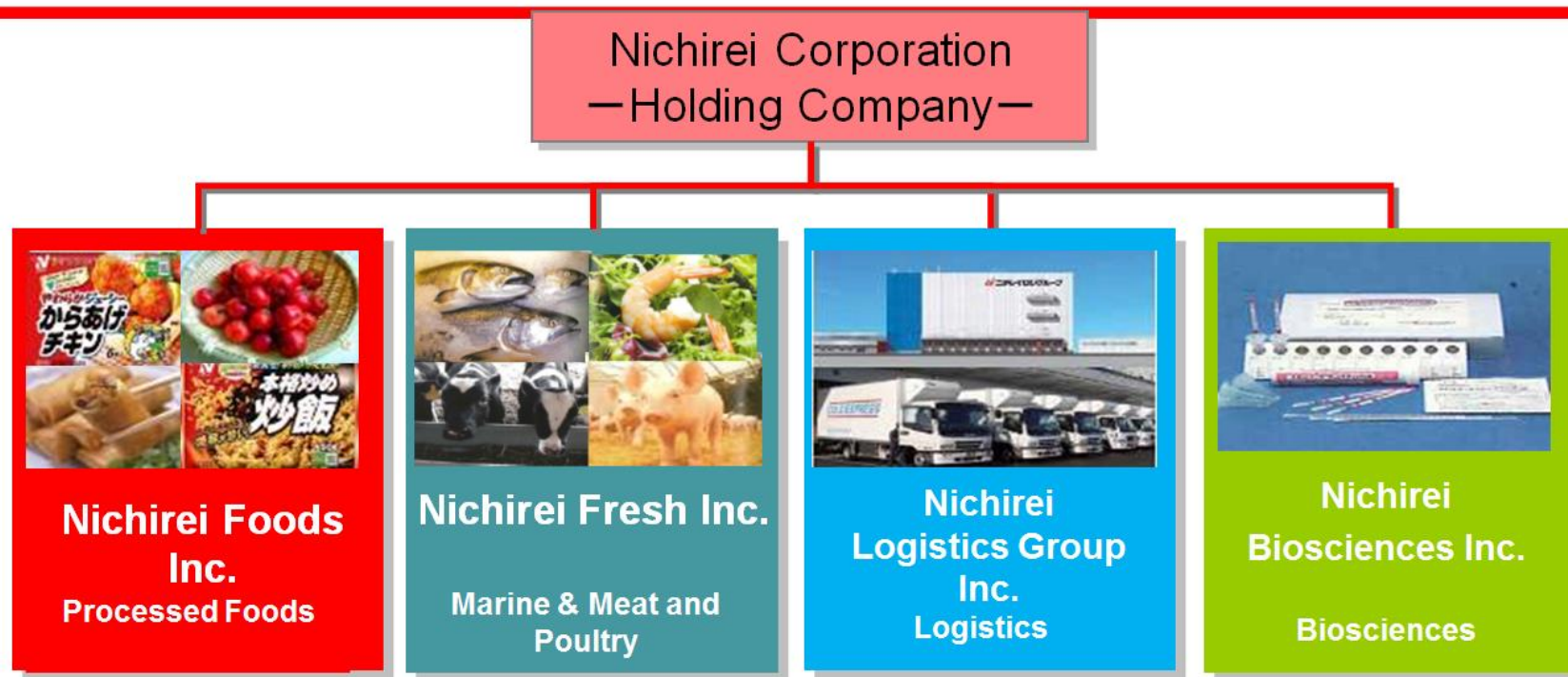
Cold Chain Logistic Service



**Nichirei Logistics Group Inc.
Overseas Business Development Division**

**Motoyuki Hazu
Executive Officer**

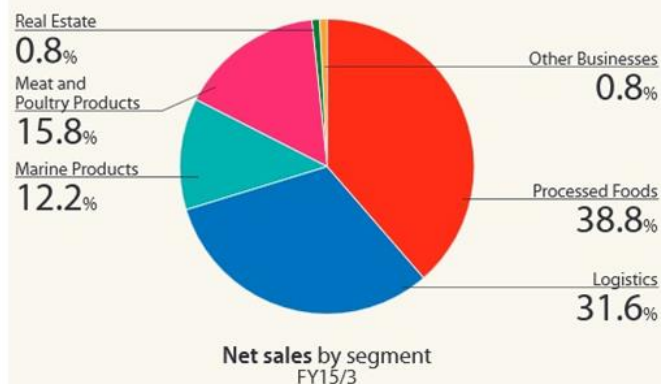
1. Corporate Profile



■ Overview of Nichirei Group

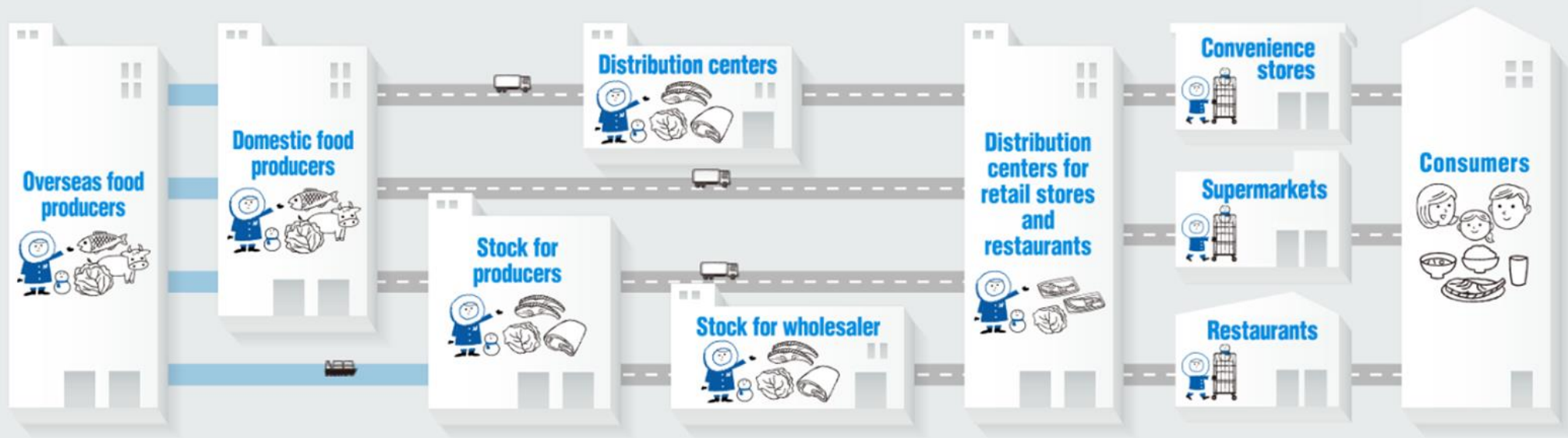
Paid in Capital : \$269 Million
Net Sales : \$4.75Billion
Operating Profit : \$192 Million
(FY2015) ※@JPY 112.68/\$
No. of Employee : 14,118

Nichirei 2015



2. What is Cold Chain

Our cold chain connects food producers to consumers



Cold Chain :

The seamless temperature controlled logistics from original points to destinations.

This is quite important infrastructure for our dietary life.

3. Function of Cold Chain

1. Keeping Perishable Food Quality and Safety
2. Gap Filling between Production area and Consumption area

Geographic Shift
> Widening Market

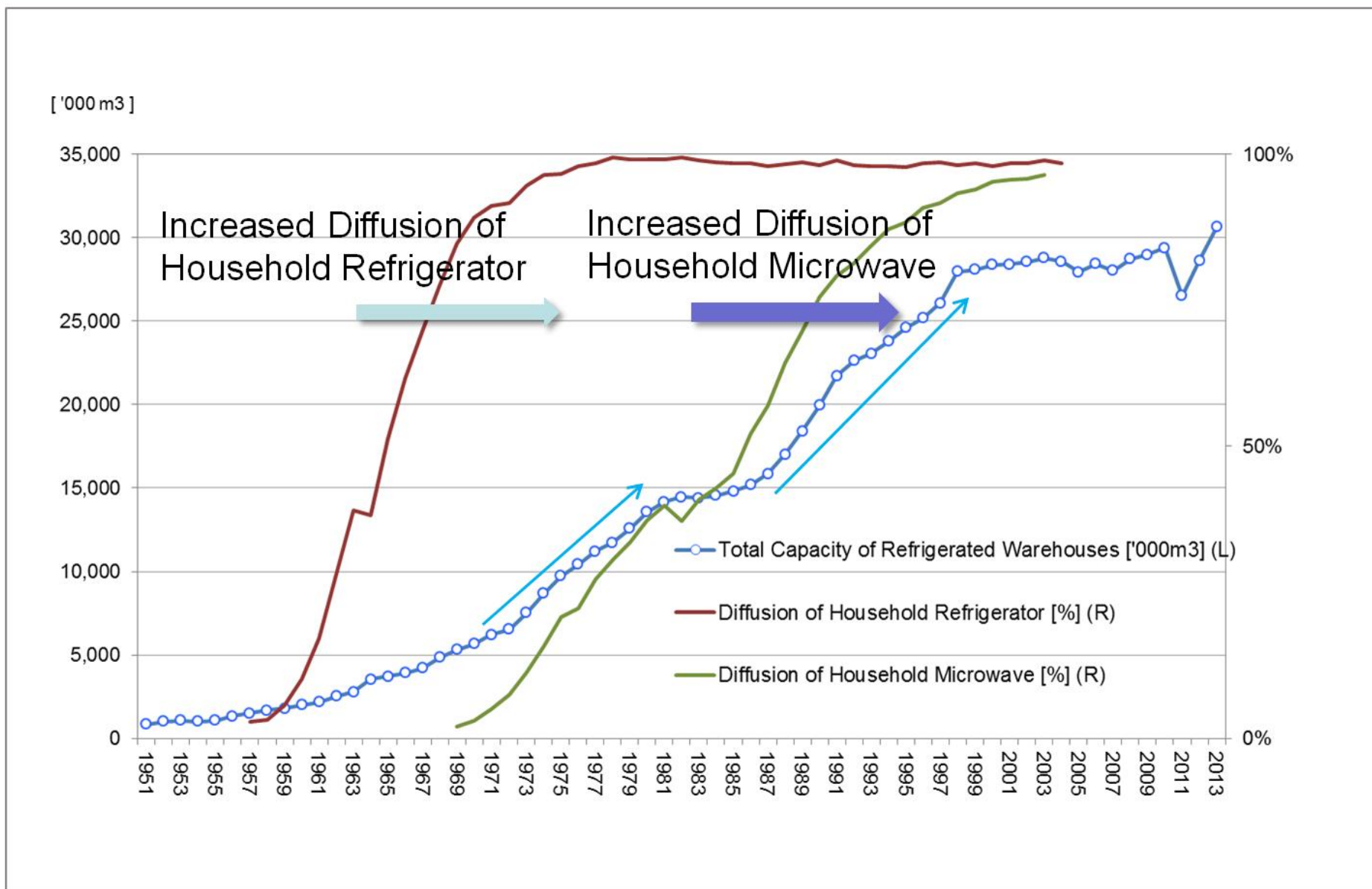
3. Gap Filling between Supply and Demand

Time Shift
> Price stabilization



4. Food Loss Reduction
5. Promotion of new Food Processing Businesses

4. Coldstore Development in Japan



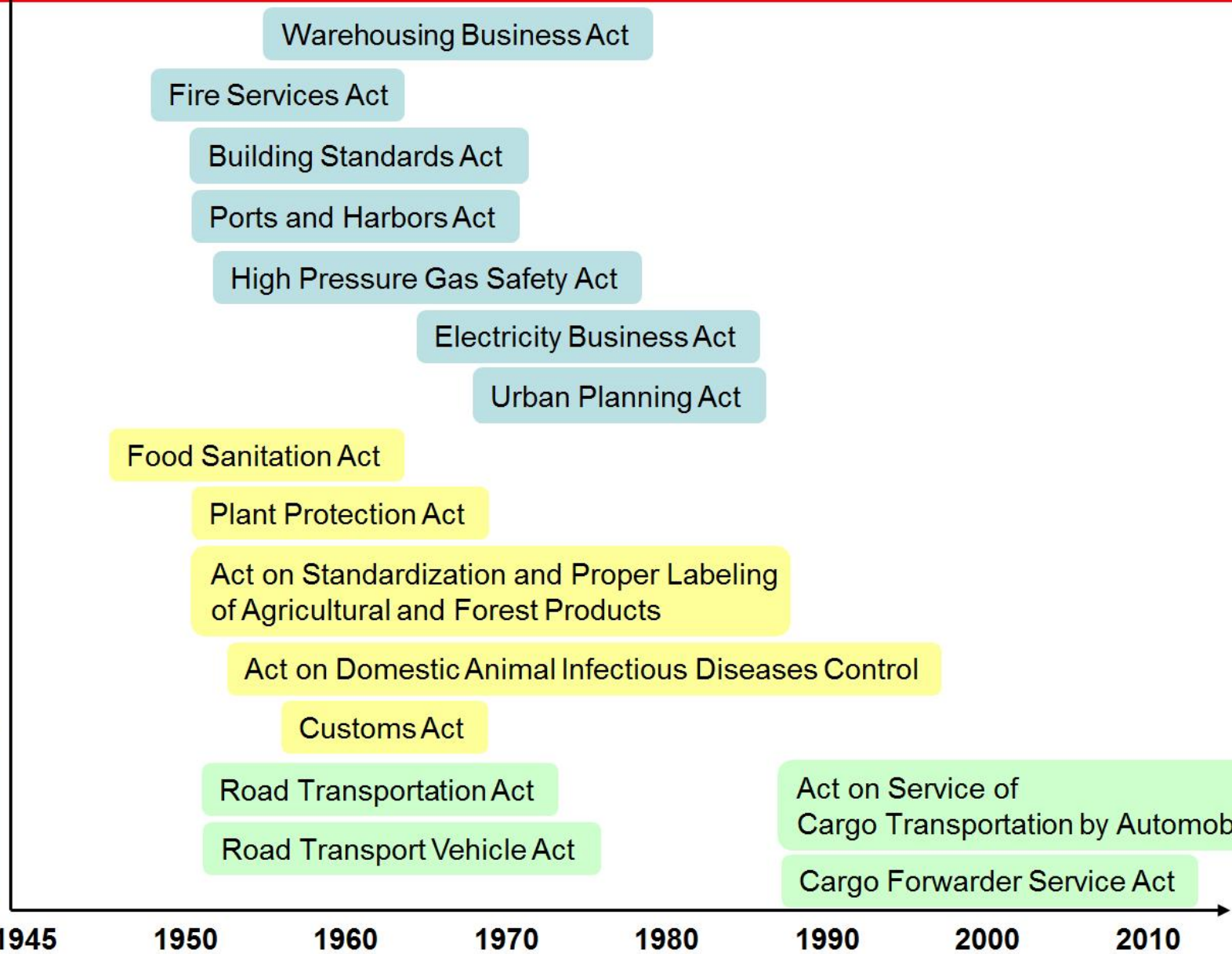
5-1. <Public Sector> Legislation / Maintenance of Law



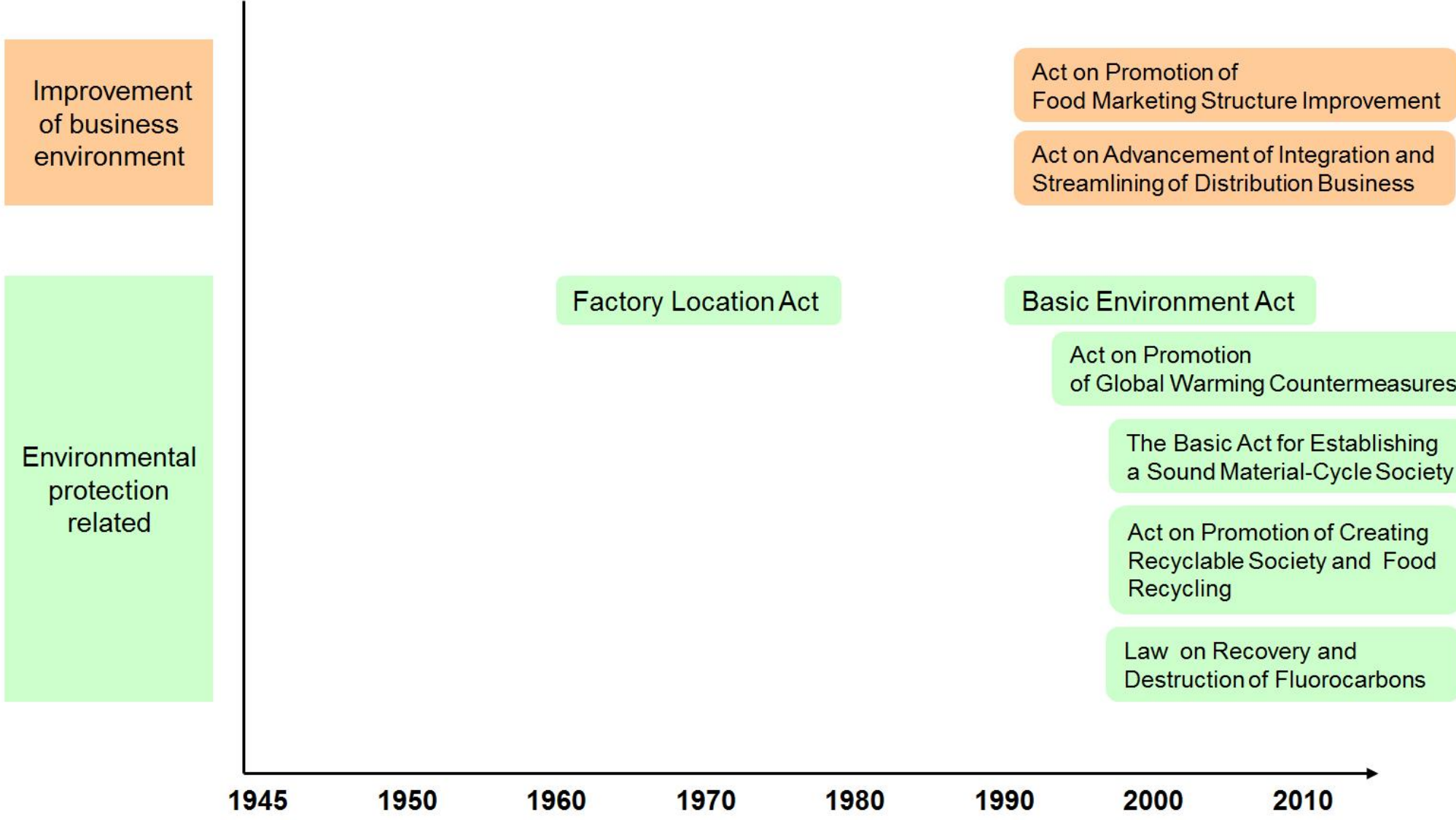
Refrigerated warehouse facilities related

Food industry related

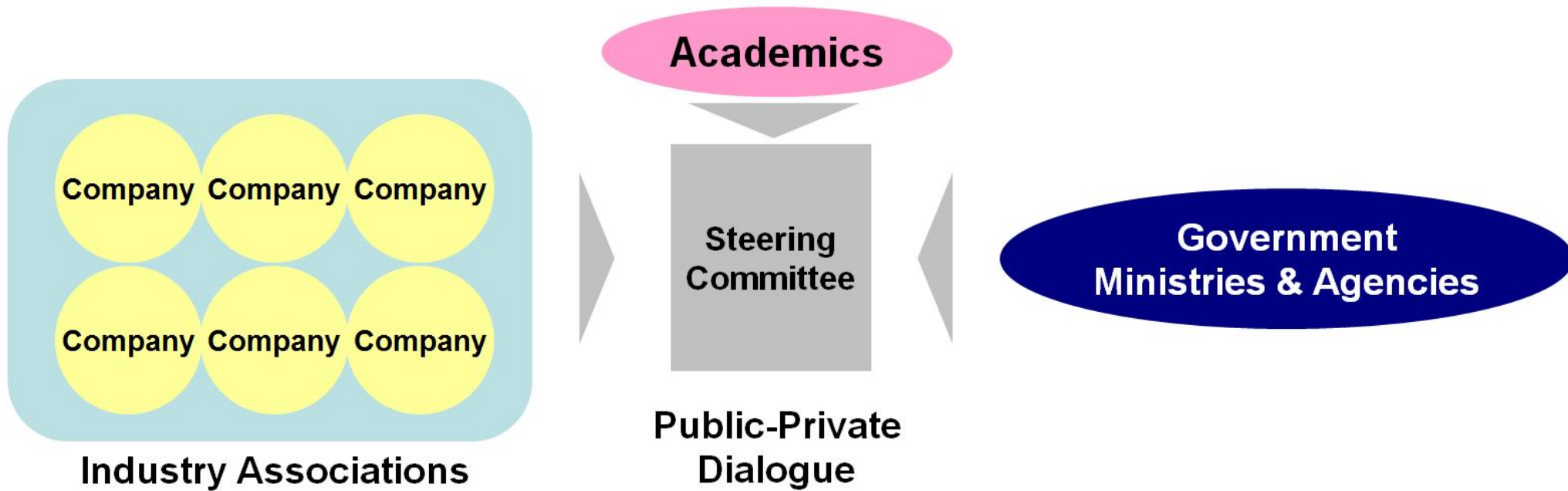
Transportation industry related



5-2. <Public Sector> Legislation / Maintenance of Law



6. <Private Sector> Industry Associations in Japan



Role of Industry Associations

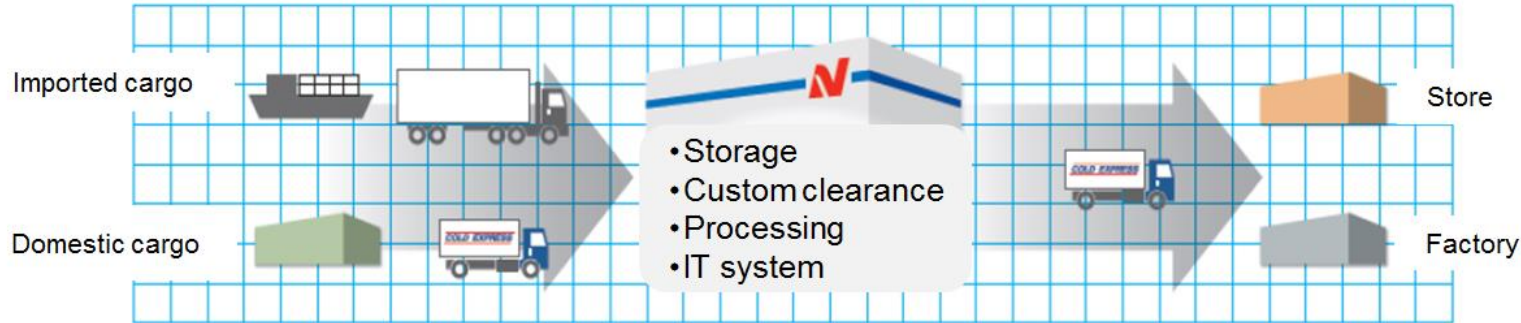
- Policy proposal
- Dialogue with governments
- Establishment of industry-standard / rule
- Development of industry statistics
- Public relations

Typical Industry Associations

- Japan Association of Refrigerated Warehouse
- Japan Frozen Food Association
- Japan Trucking Association
- Japan Business Federation “Keidanren”
- Japan Association of Corporate Executives

7. Function of Distribution Center (DC)

We meet the various needs of our customers with the service covering all of Japan



✓ STORAGE Service

- Cargo storage with excellent temperature control and high security

✓ FORWARDING Service

- Specialized Customs Clearance service for foods incl. Veterinary Check

✓ PROCESSING Service

Freezing

Shock freezing to ensure food quality

Thawing

High Performance Thawing Machine

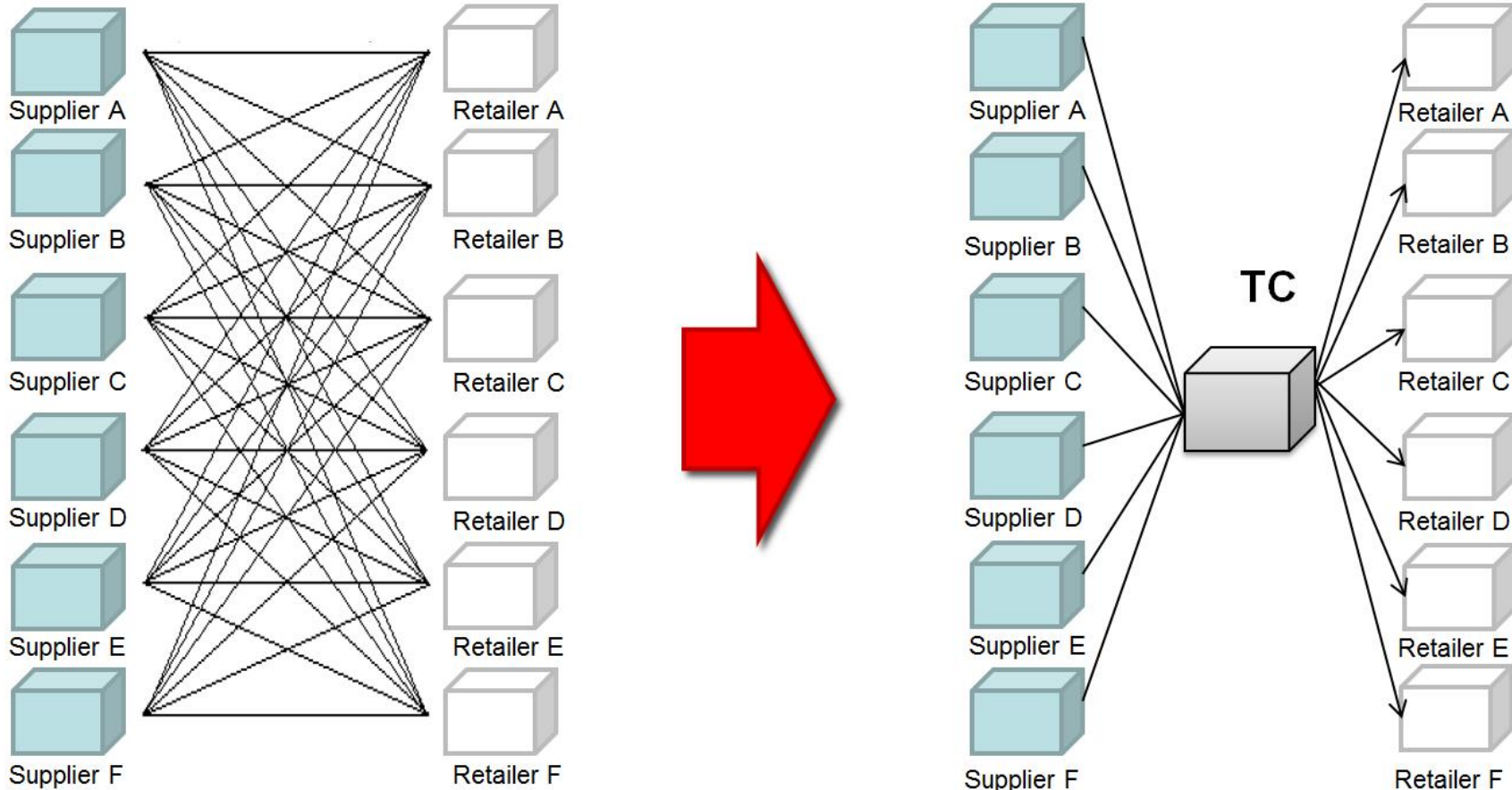
Processing

Cutting, repacking etc.



8. Function of Transfer Center (TC)

Transfer Centers (TC) are temporary storage type logistics centers. Due to the elimination of multiple deliveries, the total transportation mileage is reduced. This system provides cost savings and environmentally friendly logistics.

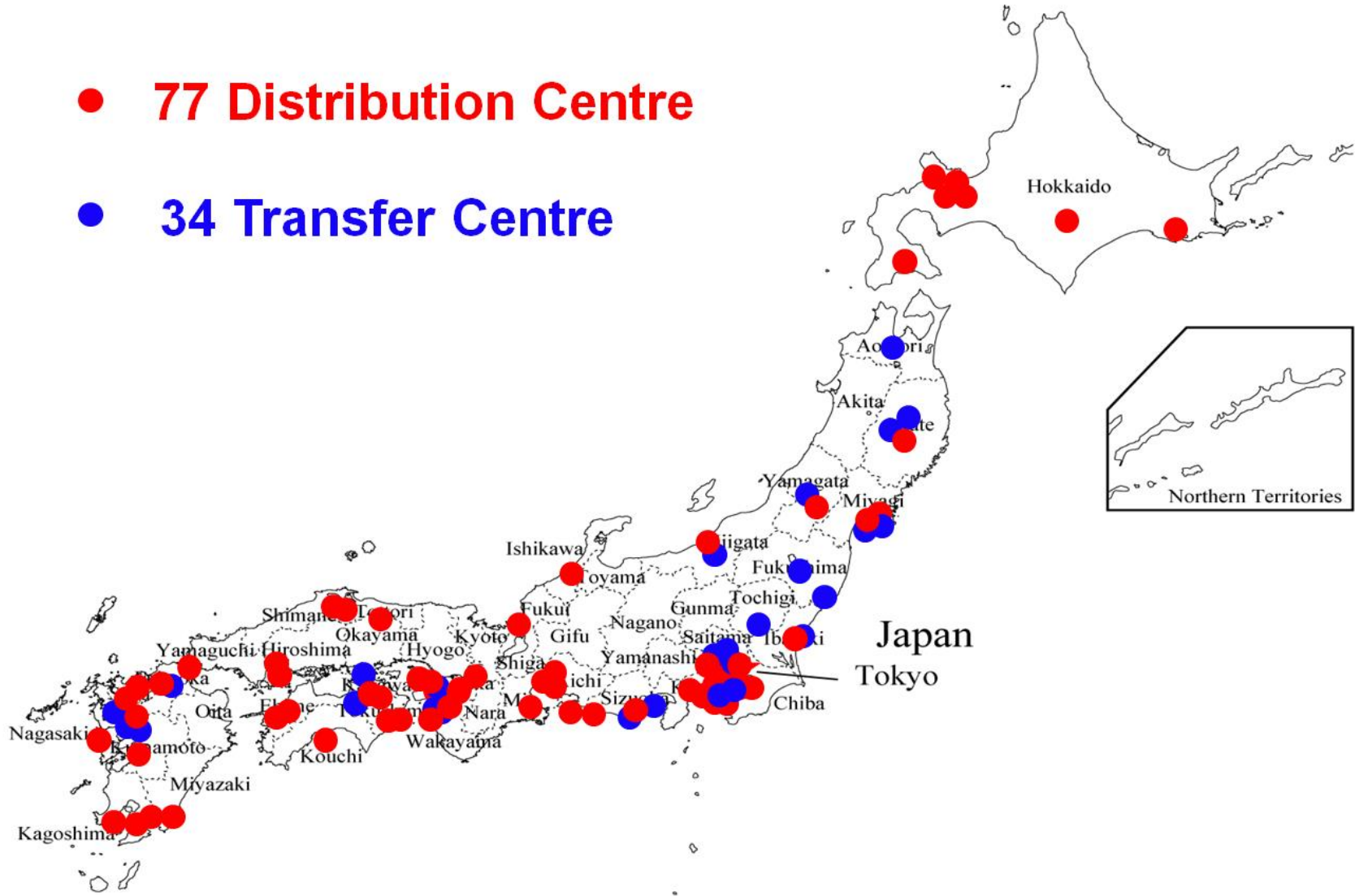


$6 \times 6 = 36$ deliveries

$6 + 6 = 12$ deliveries

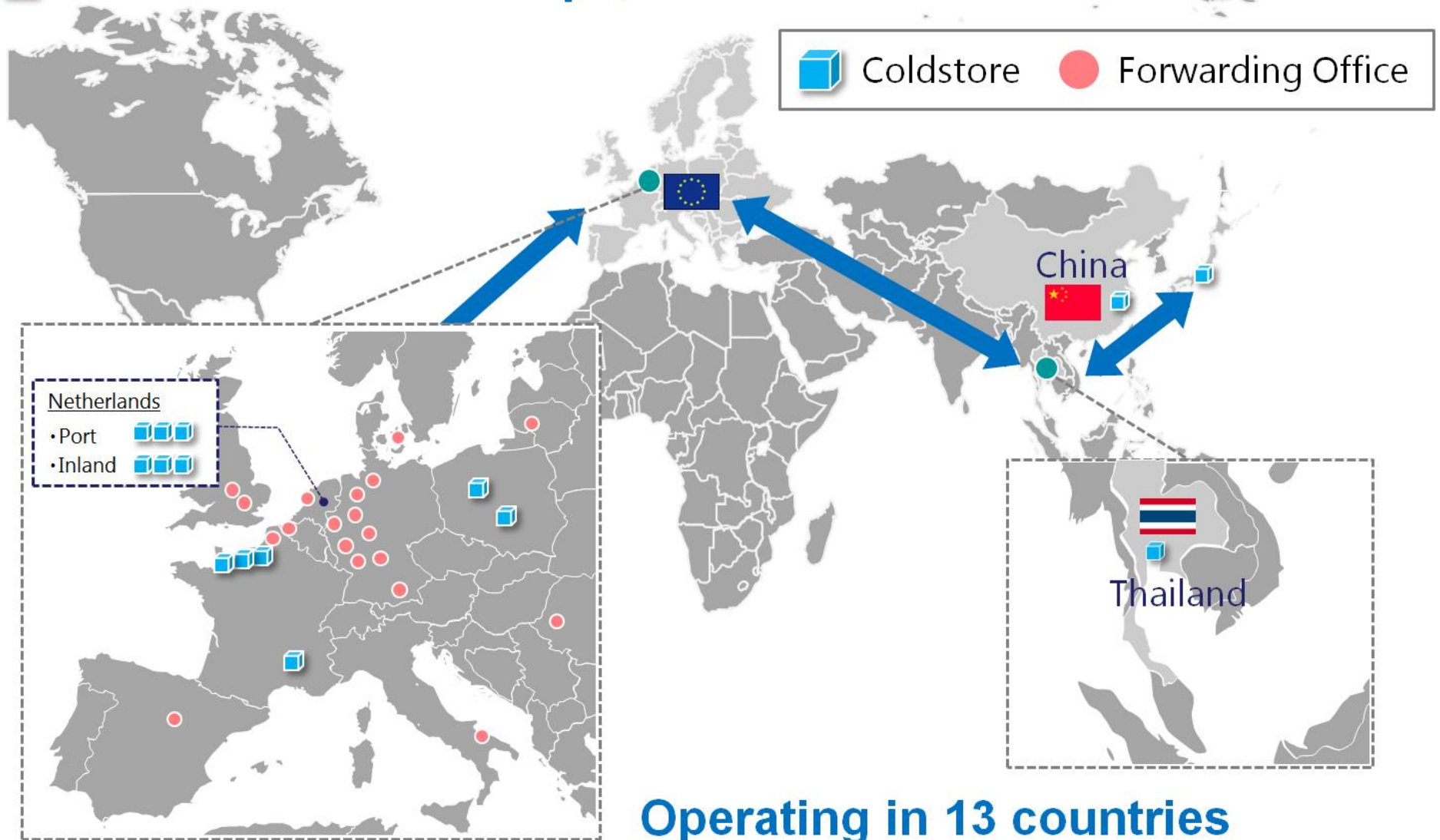
16. Our Coldstore Location in Japan

- **77 Distribution Centre**
- **34 Transfer Centre**



17. Our Global Operation

12 Coldstores in Europe, 2 in Asia



Operating in 13 countries

Thank you for your attention

