ASEAN Logistics Network Map

Brief introduction of our study in 2006 and hereafter

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Objectives of the study

2 Objectives:

1. To provide useful information on logistics

2. To clarify the present situation of logistics network

- To identify bottlenecks
- To propose measures for improvements
Policy Recommendations

Logistics Facilitation

ASEAN Countries

ASEAN Logistics Network Map

Japanese Companies

Strengthen competitiveness of ASEAN region and Japanese companies

JETRO will implement projects to solve bottlenecks.
Structure of the study (2006)

- Route survey for 7 priority routes
  - Transportation mode: land, sea, air
  - Door-to-door cost and time are analyzed by each phase of transportation.

- Logistics database (CD-ROM)
  - Hard infrastructure & soft infrastructure
  - User-friendly (works on web browser)

Route survey: surveyed routes

Route 1: Thailand - Malaysia - Singapore
Route 2: Thailand - Laos - Vietnam (Hanoi) (EWEC)
Route 3: Vietnam - South China
Route 4: Thailand - Myanmar (EWEC)
Route 5: Thailand - Cambodia - Vietnam (Ho Chi Minh City)
Route 6: Singapore - Indonesia
Route 7: Thailand - Philippine
Transportation Time of Steel Wire from China to Vietnam by Air

In this sample, the import custom clearance in Vietnam takes most of the time, and it diminishes the merit of air transport.
In this sample, the domestic transportation cost in Philippine holds the largest share, while customs clearance also costs much in both countries.
Database: screen layout

Select Type of Information

Select Country
Database: collected data

- **Basic Information**: Basic Information, Intra ASEAN Trade, Development Projects, Population Density, Dangerous Areas, etc.
- **Road Information**: Major Road Network, Basic Information, Traffic Volume, No. of Lanes, Surface Condition, Vehicle Capacity Ratio, etc.
- **Port Information**: Major Port Location, Basic Information, Leadtime to Major Ports, Container Movement, Freight Rate, etc.
- **Air Port Information**: Major Air Port Location, Frequency of Flight, Leadtime to Major Air Ports, etc.
- **Railway Information**: Railway Network, Basic Information
- **Regulations/Procedures**: Custom Procedures, EDI, Legal System, Logistics Education, etc.
- **Logistics Column**: Hot Issues concerning Logistics in ASEAN
Most of the data are visualized as maps, so that users can grasp the image easily.
Database: sample maps 2
Our study in 2007

We need to improve data accuracy to enhance reliability.

To focus on 3 routes
- Thailand – Malaysia – Singapore – Indonesia
- Thailand – Laos – Vietnam – South China
- ASEAN – India

To look at not only cost and time but also quality (i.e. damage, delay, etc)

To conduct trial transportation

Policy Recommendations

Suggestion for improvement & showing improvement effect

We need your cooperation from ASEAN-side to collect and update data !!!

Japan External Trade Organization (JETRO)