WCO Time Release Study (TRS)

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Lee Sanghyup
WCO, ROCB

TRS; Long History

– '94, WCO Handbook

– '01, WCO Guideline (Ver. 1)

– '11, WCO Guideline (Ver. 2)

– AU, JP, KR…..

Time Release Study

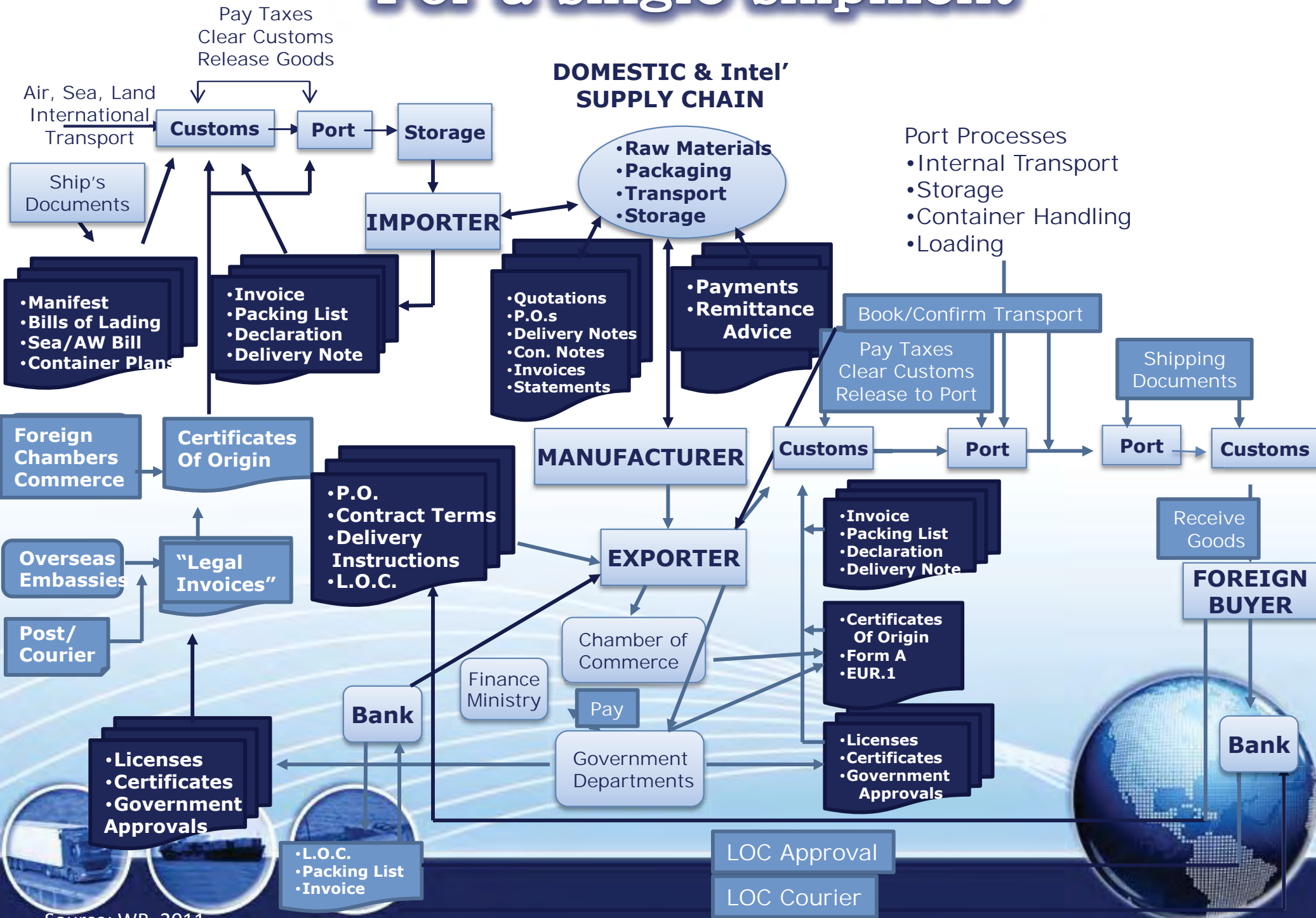| Shipping company Shipping agent Port Authority, etc.	Importer, Customs broker Container Yard OGAs, etc.	Customs, Bank, Customs broker	Port Authority Container Yard Warehouse, Forwarder, etc.	
Ship's Arrival	Uploading	Declaration	Permission	Delivery

For a single shipment

DOMESTIC & Intel' SUPPLY CHAIN

Pay Taxes
Clear Customs
Release Goods

Air, Sea, Land
International
Transport

Customs → **Port** → **Storage**

Port Processes
- Internal Transport
- Storage
- Container Handling
- Loading

Ship's Documents

IMPORTER

- Raw Materials
- Packaging
- Transport
- Storage

- Manifest
- Bills of Lading
- Sea/AW Bill
- Container Plans

- Invoice
- Packing List
- Declaration
- Delivery Note

- Quotations
- P.O.s
- Delivery Notes
- Con. Notes
- Invoices
- Statements

- Payments
- Remittance Advice

Book/Confirm Transport

Pay Taxes
Clear Customs
Release to Port

Shipping Documents

Foreign Chambers Commerce

Certificates Of Origin

MANUFACTURER

Customs → **Port** → **Port** → **Customs**

- P.O.
- Contract Terms
- Delivery Instructions
- L.O.C.

- Invoice
- Packing List
- Declaration
- Delivery Note

Receive Goods

Overseas Embassies

"Legal Invoices"

EXPORTER

- Certificates Of Origin
- Form A
- EUR.1

FOREIGN BUYER

Post/ Courier

Chamber of Commerce

Finance Ministry

Pay

Bank

- Licenses
- Certificates
- Government Approvals

Government Departments

- Licenses
- Certificates
- Government Approvals

Bank

- L.O.C.
- Packing List
- Invoice

LOC Approval

LOC Courier

Source: WB, 2011

Stake holders

Customs
Import License
Importer
Customs Broker
Border Police
Airlines
Quarantines
Shipping lines Agents
Food sanitation
Forwarder
Port Authority
Warehouse
Immigration
Container Yards
Banks

TRS; Multi-purpose tools

- Voluntary & Flexible (regional, national, international)

  - Performance measurements
  - Efficient and effective Customs

Multi-purpose tools

- Identifying bottleneck for TF

- Structural reform of Customs & OGAs

- Public relations & Funding

- Diagnose efficiency of new programs (AEO, anti-corruption, automation & others)

Methodology

- Who ?

- When (duration, time) ?

- Where (Customs Scope) ?

- What (Type of goods) ?

- How ?
  - Manual survey / Automation
  - Sampling, collection & Recording

Considerations

1. Utilize data from automated system
   - best option; objectivity, reliability, efficiency and ⋯

2. Consistent statistical method
   - Time calculation methods (holidays?)
   - Key data sets

3. Find 'master key': Container No.? B/L No.?

4. Cooperation from all stakeholders

5. Continuous study

WCO Tools on TRS

1) Guide To Measure The Time Required For the Release of Goods – Version 2 in 2011

2) Internet Software for the TRS (http://members.wcoomd.org/trs/index.asp)

3) User Manual for TRS Software

AP Regional Situation

National Level:
- Japan (sin. 1991)
- Korea (sin. 1998)
- Philippines (2002)
- Indonesia (2005)
- China (2006)
- Thailand (2006)
- Malaysia (2007)
- Australia (sin.2007)
- PNG (2008)
- Lao PDR (2010)
- Fiji (2011)

Regional Level

■ Brunei Darussalam, Indonesia, Malaysia, Philippines East ASEAN Area (BIMP-EAGA) (2009)

■ Great Mekong Sub-region (GMS) East West Economic Corridor (EWEC) (2009)
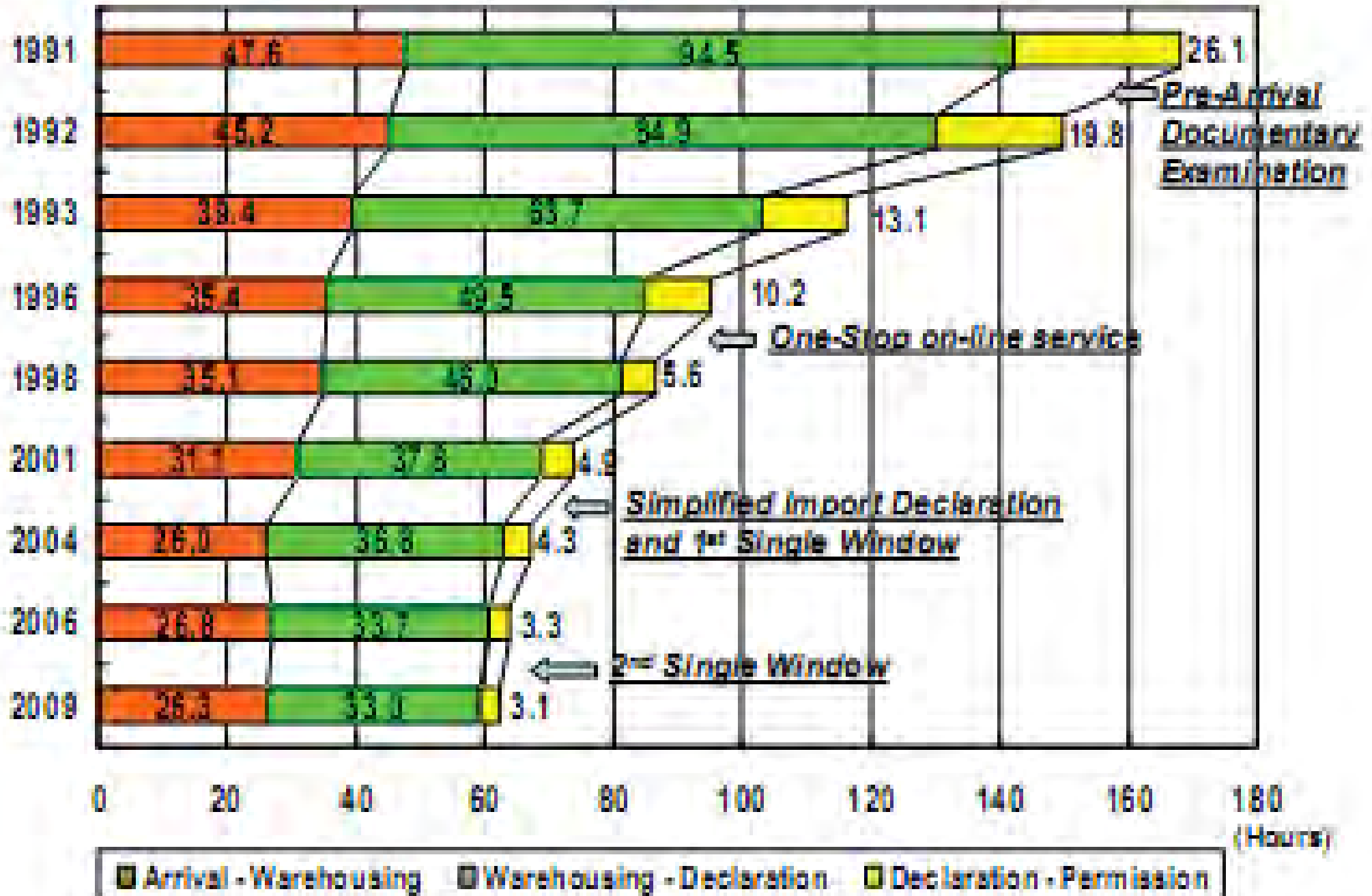
■ CAREC ?

TRS best practices

Japan Customs

- First TRS Country in 1991
- Customs leads with OGAs support
- Survey based, arrival to release
- 7 consecutive days
- All regional Customs
- Random sampling of 5,000 declarations

Changes in the mean time required for a time period from arrival to release (Sea Cargo)

Year	Arrival - Warehousing	Warehousing - Declaration	Declaration - Permission
1991	47.6	94.5	26.1
1992	45.2	94.9	19.8
1993	39.4	63.7	13.1
1996	35.4	63.5	10.2
1998	35.3	45.0	5.6
2001	31.1	37.3	4.8
2004	26.0	36.8	4.3
2006	26.8	33.7	3.3
2009	26.3	33.0	3.1

Pre-Arrival Documentary Examination

One-Stop on-line service

Simplified Import Declaration and 1st Single Window

2nd Single Window

(Hours)

■ Arrival - Warehousing   ■ Warehousing - Declaration   ■ Declaration - Permission
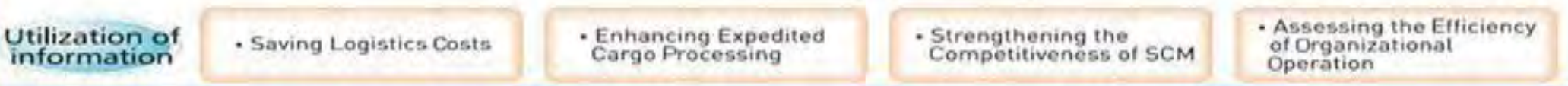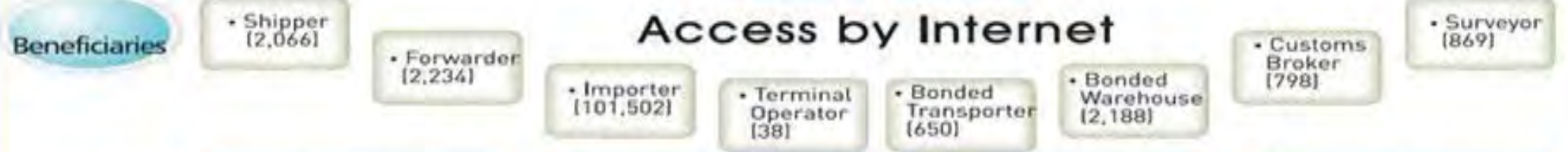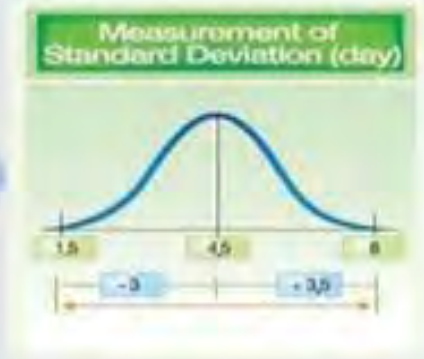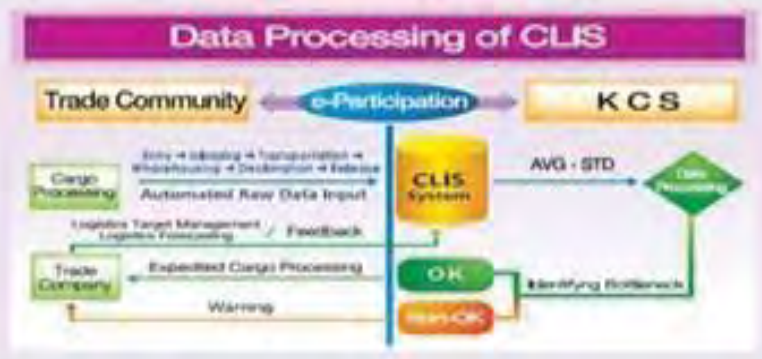
Korea Customs

- Logistics costs reduction
- Customs system based
- Using all release data
- Every month/year
- Built 'CLIS' to support TF

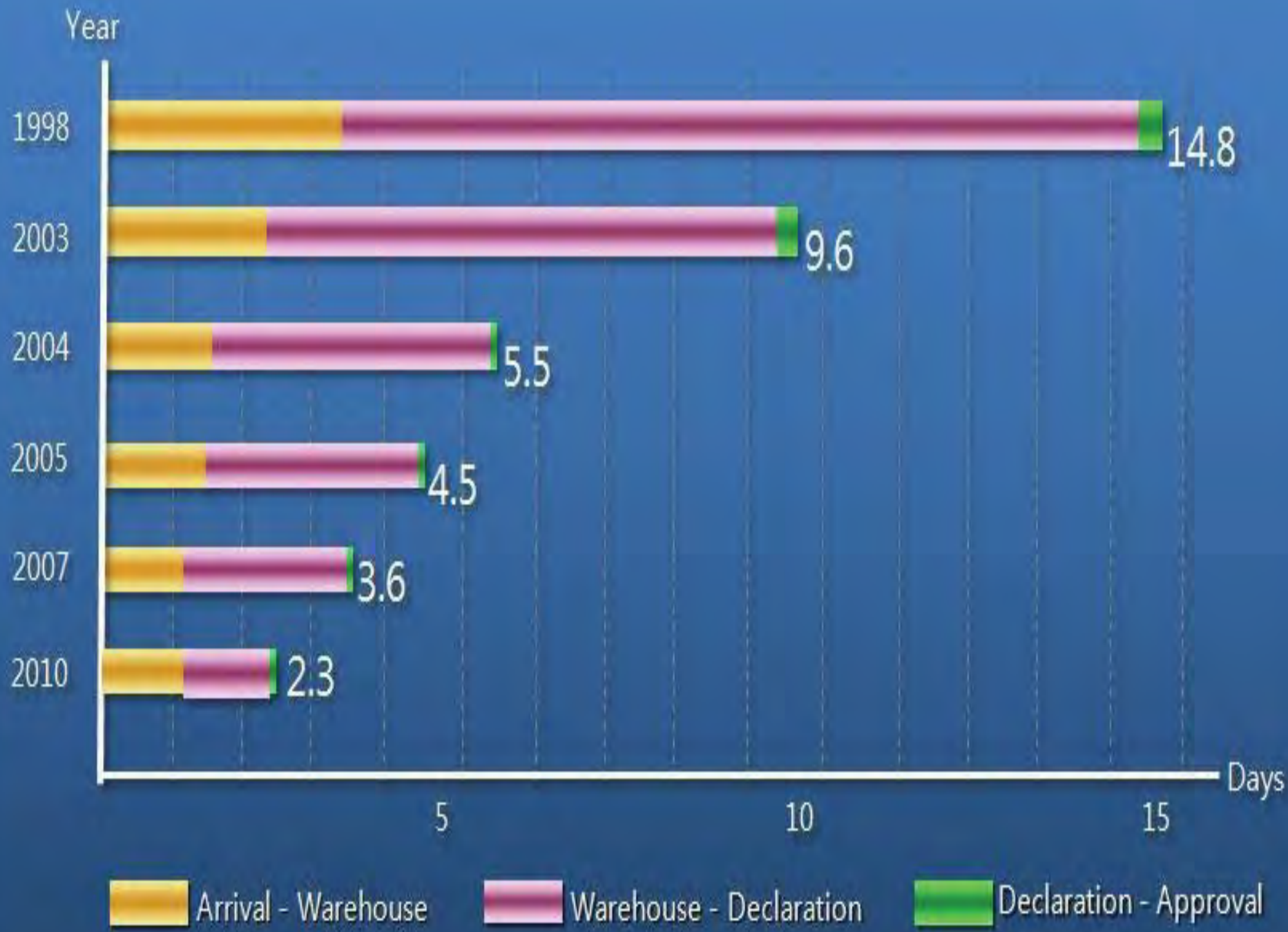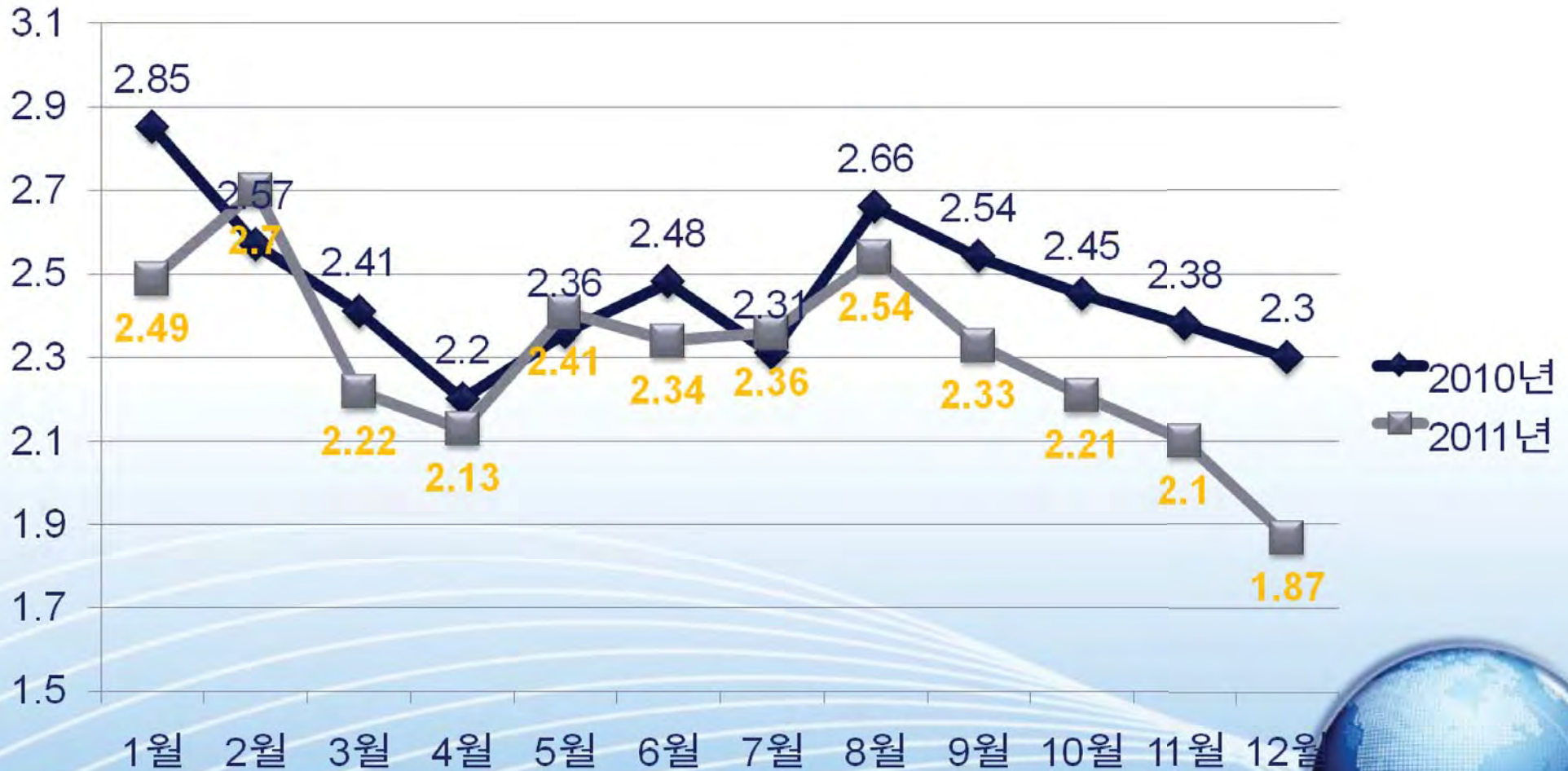**Cargo Movement:** Arrival notice → Arrival at Port → Unloading → Bonded Transportation → Bonded Warehousing → Filing Import Declaration → Permission of Import → Release of Cargo

Existing System: Cargo Management System (CMS) | Import Clearance System (ICS)

Automated Raw Data Input → **CLIS** ← Automated Raw Data Input

Measurement of Average Time Release (day)

Yr. 2003	Yr. 2005
18	8
8	4
2.8	1.5
9.6	4.5

Data Processing of CLIS

Trade Community ← e-Participation → KCS

Cargo Processing — Entry → Unloading → Transportation → Warehousing → Declaration → Release — Automated Raw Data Input — CLIS System — AVG - STD — Data Processing

Logistics Target Management / Logistics Forecasting / Feedback

Trade Company — Expedited Cargo Processing — OK — Identifying Bottleneck

Warning — Non-OK

Measurement of Standard Deviation (day)

1.5   4.5   8
-3   +3.5

Information of CLIS: Cargo Location · Cargo Processing status · Total Time Consumed · Average Time by Logistics stage · Standard deviation by Logistics stage · Target Management by company · Optimal Cargo processing Route · Performance management

Access by Internet

Beneficiaries:
- Shipper [2,066]
- Forwarder [2,234]
- Importer [101,502]
- Terminal Operator [38]
- Bonded Transporter [650]
- Bonded Warehouse [2,188]
- Customs Broker [798]
- Surveyor [869]

Utilization of information:
- Saving Logistics Costs
- Enhancing Expedited Cargo Processing
- Strengthening the Competitiveness of SCM
- Assessing the Efficiency of Organizational Operation

TRS Monthly Trends in Korea

DBL Trading Across Borders

1	Singapore	11	Panama
2	Hong Kong SAR, China	12	Malaysia
3	Korea, Rep.	13	Netherlands
4	Denmark	14	Germany
5	United Arab Emirates	15	United Kingdom
6	Finland	16	Mauritius
7	Estonia	17	Latvia
8	Sweden	18	Portugal
9	Panama	19	Cyprus
10	Israel	20	Japan

UGANDA

- First TRS in 2008

- TRS Example in a land locked countries

- Customs office at border & in-land customs office

- Using data from survey questionnaire (manual)

Source; Google Map

- Identified key events of import & transit procedure at border as well as import procedure at the in-land Customs office

- Customs Brokers, Transporters, Ministry of Agriculture etc. took part in the project

CAMEROON

- ASYCUDA data plus business & Port data
  - manifest lodging to exit note

- New approaches to Cargo dwell time
  - operational time : transport perspective
  - transaction time : political/economic perspective
  - discretionary time : logistics perspective

- Analysis on ; average deviation, cargo type(LCL, FCL, bulk), value

- Try to understand behavioral patterns of all stakeholders

Source : APEC Document 2009/SCCP/SWWG/WKSP2/010

Global trends and Links

WB : - Doing Business Index (Trade Across Border), - Logistics Performance Index

Cross border Time/procedures

WCO TRS WTO DDA

Global Enabling Trade Rep

World Economic Form(DA

ADB : CPMM UN : Time/Cost- Distance Methodology

TRS vs. CPMM

- Overall performance vs. specific performance (corridor & type)

- Time only vs. Time & Costs

- Customs led vs. Forwarders

  - 'Preclearance' recommended

Transaction costs !

Poverty reduction

Economic growth and competitiveness

More trade can create jobs and income opportunity, and increase government revenue

Improved export performance and expansion of FDI

Increased competitiveness of firms

Reduction of trade costs

Contribute!

Thanks very much!

leesagh2@rocbap.org