Introduction to
The Single Window in Korea

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Contents

System Composition (Conceptual)

Clearance Management

Import Clearance

Export Clearance

Duty Drawback

Duty Collection

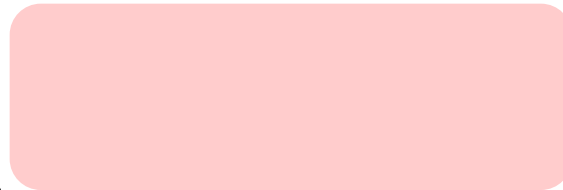### Portal

Internet Clearance Portal

Cargo Management

Import Cargo

Export Cargo

Transit

CLIS

Korea Customs e-Clearance System

UNI-PASS

Information Management

Risk Management

Customs Data Warehouse

Knowledge management

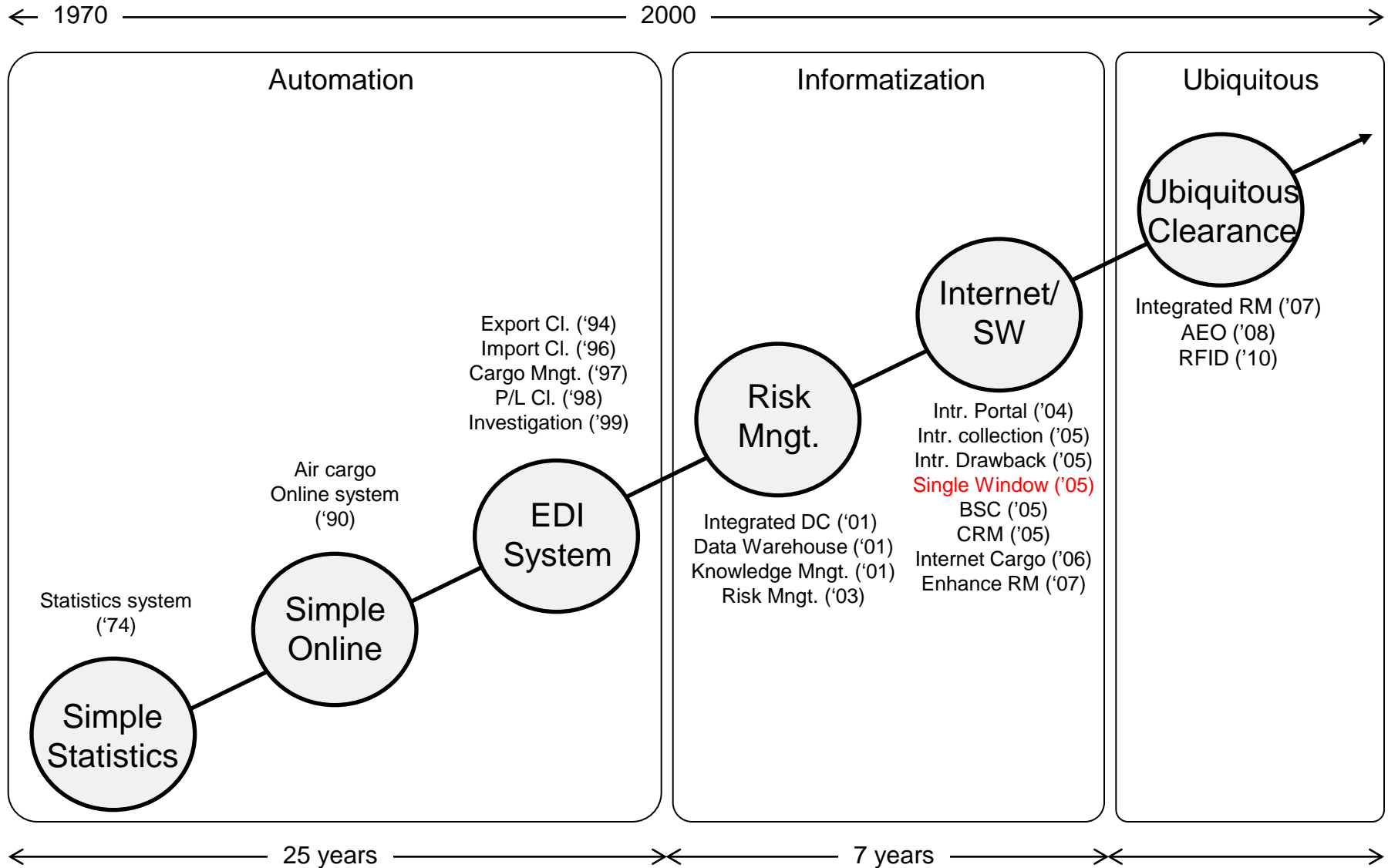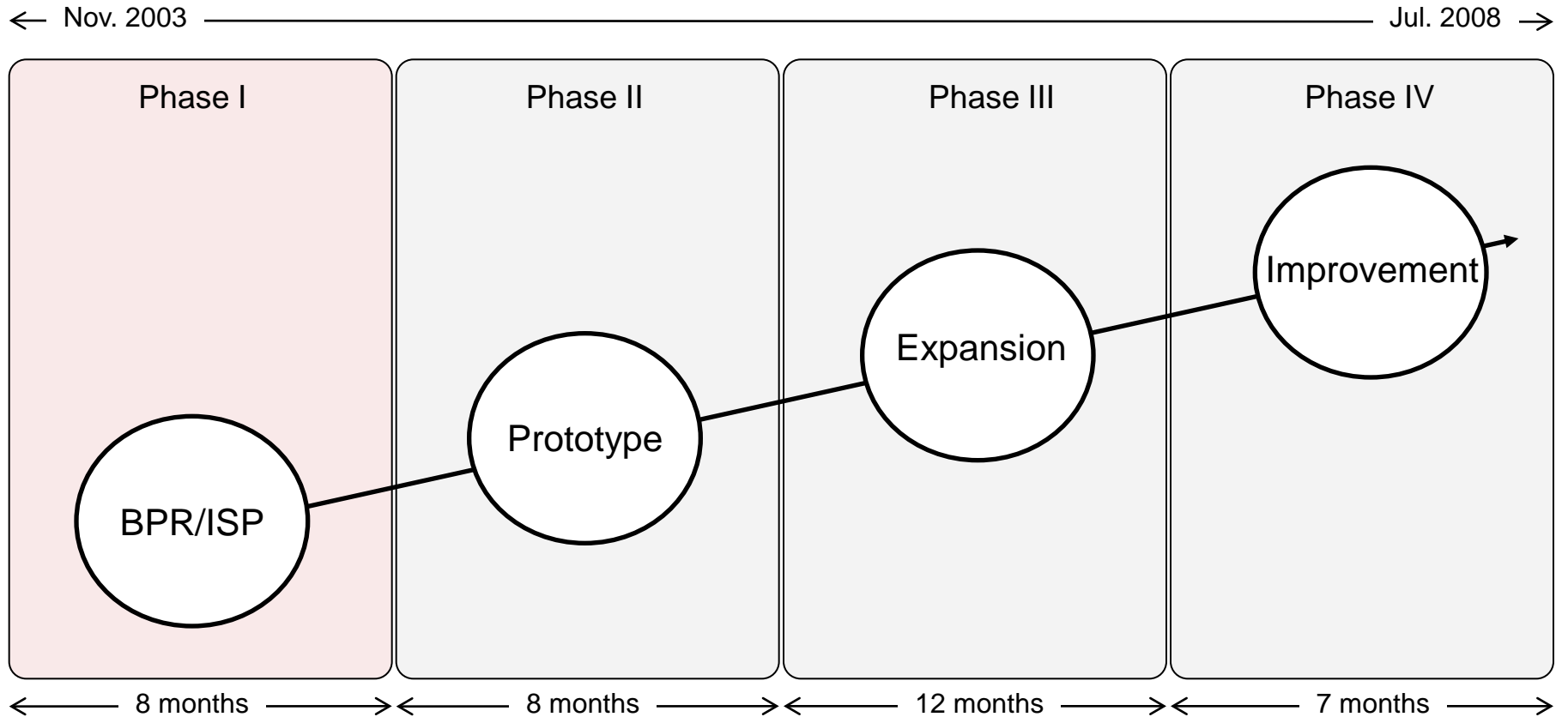Investigation and Surveillance

Post Audit

APIS

Single Window

Administration Management

Groupware

CRM

HRM

Performance Management

Development History of Uni-Pass, KCS e-Clearance System

← 1970 ——————— 2000 ———————→

Automation | **Informatization** | **Ubiquitous**

Ubiquitous Clearance

Integrated RM ('07)
AEO ('08)
RFID ('10)

Internet/ SW

Export Cl. ('94)
Import Cl. ('96)
Cargo Mngt. ('97)
P/L Cl. ('98)
Investigation ('99)

Risk Mngt.

Intr. Portal ('04)
Intr. collection ('05)
Intr. Drawback ('05)
Single Window ('05)
BSC ('05)
CRM ('05)
Internet Cargo ('06)
Enhance RM ('07)

Air cargo
Online system ('90)

EDI System

Integrated DC ('01)
Data Warehouse ('01)
Knowledge Mngt. ('01)
Risk Mngt. ('03)

Statistics system ('74)

Simple Online

Simple Statistics

← 25 years ——→←—— 7 years ——→←——→

Development History of Single Window

Phase I	Phase II	Phase III	Phase IV
BPR/ISP	Prototype	Expansion	Improvement

| 8 months | 8 months | 12 months | 7 months |

Concept and Scope of Korean Single Window

PERSPECTIVE

Information Processing
(UN, 2005)

Coverage User
(KCS, 2003)

Single Authority	Automated Information Transaction System
Integrated Single Automated System	Interfaced Single Automated System

KCS Single Window

Consolidation of Conveyance Reports	Linkage of licenses/approvals to declarations
Carriers	Traders
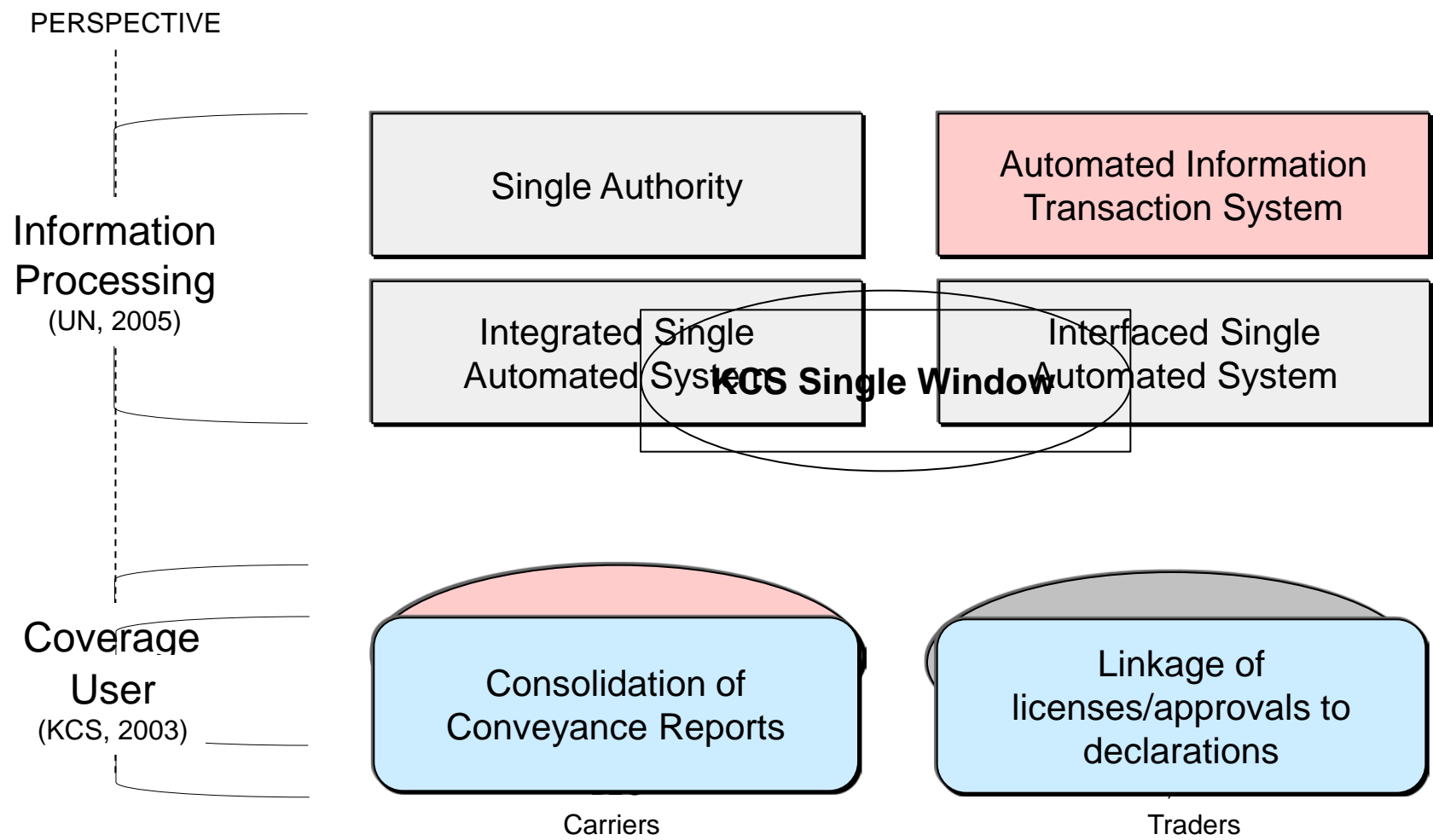
Use Rate and Participating Agencies

Number of Agencies Connected to SW	8	11	11	15	17	33

Declarations requiring license/approvals

Use rate (%)

	2006	2007	2008	2009	2010	2011
Use rate	2,7	5	14,3	45,2	62	66,1

Time Saving

| 2 – 3 days | 1 day | 1.5 hrs |

License
Issuing

Transferring
license to customs

Approving
declaration
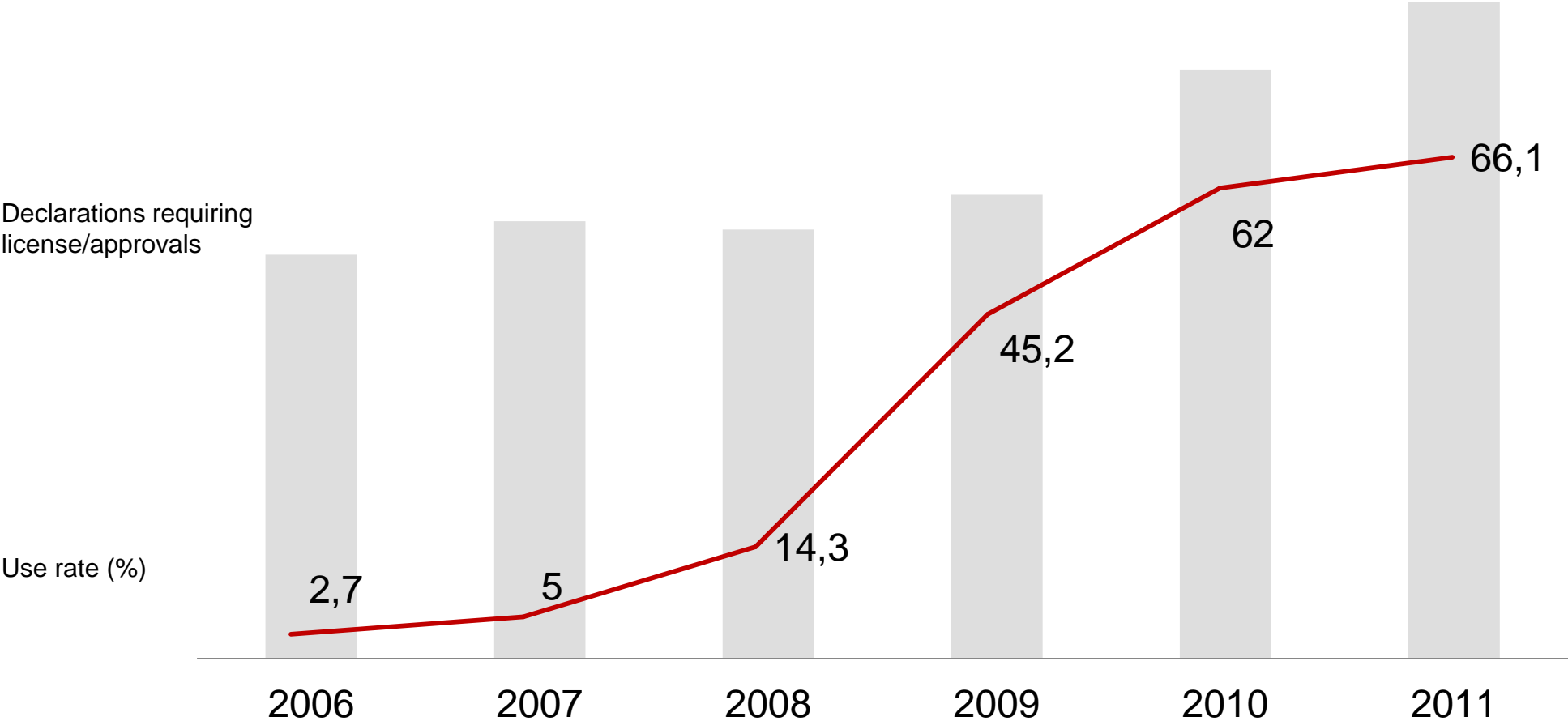
Cost Saving

2.1 billion USD/Year

| Logistics Costs | Document preparation Costs | Transaction fee |
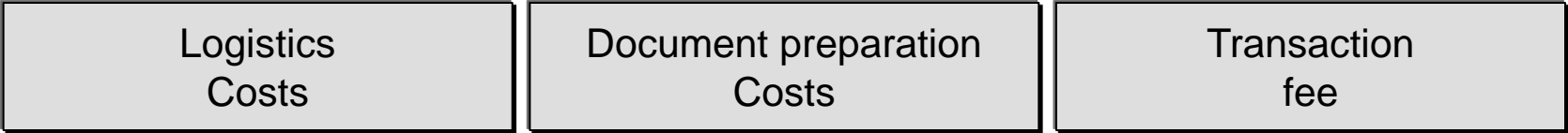
I. No higl level legal base for Single Window

- Endless meetings, communication
- High level Political will (Prime minister level) at later stage

II. Lack of promotion of the Single Window System

- Intensive training program for Stakeholders and Customs brokers

III. Low number of participating agencies

- Reduce friction through mutual cooperation and understanding
- Of the 45 agencies 33 (connected to the SW), remaining 12* (not connected to the SW)

  * Local government and local police agencies not specialized in trade-related matters

IV. Various agencies did not have an automated license system

- Creation of an ASP-type* license/approval system inside the Single Window system
- Of the 31 agencies connected: 10 agencies (use own system), 21 agencies (use ASP)

  * ASP: Application Service Provider

Concept of ASP
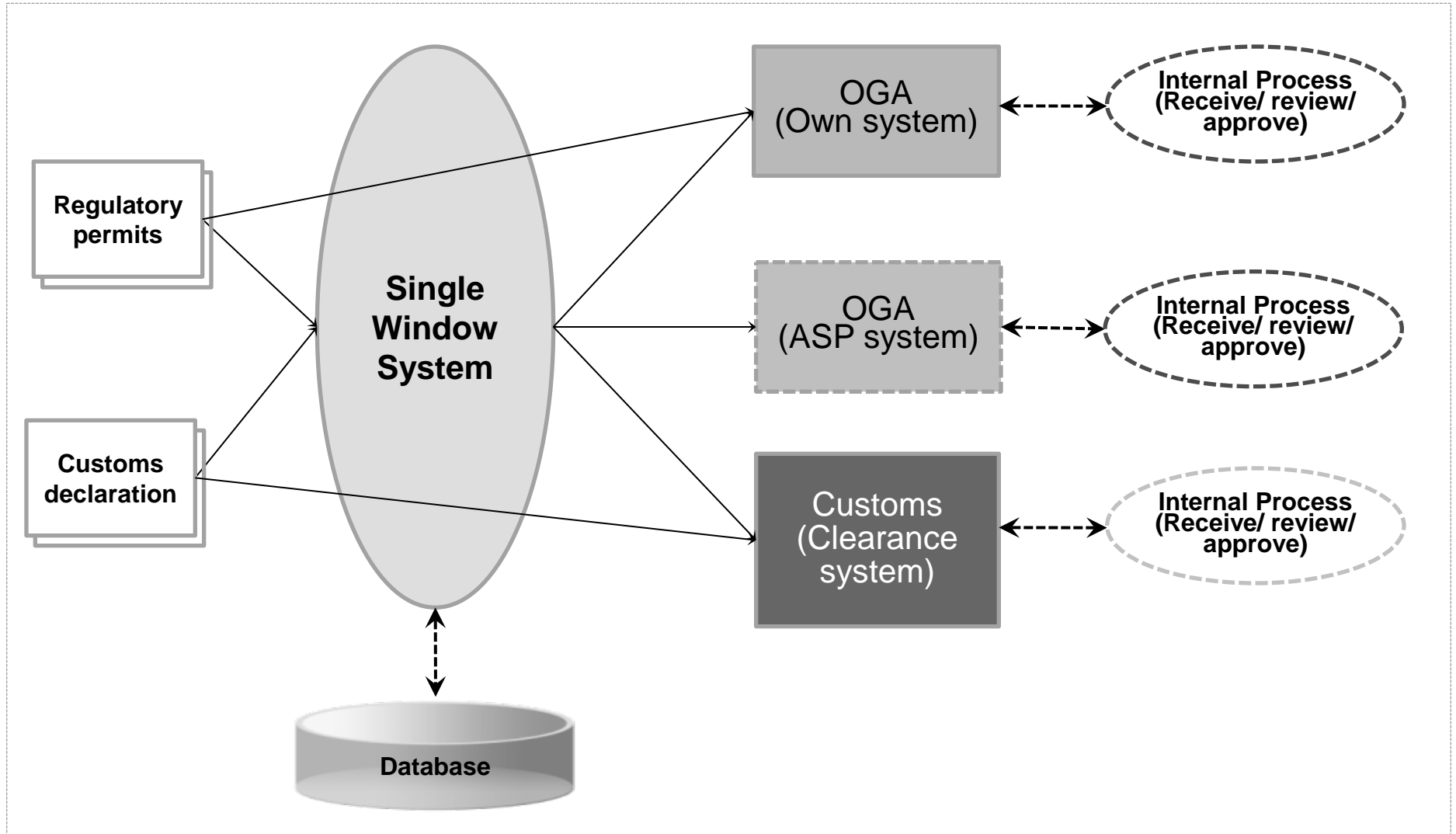
II. CUPIA

Characteristics

Non profit, semi state owned organization

Created by the Korean Customs Services(KCS) in 2006
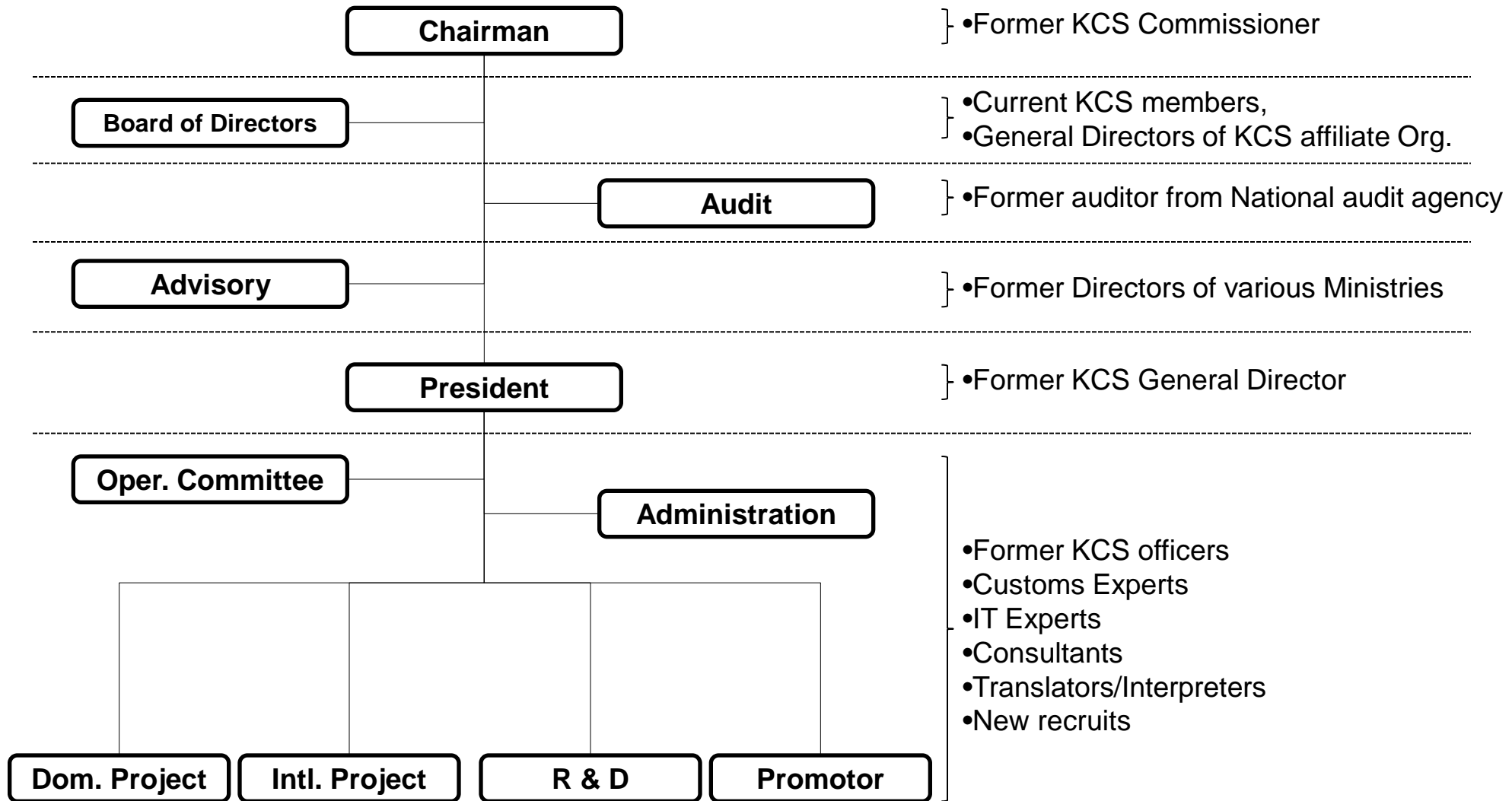
Organization with **sole rights**

to diffuse the UNIPASS system to other countries

(KCS owns the UNIPASS patent and delegates to CUPIA)

Organization **designated by the customs act**

to provide O & M of the UNIPASS system used by the KCS

Organization & Human resources

Chairman
- Former KCS Commissioner

Board of Directors
- Current KCS members,
- General Directors of KCS affiliate Org.

Audit
- Former auditor from National audit agency

Advisory
- Former Directors of various Ministries

President
- Former KCS General Director

Oper. Committee

Administration

- Former KCS officers
- Customs Experts
- IT Experts
- Consultants
- Translators/Interpreters
- New recruits

Dom. Project | **Intl. Project** | **R & D** | **Promotor**

Offices

Seoul

Daejon

Head Quarters

Office to top decision makers
(Chairman, President)

Department of Administration
and International Projects

30 employees

Branch Office

Office at Govn't Complex
(inside Customs HQ)

Department of Domestic
Projects, R & D, Promotor

UNIPASS O & M team

90 employees

Major Services

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                    ┌─────────────────────┐
                    │   Major Services    │
                    │    except O & M     │
                    └─────────────────────┘
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Consulting	Supervision	Development

Feasibility Study

Master Plan

Procurement

Customs modernization

BPR/ISP

IT
(new system implementation,
Existing system enhancement)

Project supervision

New
system Development

Existing
system enhancement

Global References

Thank You

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