

*Indonesia National Single Window (NSW) and  
ASEAN Single Window (ASW) System  
Indonesia Preparation Towards ASEAN Integration*

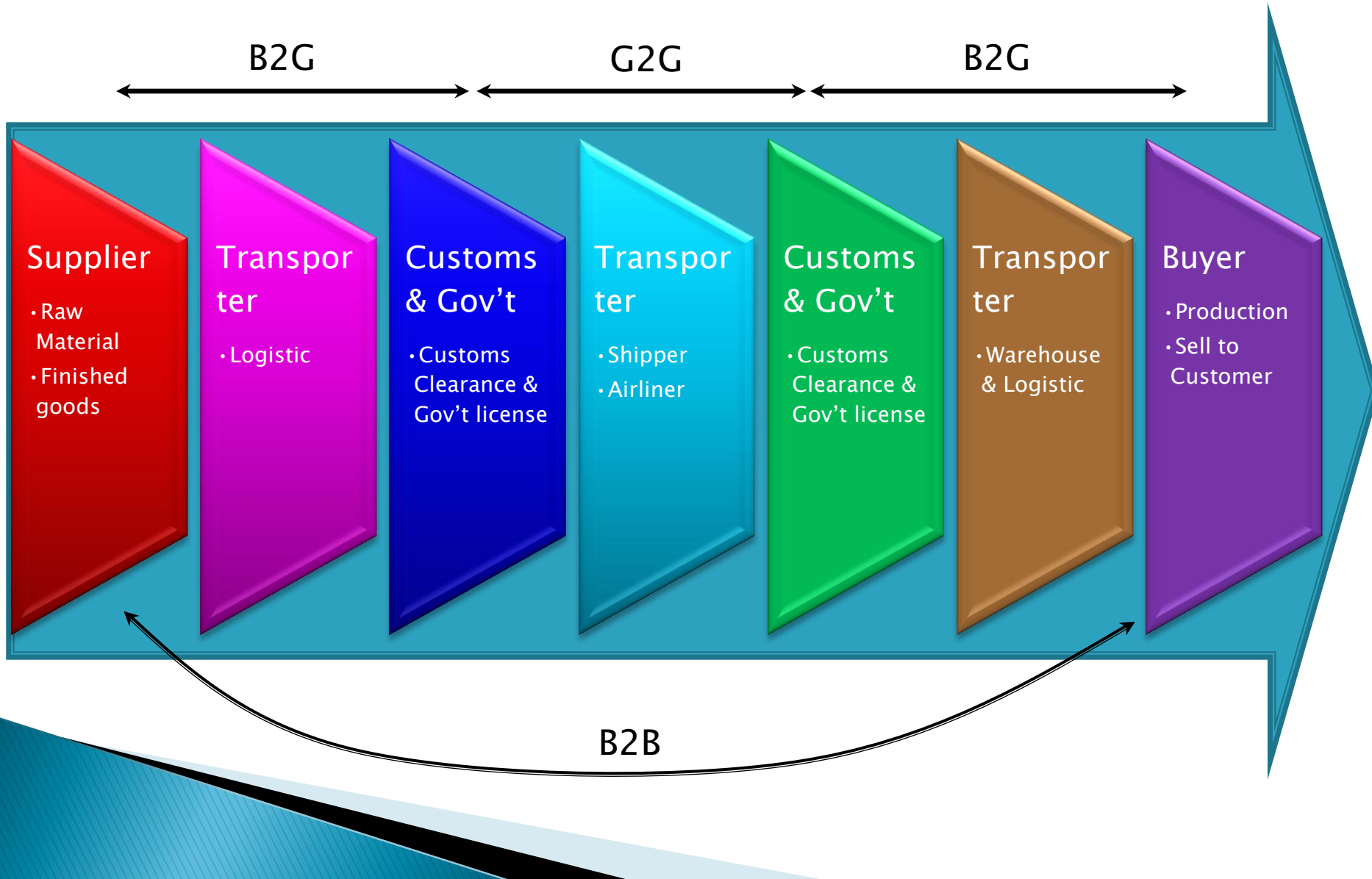


<http://www.insw.go.id>

Vision of Indonesia National Single Windows is :

Simplifying process of customs clearance and clearance of goods through supply chain community integration without eliminating government control activities

# Total Cycle of Cross Border SCM



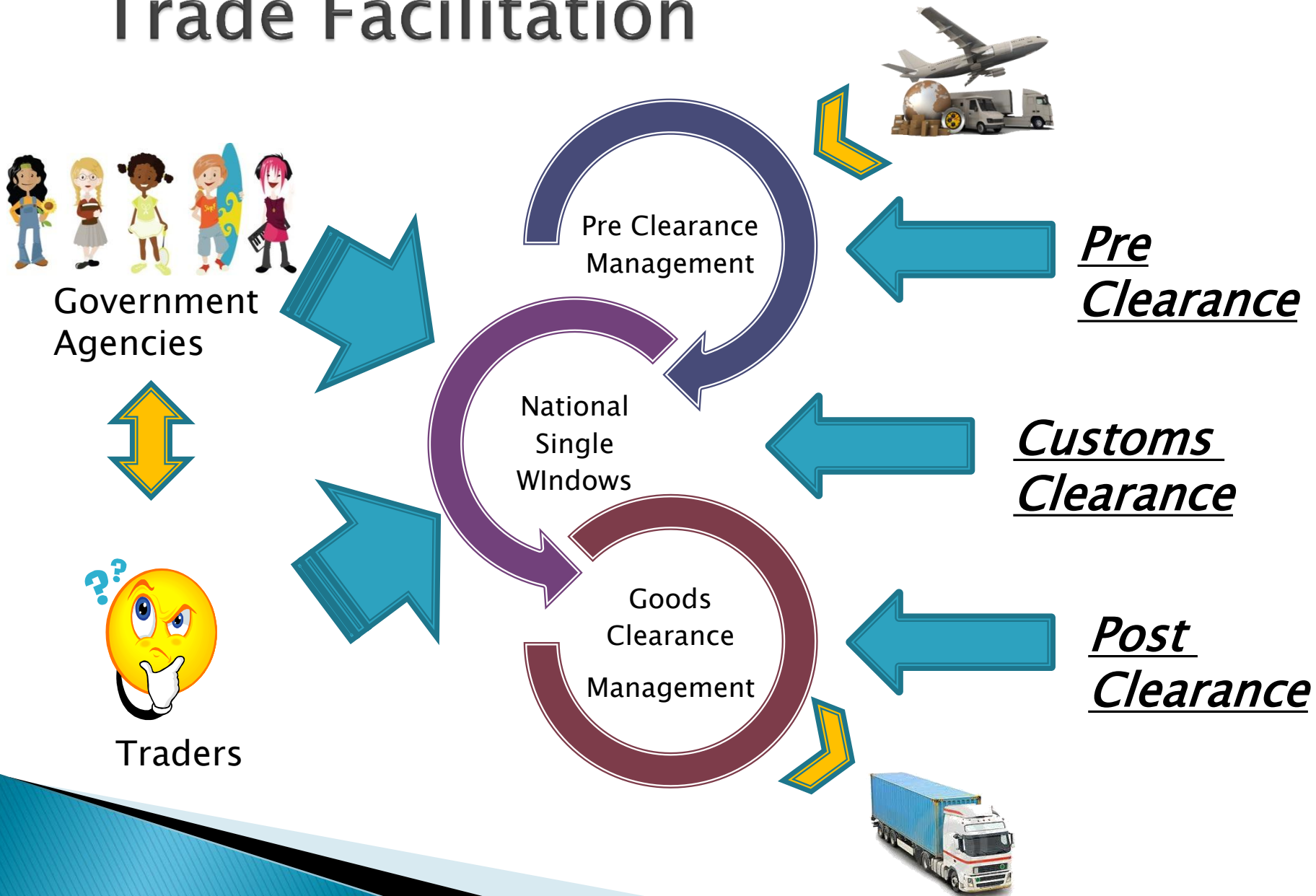
# Paper Based Permit and Licenses , Big Headache

No	Government Agencies	Imp- Exp.Lic ensing	Recomm endation
1	Ministry of Trade	✓	
2	Fishery Quarantine	✓	
3	Animal Quarantine *	✓	
4	Plantation (Quarantine *	✓	
5	Food & Drugs Control	✓	
6	Ministry of Industry		✓
7	Ministry of Energy	✓	✓
8	Nuclear Control NA	✓	✓
9	Ministry of Forestry	✓	
10	DG of Post & Teleco	✓	
11	Ministry of Agriculture	✓	✓
12	Ministry of Health	✓	
13	National Police	✓	
14	Ministry of Environment	✓	✓
15	Ministry of Deffense		✓
16	Ministry of Transport.	✓	
17	Central Bank (BI)		✓
18	Customs (DGCE)	--	--

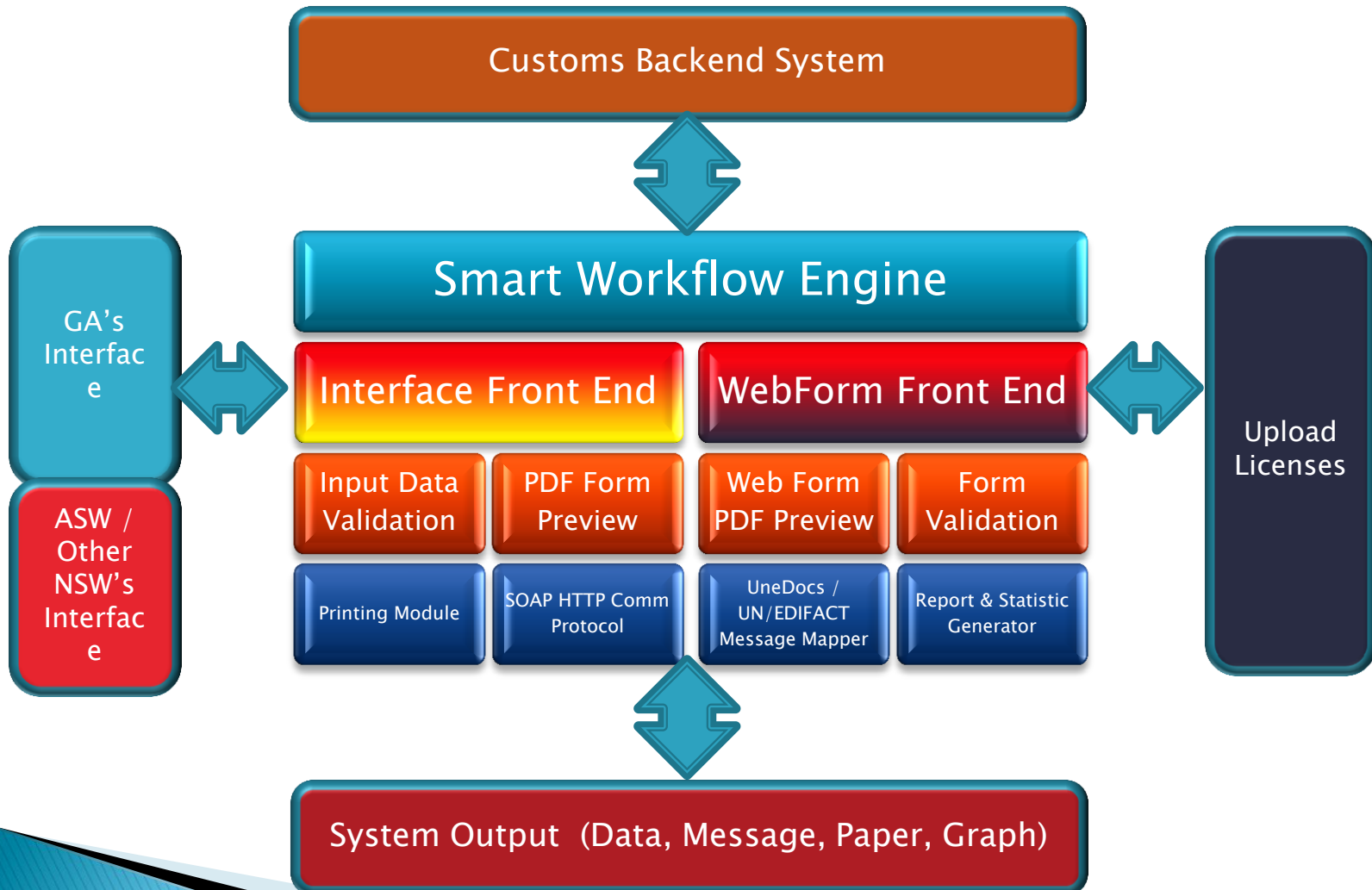




# Information Flow Indonesia Trade Facilitation



# NSW BLOCK DIAGRAM

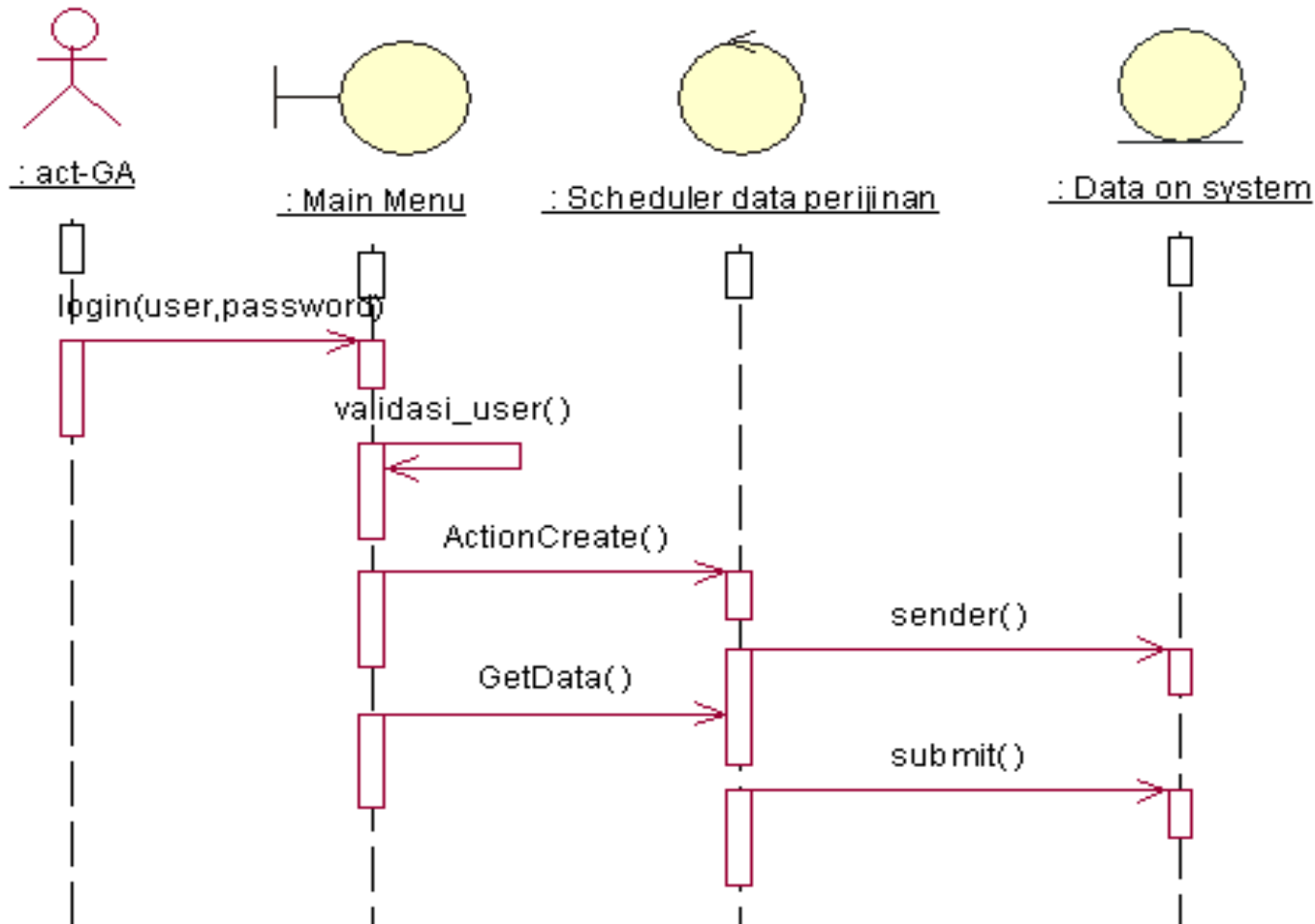


# How all GA's involved in INSW

1. Type A – Manual – Cloud Solution
  - NSW system giving notification to OGA through e-mail or SMS, OGA officer logon and retrieve permit request from NSW system, OGA process manually and update approval on INSW system / portal.
2. Type B – Semi Manual - SOA
  - NSW system giving notification to OGA through e-mail or SMS, OGA officer logon and retrieve permit request from NSW system, OGA process manually, system automatically looking for approved permit from database and update to NSW system.
3. Type C – e-licensing (Non NSW Integration) – SOA and EDI
  - NSW system giving notification to OGA through OGA e-licensing system, OGA officer logon and retrieve permit request from OGA e-licensing system, OGA process using e-licensing system, after approved, system automatically forward approved permit to NSW system.
4. Type D – elektronis e-licensing (NSW integration).- SOA and EDI
  - NSW system giving notification to OGA through OGA e-licensing system, OGA officer logon and retrieve permit request from OGA e-licensing system, OGA process using e-licensing system, after approved, system automatically forward approved permit to NSW system.

# How GA's technically harmonized

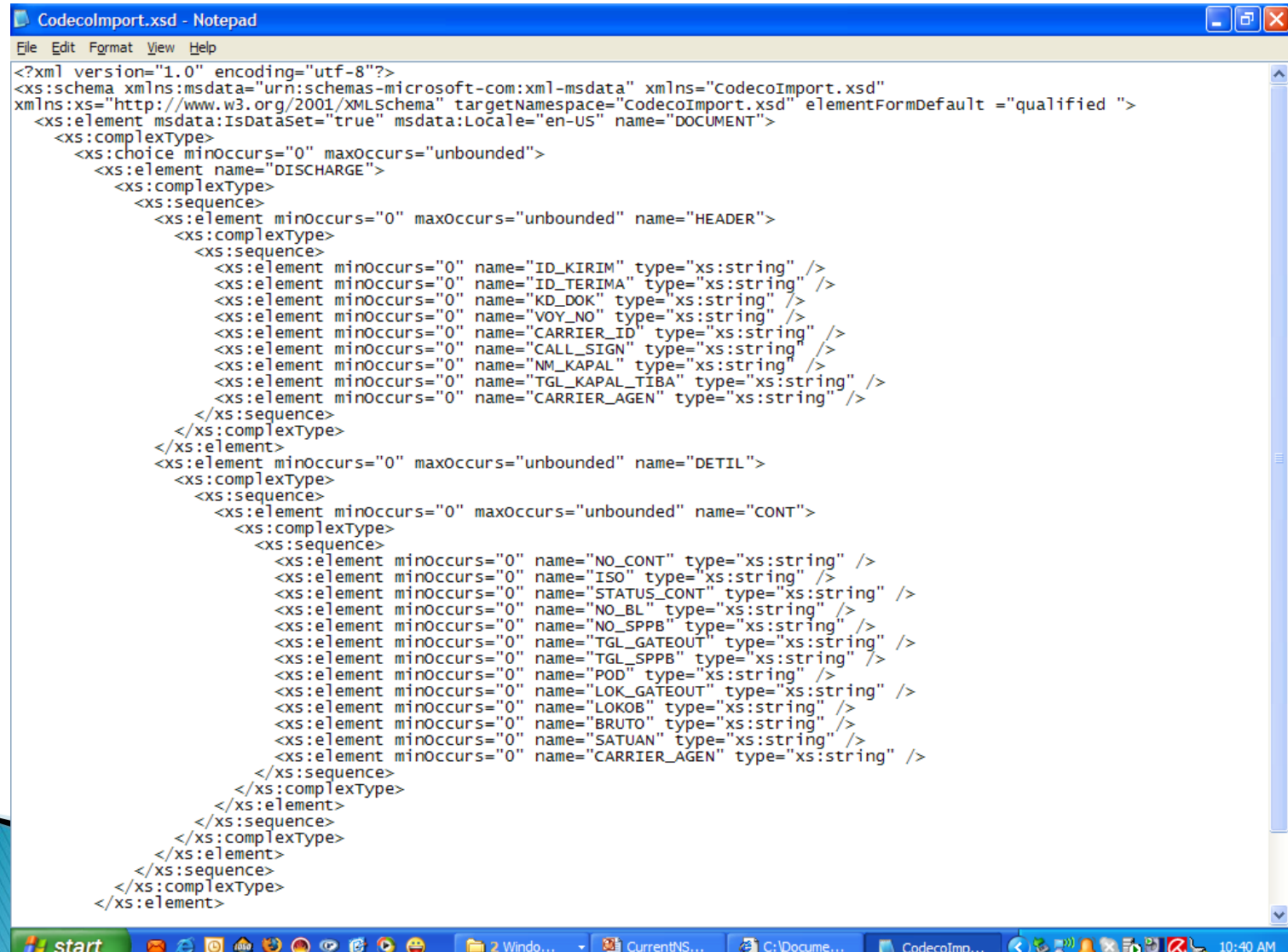
- ▶ All GA's defined an agreed detail technical documentation of NSW (Technical design document) → officially approved oct 2007





# How GA's technically harmonized

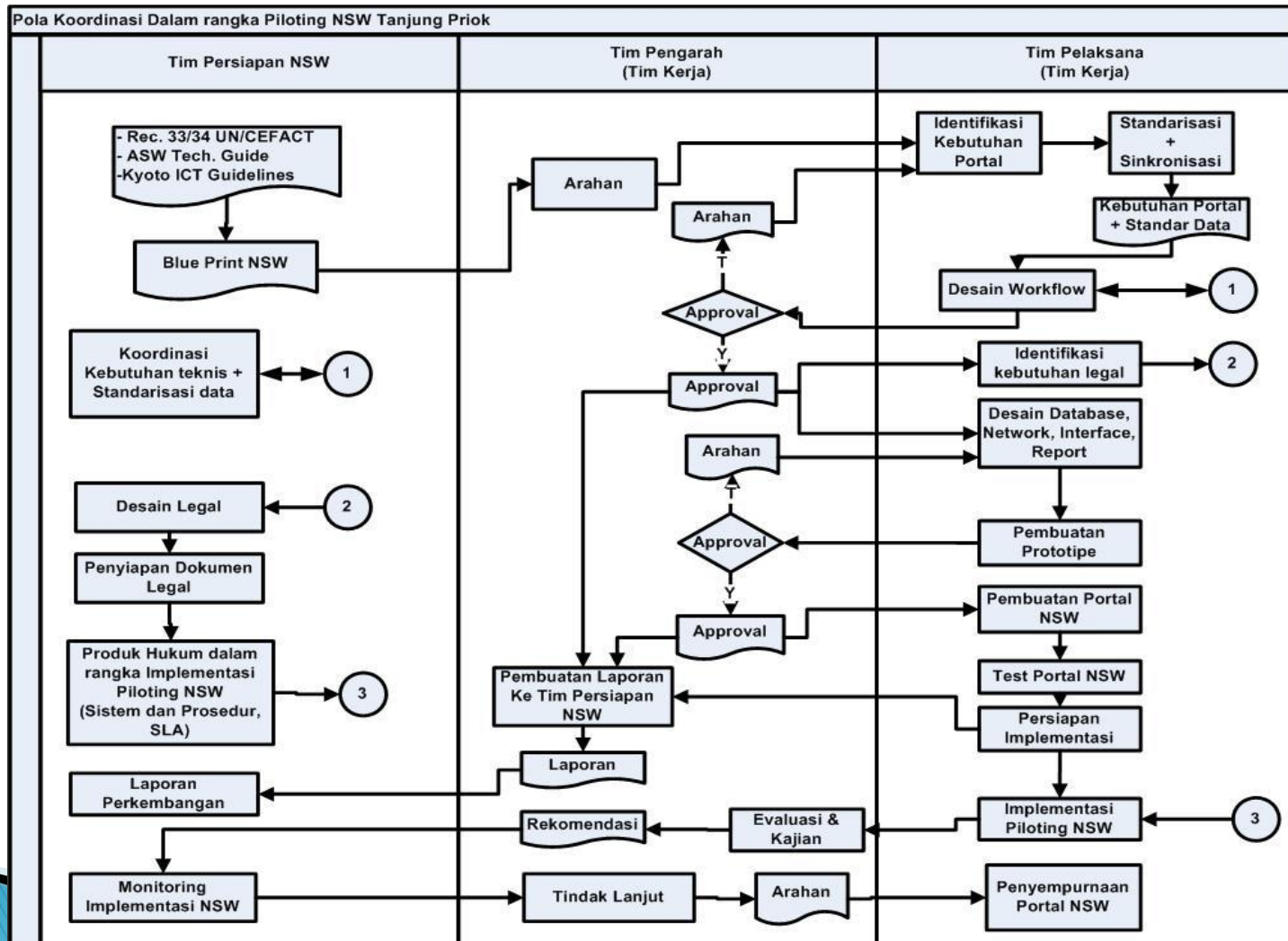
All GA's defined an agreed xml schema → INSW DATA MODEL



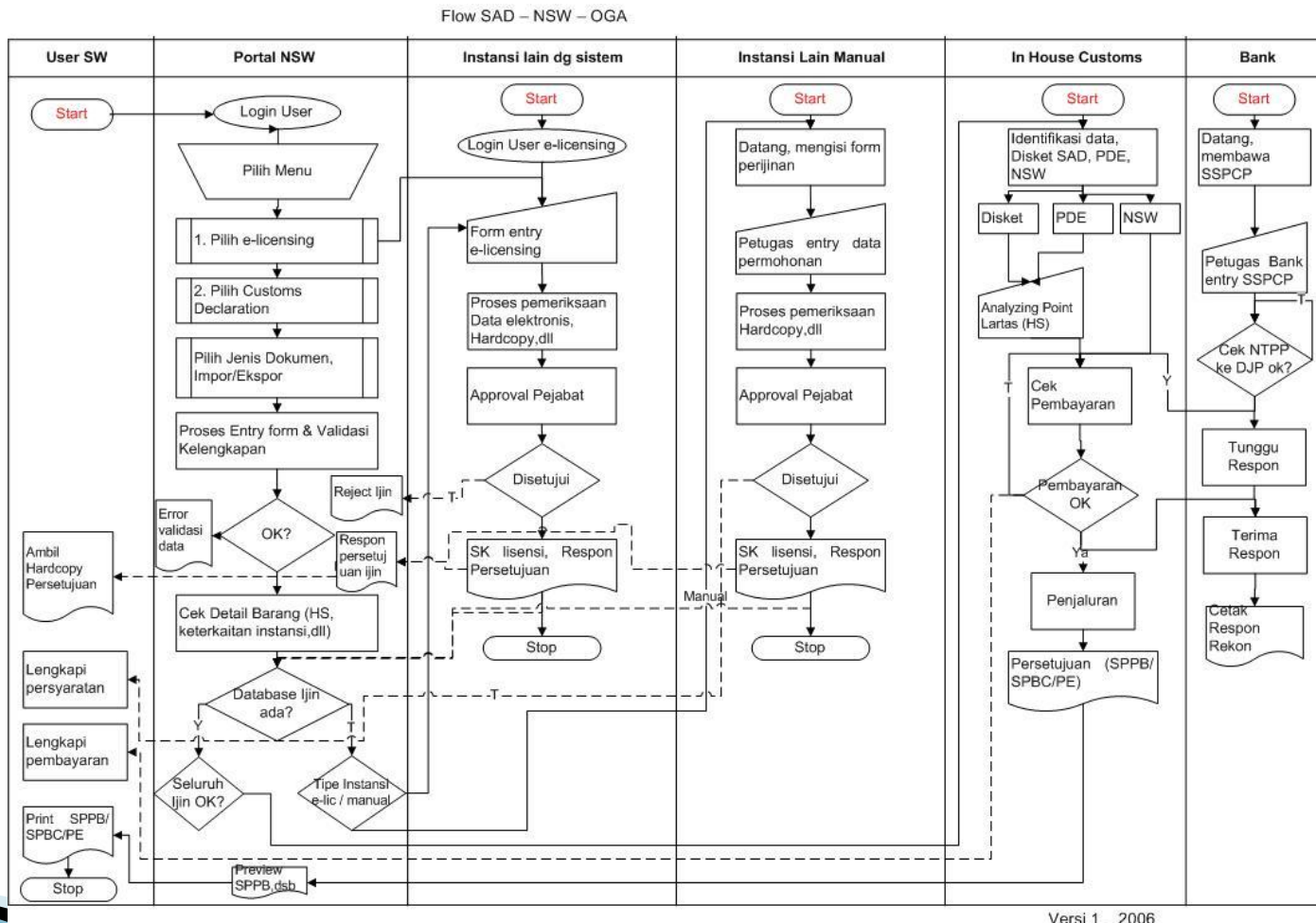
```
CodecoImport.xsd - Notepad
File Edit Format View Help
<?xml version="1.0" encoding="utf-8"?>
<xs:schema xmlns:msdata="urn:schemas-microsoft-com:xml-msdata" xmlns="CodecoImport.xsd"
xmlns:xs="http://www.w3.org/2001/XMLSchema" targetNamespace="CodecoImport.xsd" elementFormDefault="qualified">
  <xs:element msdata:IsDataSet="true" msdata:Locale="en-US" name="DOCUMENT">
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</xs:schema>
```

# What else??

## Create NSW Taskforce Responsibilities Workflow



# And Create NSW Technical SOP together



# INSW – National Trade Repository – Pre Clearance

**Trade Simulation - Simulasi untuk mengetahui jumlah biaya impor dan perijinan**

**Rincian Perijinan Yang Harus Dipenuhi**

HS	URAIAN		
4011.10.00.00	-Dari jenis yang digunakan untuk kendaraan bermotor (termasuk station wagon dan mobil balap)		
No	Instansi	Nama Ijin	Nomor SKEP
1	DEPARTEMEN PERDAGANGAN	Surat Pendaftaran Barang	Kep.Men. Perindustrian dan Perdagangan No. 0595/MPP/Kep/9/2004
1	DEPARTEMEN PERDAGANGAN	Pengecualian SNI	Kep.Men. Perindustrian dan Perdagangan No. 0595/MPP/Kep/9/2004

**Rincian Perkiraan Biaya Impor**

Nilai Kurs USD Tanggal 20-07-2010: IDR 9050.00

**Opsi Skema MFN** Ini adalah besaran perkiraan tarif berdasarkan BTBMI

Tarif BM %	CIF	CIF IDR ndpbm x cif	BM tarif x cif idr	Nilai impor bm + cif idr	PPN 10% 10% x nilai impor	Opsi PPh 7,5% 7,5% x nilai impor	Opsi PPh 2,5% 2,5% x nilai impor
4011100000	15	50000	452500000.00	67875000.00	520375000.00	39028125.00	13009375.00
Total tiap pajak				67875000.00	52037500.00	39028125.00	13009375.00
Total bea masuk + pungutan dalam rangka impor					158940625.00		132921875.00

**Opsi Skema Khusus** Silahkan anda ganti tarif bea masuk sesuai skema khusus contohnya CEPT, AK-FTA, AC-FTA atau pembebasan lainnya !

Tarif BM %	CIF	CIF IDR ndpbm x cif	BM tarif x cif idr	Nilai impor bm + cif idr	PPN 10% 10% x nilai impor	Opsi PPh 7,5% 7,5% x nilai impor	Opsi PPh 2,5% 2,5% x nilai impor
4011100000	0	50000	452500000.00	0.00	452500000.00	33937500.00	11312500.00
Total tiap pajak				0.00	45250000.00	33937500.00	11312500.00
Total bea masuk + pungutan dalam rangka impor					79187500.00		56562500.00

**Informasi HS : BTBMI - Uraian Barang - Id** motor

KODE HS	INDONESIAN	DESCRIPTION	BM - MFN
2710.11.10	---Bahan bakar motor : ---Motor spirit : ---		
4011.10.00.00	-Dari jenis yang digunakan untuk kendaraan bermotor (termasuk station wagon dan mobil balap)	-Of a kind used on motor cars (including station wagons and racing cars)	15

**DETAIL POS TARIFF 4011.10.00.00**

Bagian	VII	PLASTIK DAN BARANG DARI PLASTIK
Bab	40	KARET DAN BARANG TERBUAT DARI KARET
Pos	40.11	Ban bertekanan, baru, dari karet. New pneumatic tyres, of rubber.
Sub Pos		
Sub Pos		
Pos Tariff	4011.10.00.00	-Dari jenis yang digunakan untuk kendaraan bermotor (termasuk station wagon dan mobil balap)

Transparent Trade related information, tariff, regulation, trade simulation



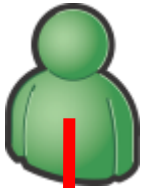
# INSW – Customs Clearance

Importers Exporters Shipping

Agents

AMS

GA's



Customs

INSW e-Collaboration

User Management **Impor** **Ekspor** **Manifest** **A S W** Change Password Sign Out Link

Permindakan dan Penyidikan (12/11/2011)

Permitting Hub View Dok. Perijinan

Browse dan Tracking Revisi Perijinan

Data Master Dok Perijinan Trader (Impor)

UNEDIFACT Edit Dok.Perijinan

Pos Tarif Pengecualian DepDag

Evaluasi NSW Stat. Perijinan

Report/ Laporan

WS send PIB

SKA NSW

Pencarian Berdasarkan

COO No

COO Date :

Original Country

Print

	COO No	COO date	Consignee Form	Consignee To	Original Country	Destination Country	Discharge Port	Vessel Name	Departure	Status
<input type="checkbox"/>	KL-250797-U-143899	14-JAN-11	ENDEKA CERAMICS SDN. BHD. LOT 52856,PERSIARAN BUNGA TANJUNG 2 SENAWANG INDUSTRIAL PARK 70450 SEREMBAN, NEGERI SEMBILAN	PT. KIA SERPIH MAS Jl. RAYA NAROGONG KM 51.9 LIMUSNUNGAL CILEUNGSI BOGOR JAWA BARAT	MY-MALAYSIA	ID-INDONESIA	IDJKT-JAKARTA / PASAR IKAN CMA CGM AEGEAN DB075R		12-JAN-11	
<input type="checkbox"/>	KL-577797V-143898	14-JAN-11	COSMO SCIENTEX (M) SDN BHD JALAN UTAS 15/7 40700 SHAH ALAM SELANGOR	PT. INTEGRATED LOGIXSTREAM GRAHA INDRAMAS, 6TH FLOOR Jl. AIP II K.S. TUBUN RAYA NO.77 JAKARTA 11410	MY-MALAYSIA	ID-INDONESIA	IDJKT-JAKARTA / PASAR IKAN CMA CGM AEGEAN V.DB075R		12-JAN-11	
<input type="checkbox"/>	KL-112531-W-143897	14-JAN-11	O.Y.L. MANUFACTURING COMPANY S/B LOT 60334, PERSIARAN BUKIT RAHMAN 3 TAMAN PERINDUSTRIAN BUKIT RAHMAN PUTRA, 47000 SUNGAI BULOH, SELANGOR	PT TATASOLUSI PRATAMA JALAN KAYOON 42-44 RT 001, RW 005 EMBONG KALIASIN	MY-MALAYSIA	ID-INDONESIA	IDJKT-JAKARTA / PASAR IKAN CTP GOLDEN V.032E		13-JAN-11	
<input type="checkbox"/>	KL-112531-W-143893	14-JAN-11	O.Y.L. MANUFACTURING COMPANY S/B LOT 60334, PERSIARAN BUKIT RAHMAN 3 TAMAN PERINDUSTRIAN BUKIT RAHMAN PUTRA, 47000 SUNGAI BULOH, SELANGOR	PT TATASOLUSI PRATAMA JALAN KAYOON 42-44 RT 001, RW 005 EMBONG KALIASIN	MY-MALAYSIA	ID-INDONESIA	IDJKT-JAKARTA / PASAR IKAN CTP GOLDEN V.032E		13-JAN-11	
<input type="checkbox"/>	KL-250797-U-143890	14-JAN-11	ENDEKA CERAMICS SDN. BHD. LOT 52856,PERSIARAN BUNGA TANJUNG 2 SENAWANG INDUSTRIAL PARK 70450 SEREMBAN, NEGERI SEMBILAN	PT. ANGSA DAYA Jl. MANGGA DUA RAYA BLOK F-2 NO.3-5, JAKARTA 10730	MY-MALAYSIA	ID-INDONESIA	IDJKT-JAKARTA / PASAR IKAN CMA CGM AEGEAN DB075R		12-JAN-11	
<input type="checkbox"/>	KL-636775T-143889	14-JAN-11	ST. -GOBAIN CONST. PRODUCTS (M) S/B NO. 1, JALAN SULTAN MOHAMAD 4 KAWASAN BANDAR SULTAN SULEIMAN 42000 PORT KLANG, SELANGOR	CV KHARISMA JAYA Jl WILLIEM ISKANDAR NO.5 COMP. IMPERIAL COURT LK XI INDRA KASIH	MY-MALAYSIA	ID-INDONESIA	IDBLW-BELAWAN	RBD ESPERANZA V.036E	13-JAN-11	
<input type="checkbox"/>	KL-510079U-143859	17-JAN-11	HIRO FOOD PACKAGES MANUFACTURING SB LOT 10, JALAN IJUK 26/5 KAWASAN PERINDUSTRIAN UICOM	PT. DIAN SAUSAPOR LESTARI Jl. PERSATUAN GURU NO. 9 (CIDENG TIMUR) JAKARTA 10160	MY-MALAYSIA	ID-INDONESIA	IDJKT-JAKARTA / PASAR IKAN HANSA TRONDHEIM V. 73/E		16-JAN-11	



# I-Cares (Integrated Cargo Release System) Post Customs Clearance Process



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Integrated Cargo Release

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**WELCOME TO CARGOLINK™**  
**INDONESIA'S INTEGRATED CARGO RELEASE**

**LOGIN TO CARGOLINK**

**User**

**Password**

**Security Code**



 Refresh Security Code

 Login

Please fill out this field.

**CUSTOMER SUPPORT**



Call Center: Ph. +6221 652 1010  
email:  
support@edi-indonesia.co.id  
callcenter@edi-indonesia.co.id

**TRACK SHIPMENTS**



**CONTAINER NO**

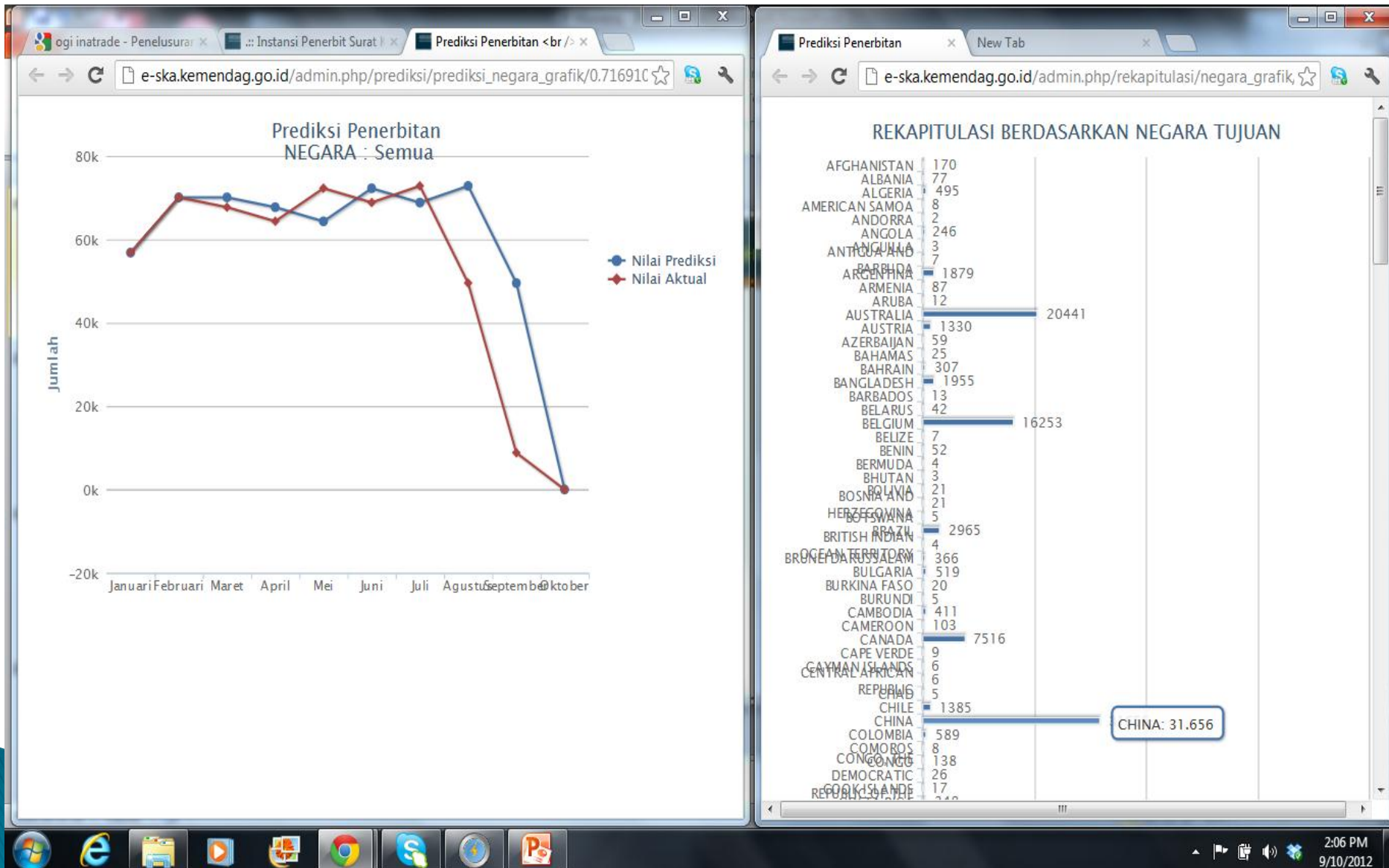
 Search  Clear

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Wisma SMR 10th Floor, Jl. Yos Sudarso Kav. 89  
Jakarta 14350. Indonesia

# INSW Helping GA's in Analyzing Integrated Database through Business Intelligence Tools



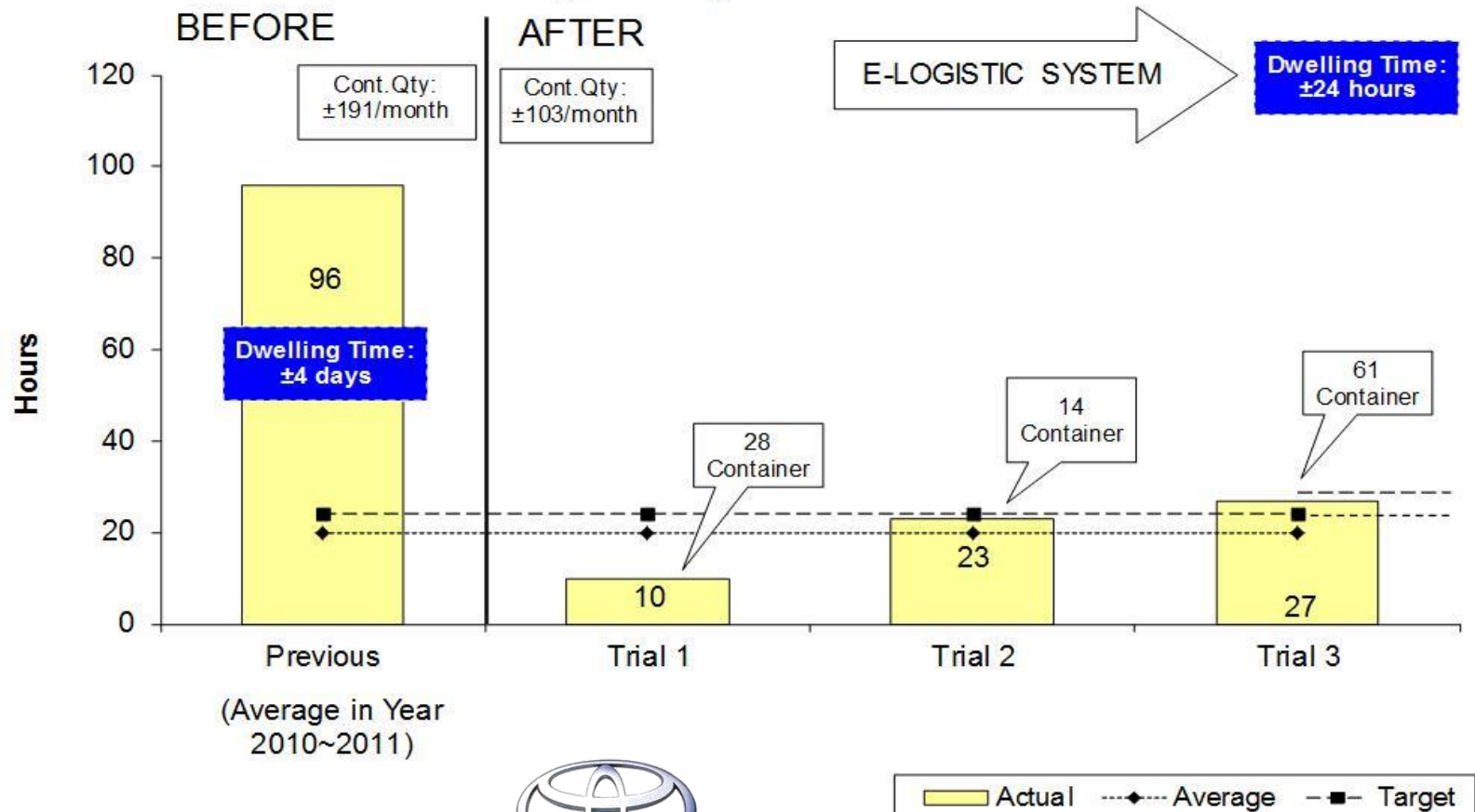
# System Performance Dashboard

## INSW Feature To Keep its Performance in good condition



# Result of Time Release Improvement

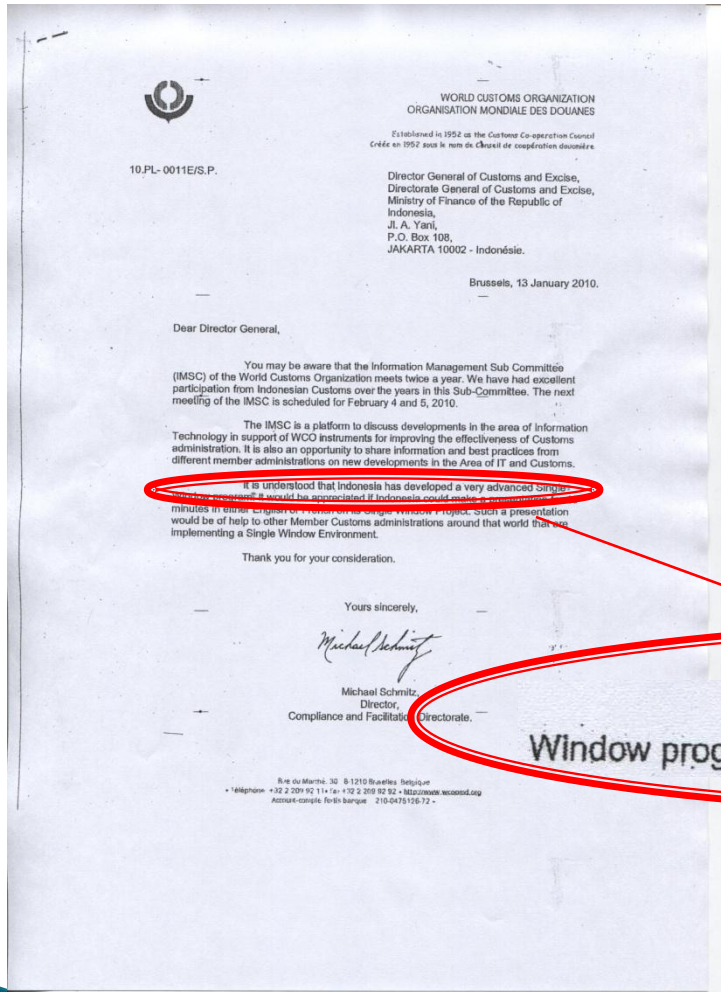
Summary Dwelling Time at KOJA Port



PT. TMMIN



# WCO Recognition on INSW



It is understood that Indonesia has developed a very advanced Single Window program!



# ASEAN SINGLE WINDOWS

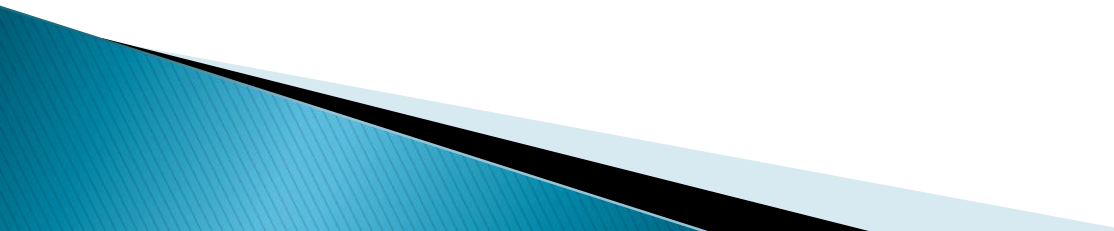
## Cross Border Technical and Legal Interoperability

# Technology and Data Standard on INSW and ASW

## ▶ Technology

- SOA – Service Oriented Architecture
- Cloud Computing Technology
- PKI – Public Key Infrastructure
- BI – Business Intelligence

## ▶ Data Standard

- ebXML
  - EDIFACT for Customs Services
  - ASEAN Data Model
  - Proprietary XML for National Data Standard
- 

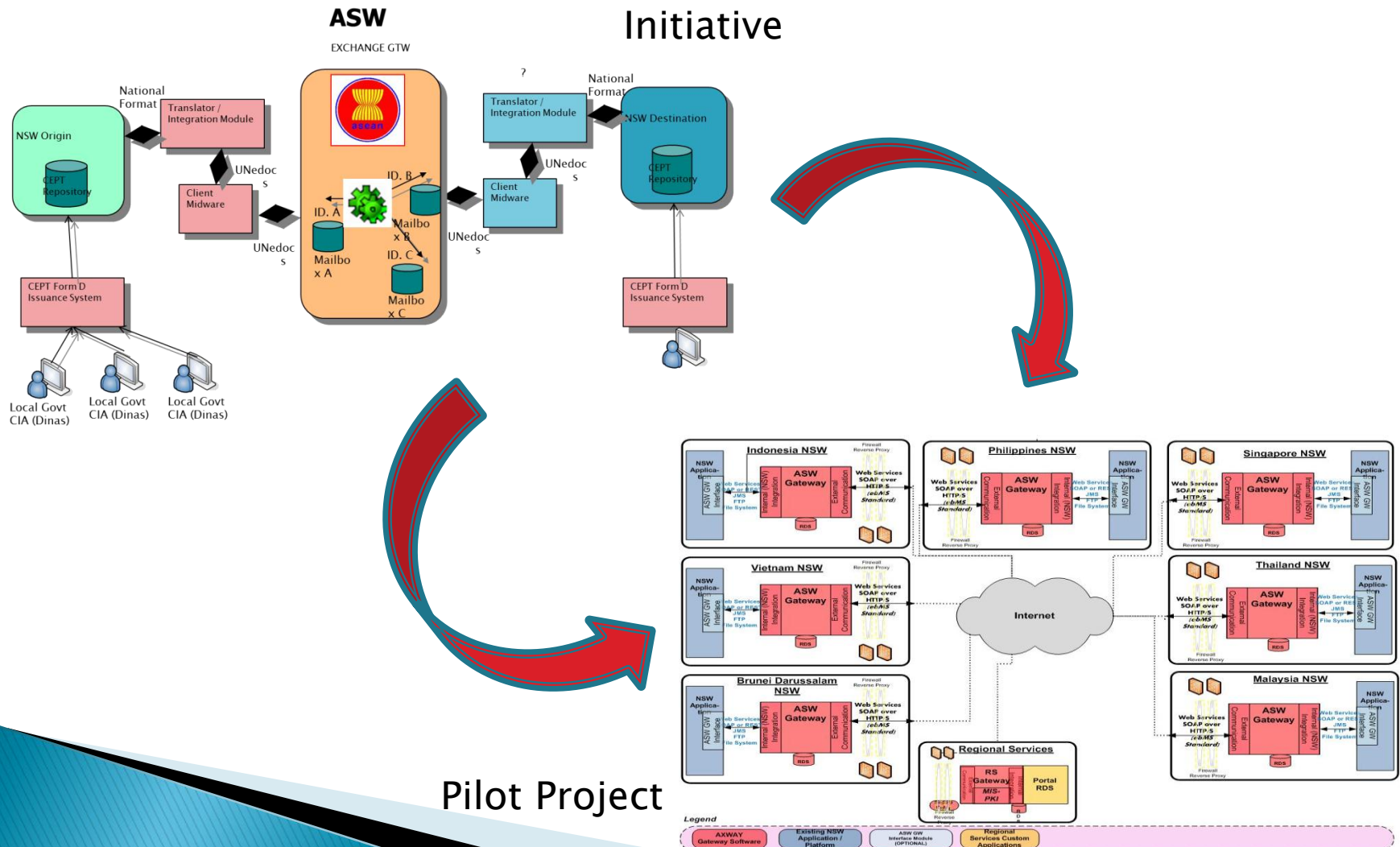
# Regional Integration – ASEAN Single Window

- ❑ ASW Exchange Gateway System already installed, part of component 2 → 2012
- ❑ Message Standard for ATIGA Form D & ACDD based on ASEAN Data Model → Developed by ASEAN Sec Expert Team, funded by USAID
- ❑ QC & QA System Test → Singapore, Philippines, Malaysia, Indonesia, Brunei Darussalam, Thailand, Vietnam

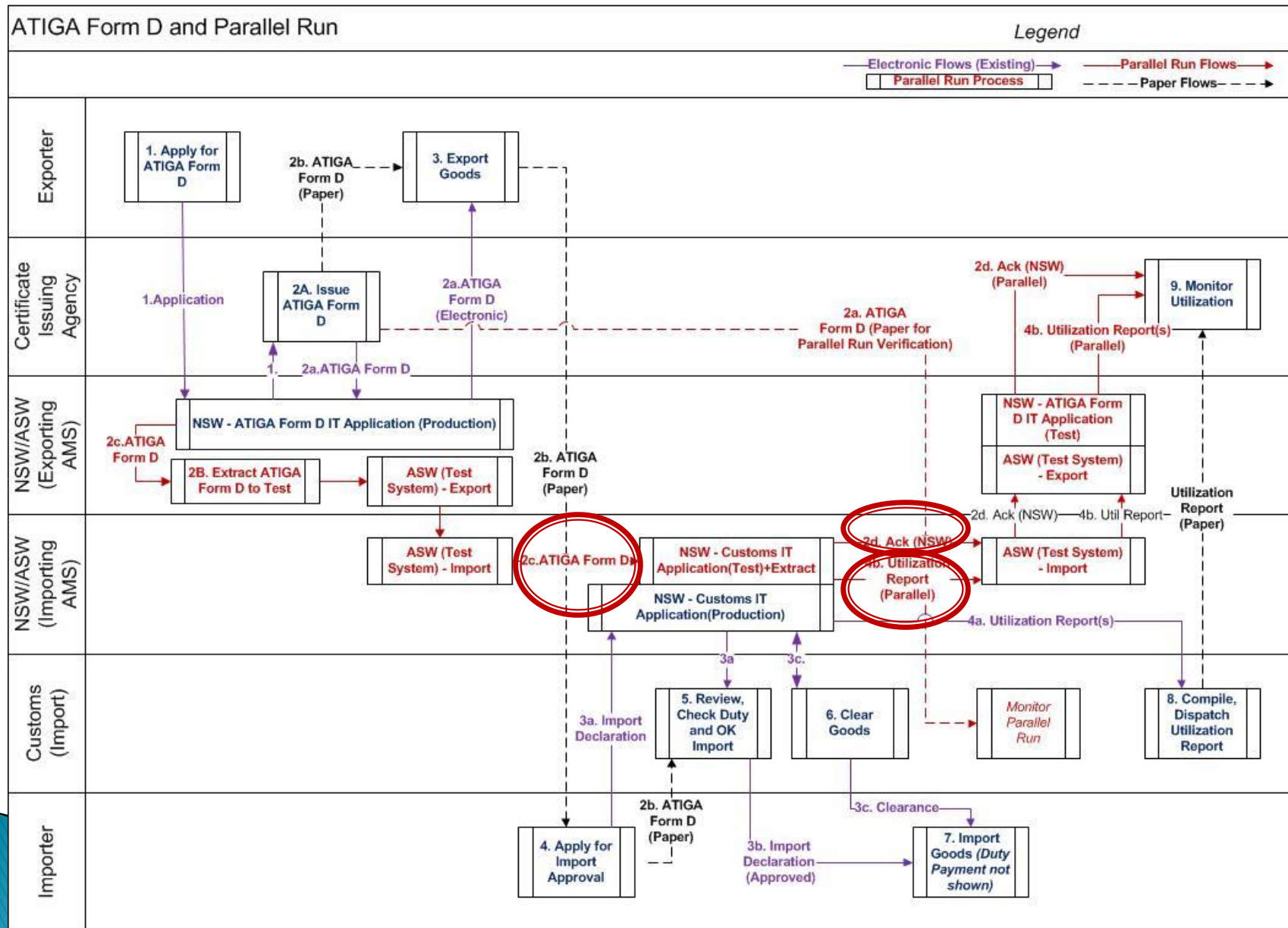
- *The initiative Stage of ASW Pilot–Project → ASW Data Integration for Indonesia, Malaysia, Philippines & Brunei (CEPT Form D Data Exchange) initiatives → Since Sept 2009*
- *The Pilot Stage of ASW Pilot–Project → ASW Data Integration for 7 member states (Data Exchange of ATIGA Form D & ACDD – ASEAN Customs Declaration Document)*



# ASW Gateway, From Initiative to Pilot Project



# Flow of Process, ATIGA Form D Certificate of Origin

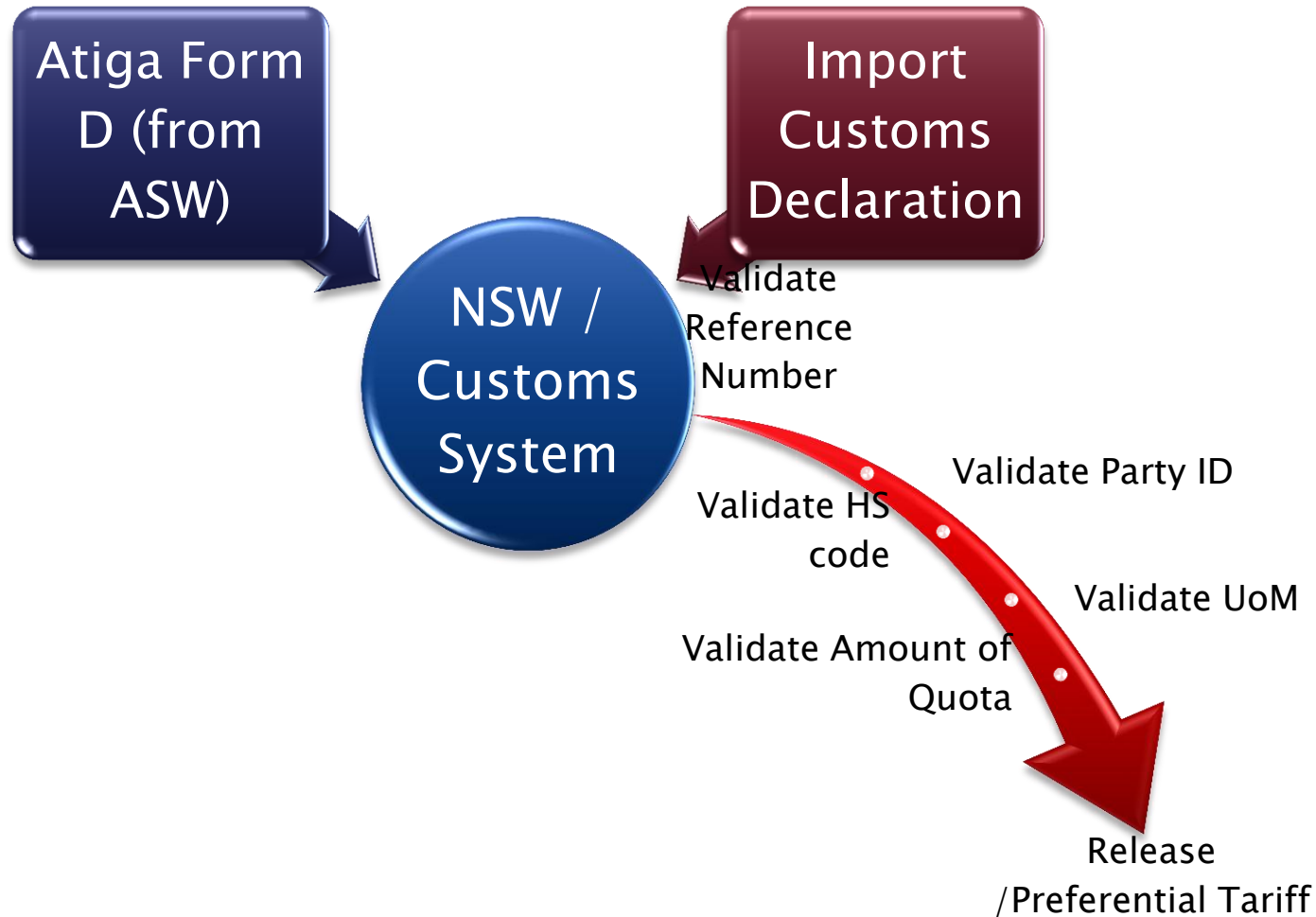




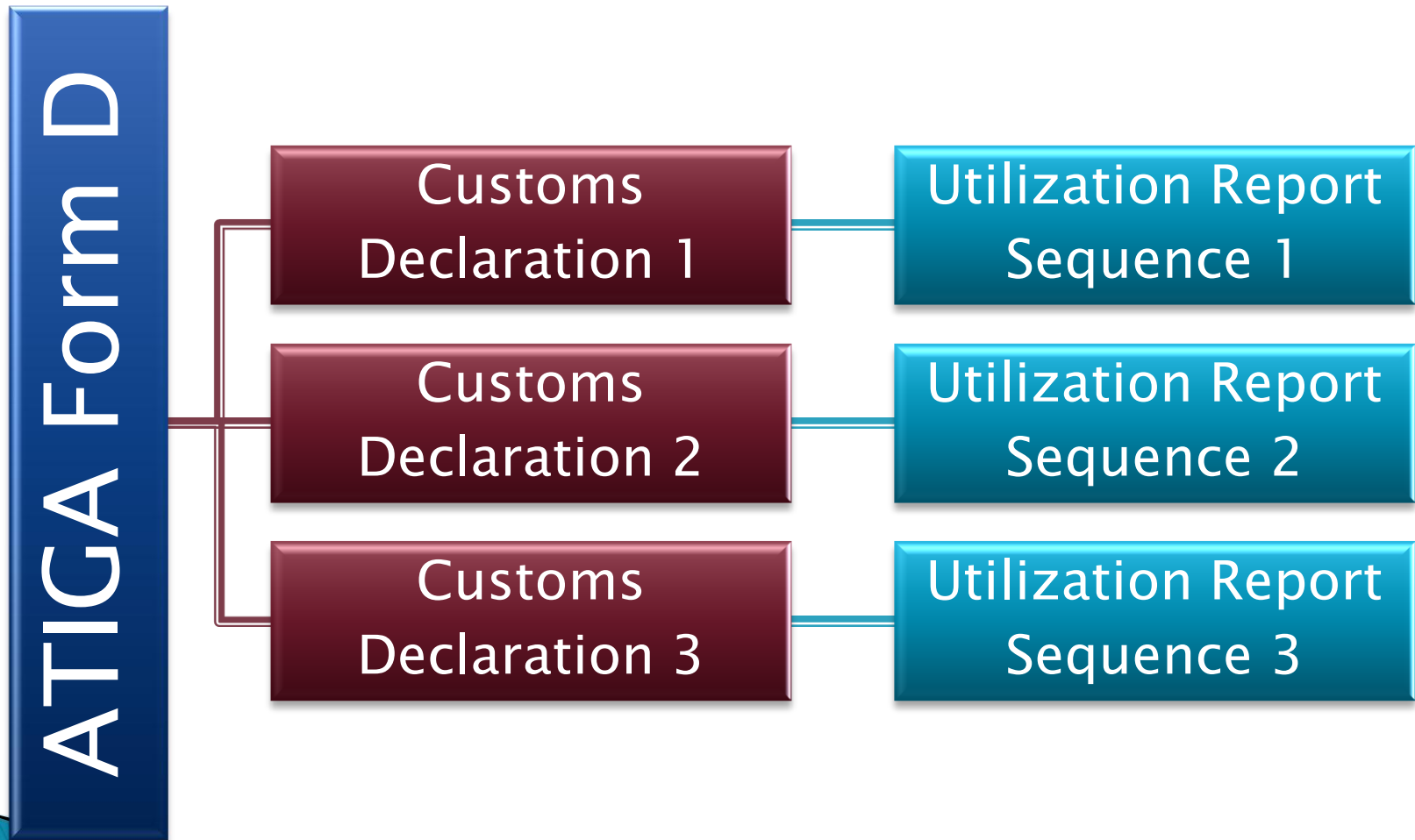
# Type of Message to be exchanged

- ▶ ATIGA Form D
- ▶ Acknowledgement
- ▶ Utilization Report

# The Way Data Validation Should Happened in electronic manner in the ASW



# ATIGA Form D – utilization




# Example of Automatic Data Reconciliation / Verification through ASW/INSW

Instansi Penerbit Surat Ke


Indonesia - National Single

apps1.insw.go.id/index.php?action=skansw



TRANSPARENCY  
CONSISTENCY  
EFFICIENCY  
SIMPLICITY

User login : muwasig [28 Juni 2012 14:24:44]  
Hari ini : 28 Juni 2012 14:45:27



User ManagementImporEksporManifestA S WTPS OnlineLinkChange PasswordSign Out

SKA NSW

Pencarian Berdasarkan

COO No

Seluruh kata

COO Date :s/d

\* Tanggal Kosong : Mencari 1 hari kebelakang

Original Country

SKA

-


Cari

Print

	COO No	COO date	Consignee Form	Consignee To	Original Country	Destination Country	Discharge Port	Vessel Name	Departure	Status
<input type="checkbox"/>	JB-072057H-009702	03-DEC-12	LONDON BISCUITS BERHAD NO.1 JALAN ISTIMEWA 2, TAMAN PERINDUSTRIAN DESA CEMERLANG 81800 ULU TIRAM, JOHOR	PT INTERFOOD SUKSES JASINDO(JAKARTA) JL.KARTINI II NO.19(RUKO), KEL PASAR BARU,KEC.SAWAH BESAR	MY-MALAYSIA	ID-INDONESIA	IDJKT-TG. PRIOK JAKARTA	CTP CHARLIE V.001E	03-JAN-12	Utilized

Detil SKA NSW

No.	Package Type	Package Number	HS Number	Good Descriptions	Gross Quantity	Invoice Number/Date	Document Date
1	PK	0	1905903000	2 X 40'HQ CONTAINERS STC :-2900 CARTONS OFLONDON ROLL CHOCOLATE ( INDO )12BOXES X 24PCS X 18GMS - 900 CTNSLONDON ROLL COCONUT12BOXES X 24PCS X 18GMS - 600 CTNSLONDON CHOCO ROLL 12BOXES X 24PCS X 18GMS - 400 CTNSLONDON ROLL STRAWBERRY ( INDO )12BOXES X 24PCS X 18GMS - 200 CTNSLONDON ROLL BLUEBERRY ( INDO )12BOXES X 24PCS X 18GMS - 350 CTNSLONDON ROLL MILK12BOXES X 24PCS X 18GMS - 220 CTNSLONDON ROLL VANILLA12BOXES X 24PCS X 18GMS - 230 CTNSNET WEIGHT : 15,033.60 KGS133.40 M3	17933	GPI02199	13-DEC-11



2:45 PM  
6/28/2012

# Most of The Problem, comes from

- ▶ Difference UoM between Atiga Form D from Exporting Countries with Import Customs Declaration in importing Countries (submitted by importers)
- ▶ Difference identification on the party between exporter and importer (eq. Toyota Indonesia → ATIGA Form D, Toyota Motor Manufacture Indonesia → Customs Declaration), No. Unique Trader ID at the moment.
- ▶ Doubt on the Sustainability of ASW ??



# Positive Impact of INSW and Cross Border Data Exchange

## ▶ For Customs

- Expedite Customs clearance process, especially related to GA's Import-Export license verification works.
- Improve Import-Export Data accuracy, especially for data reconciliation between GA's and ASEAN Member States / Cross Border Parties
- Customs Control Improvement, for Customs official by getting the information of the licenses from GA's electronically in real time basis.
- Eliminate document frauding, by electronic reconciliation system, customs official no longer rely on the paper document for authenticity verification.

## ▶ For OGA's and AMS

- All related GA's implementing international standard as the base of their license services (WCO, UNTDED, ISO, etc)
- All related GA's continuously improving their e-licensing system to support INSW system and it's SLA's.
- GA's start implementing risk management as part of their service improvement
- GA's receive customs declaration utilization report of their license's in real time basis from INSW system. Thus eliminate formal request work as before INSW implementation.

## ▶ For Traders

- Expedite Document Clearance time while simplifying overall clearance process.
- Using INSW as a single point of information, trader can easily get the updated information on tariff, controlling goods regulation and also able to track and trace their overall clearance process in real time, not only on customs but also.
- Assurance of service level delivered by all GA's related INSW through transparent SOP and SLA 's generated through INSW system.



# Thank You

<http://www.insw.go.id>

<http://eservice.insw.go.id>

<http://www.aswexchangegateway.com>

<http://asw.asean.org>

<http://rsportal.asean.org>