

ASEAN Single Window(ASW) & Indonesia National Single Window (INSW)

Best Practice of Cross Border Paperless Trade Integration

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INDONESIA NATIONAL SINGLE WINDOW (INSW) OPERATING AGENCY
MINISTRY OF FINANCE



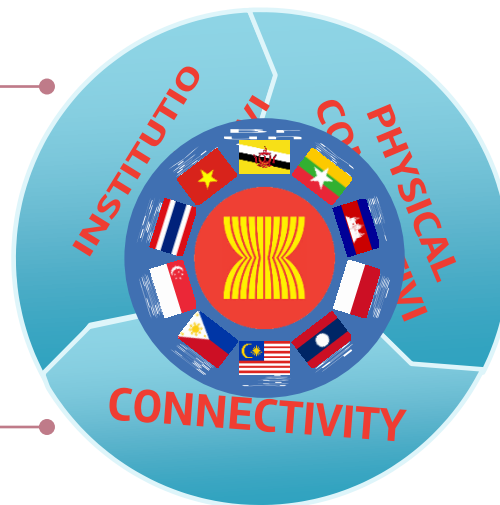
<http://www.insw.go.id>

Connectivity in ASEAN Has 3 Dimensions: Physical, Institutional and People-to-People



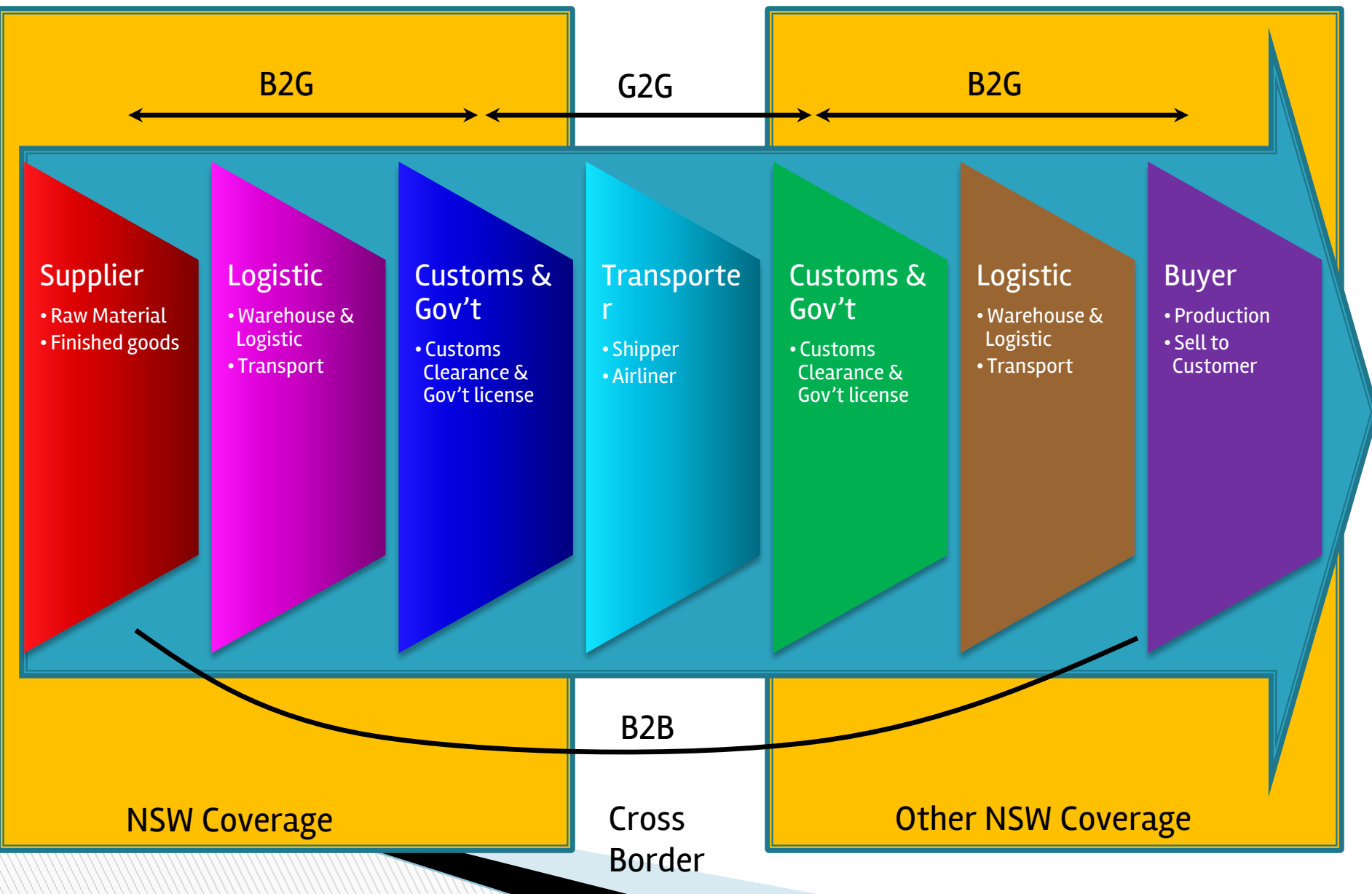
Aspects which improve the regulatory environment which can enhance connectivity within member states

Promoting exchange of culture, tourism, education and know-how



Infrastructure that will support greater connectivity among and within member states

Total Cycle of Cross Border Global Value Chain



Business Value Chain of ASW

Support Key:

- Support from Business Community
- Commitment of ASEAN Leader
- Legal Support from both National legislation and ASEAN

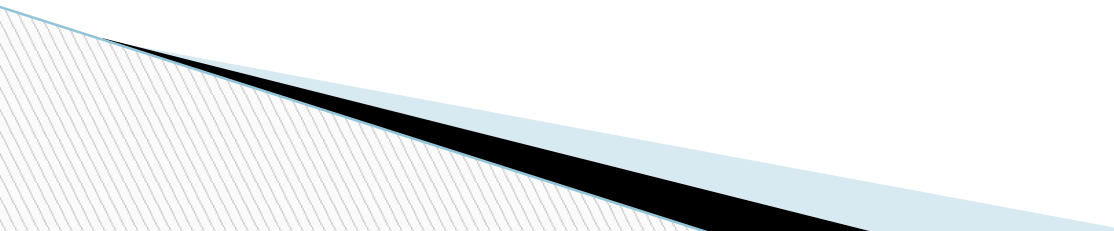
Primary Key:

- Transaction Simplification in both National & ASEAN
- Information Transparency in both National & ASEAN
- Business Service Level Enhancement in both National & ASEAN
- Document Fraud elimination
- Information Accuracy Improvement

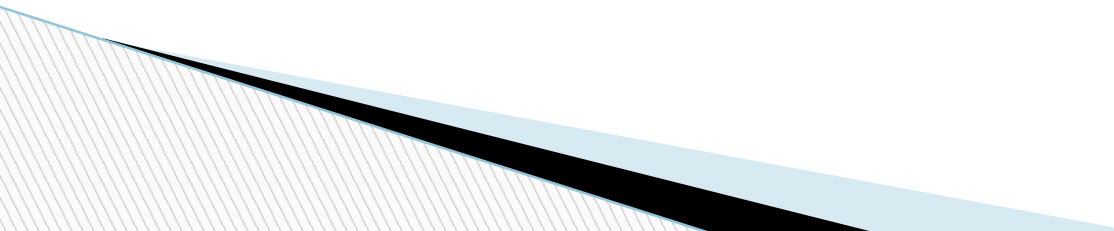
Goal:

Simplifying Cross Border
Paperless Trade in ASEAN

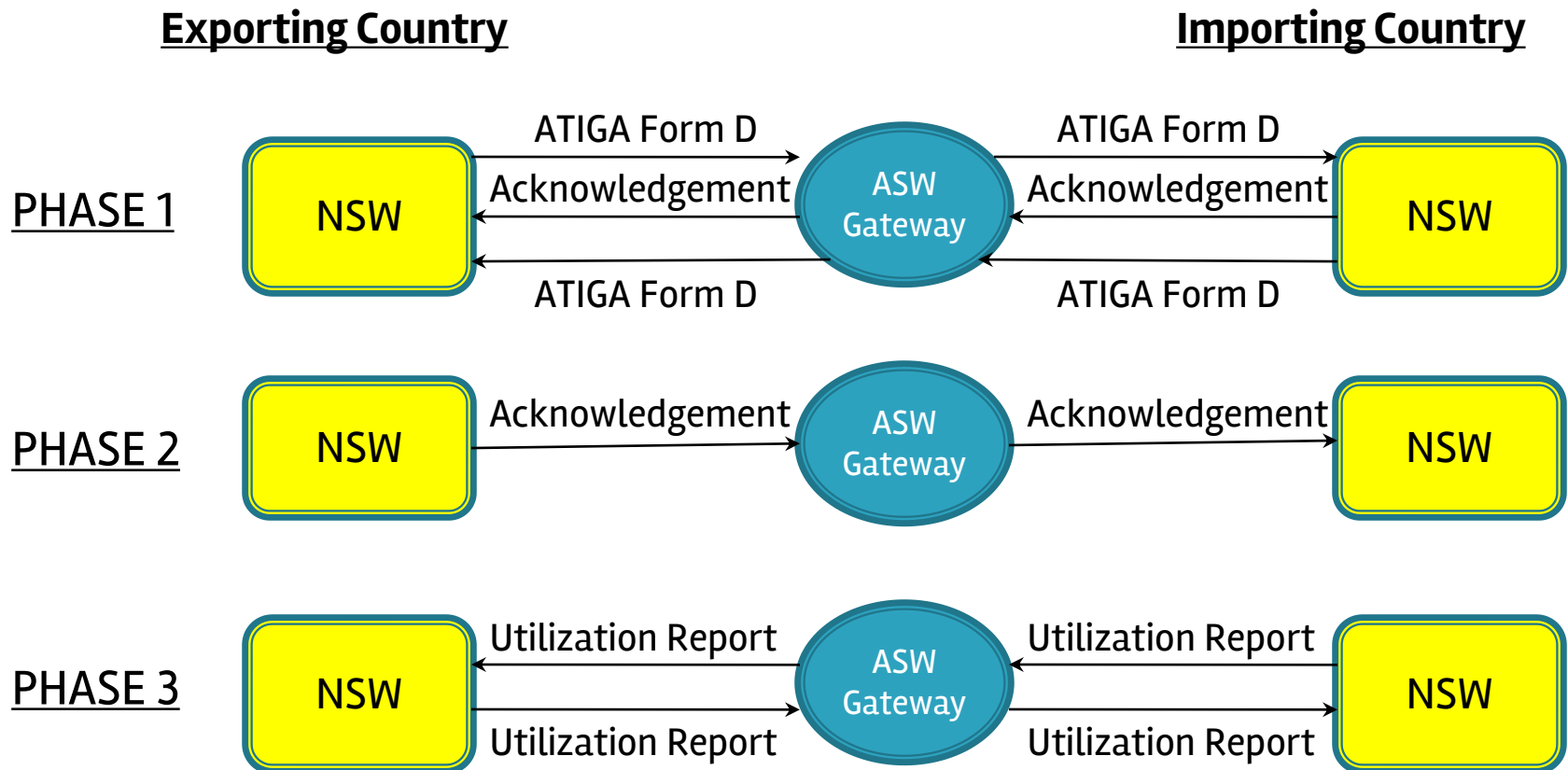
ASW Brief History

- 2003: Heads of State endorse idea of single window to support the ASEAN Economic Community
 - 2004: Inter-Agency task force to establish ASW
 - 2005: ASW Agreement signed
 - 2006: ASW Protocol signed (incl. technical guide)
 - 2007: First meeting of ASW Steering Committee
 - 2009: Launch of ASW Pilot Project; development of software application to exchange origin certificate
 - 2010: Legal MOU for Pilot signed by Customs DGs
 - 2011: Architecture design for ASW Pilot complete
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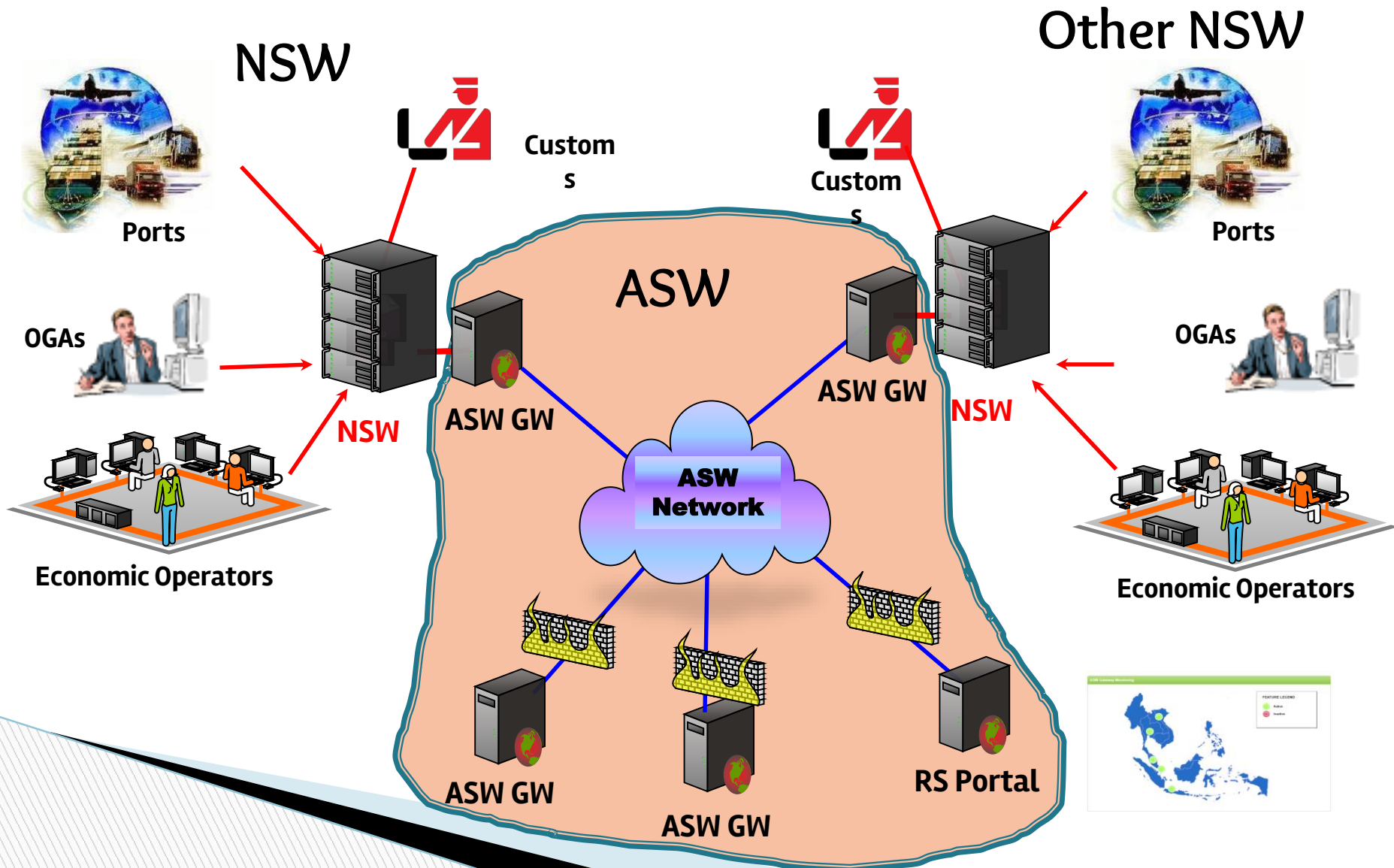
ASW Brief History (continued)

- ❑ 2012: ASW Sustainability Study complete – covers value proposition, governance, staffing, business model, financial feasibility analysis, transition path
 - ❑ 2012: ASW/NSW Symposium
 - ❑ 2013: Completion of ASW pilot architecture implementation between 7 member states, over a million messages exchanged on test basis
 - ❑ 2013: Preliminary evaluation of pilot conducted; conclusion: Pilot successfully achieved its objectives
 - ❑ 2013: Cross-border business process analysis, priority BPs and documents identified
 - ❑ 2013: ASW web portal launched, asw.asean.org
 - ❑ 2015: Start Pilot Exchange of ATIGA Form D
 - ❑ 2017: Live Exchange of ATIGA Form D
- 

Initial Design ASW Flow in 2008



ASW Architecture



ASW Data Exchange Model and Goals

■ Current


- ATIGA Form D (ASEAN Trade in Goods) – Certificate of Origin
Expedite Customs Clearance Parties involved: Customs, Certificate Issuing Agencies


■ Next Phase


- ACDD (ASEAN Customs Declaration Document) Enhancing Export/Import Statistics Parties involved: Customs
- SPS Certificate Expedite Quarantine Inspection Clearance
Parties Involved: Quarantine Authorities


ASW Regional Services ASW Gateways


Administering


**ASEAN SINGLE WINDOW**
REGIONAL SERVICES PORTAL

You are logged in as ADMIN INDONESIA, WEDNESDAY, MAY 24, 2017 - 11:02:17 |  LOGOUT

Reginal Services Portal Home

Reference Data System


Management Information Service

Portal Management



Management Information Service

- Trusted Certificates Management
- ASW Gateway Monitoring
- Message Transaction
- Reports

ASW Gateway Monitoring



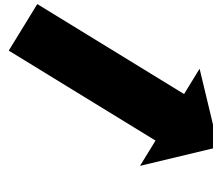
FEATURE LEGEND

-  Active
-  Inactive

ASW is the Transformation in Document/Data Validation



From Hardcopy
Validation Average 10
mins per document



Became Electronic Validation
less a minute

penelitian dokumen bea x 959612_customs1.jpg (5 x Indonesia National Singl x

Secure | https://apps1.insw.go.id/index.php?action=perjinan_ga

1. Karantina Tumbuhan 64061-KT 9 - Sertifikat Pelepasan 201720401K.09006318 30/03/2017 03 150 225 5-045.000 CV CHERRY FRUIT 30/03/2017 20 31 58 Sudah dipaki 1

LICENSE

HEADER

NO. PIB	: 031959	ALAMAT	: JL KAMPUNG SEMPER NO 30 RT.001 /003 CILINCING - CILINCING - JAKARTA UTA
TGL. PIB	: 30/03/2017	NEGARA PEMASOK	: CHINA
KPBC	: 070100 - KANTOR PELAYANAN BEA CUKAI TANJUNG PERAK	PELABUHAN MUAT	: Shekou
NPWP	: 03.150.225.5-045.000	PELABUHAN TRANSIT	:
NAMA IMPORTIR	: CV. CHERRY FRUIT	PELABUHAN BONGKAR	: Tanjung Perak

PENCARIAN BERDASARKAN

NO. HS : ☐ Seluruh Kata

TGL. PENGIRIMAN :

NO.	NO. HS	SERI	URAIAN BARANG PIB	URAIAN BARANG LARTAS	TGL. PENGIRIMAN	JUMLAH	SATUAN
1.	08055010	1	FRESH LEMON, @15KG/CT	Buah jeruk, segar atau dikeringkan - Lemon (Citrus lemon, Citrus limonum) dan limau (Citrus aurantifolia, Citrus latifolia)	30/03/2017 20 48 03	27000	small spray
2.	08055010	1	FRESH LEMON, @15KG/CT	Buah jeruk, segar atau dikeringkan - Lemon (citrus lemon, citrus limonum) dan limau (citrus aurantifolia, citrus latifolia)	30/03/2017 20 47 57	27000	small spray
3.	08055010	1	FRESH LEMON, @15KG/CT	Buah jeruk, segar atau dikeringkan - Lemon (citrus lemon, citrus limonum) dan limau (citrus aurantifolia, citrus latifolia)	30/03/2017 20 47 44	27000	small spray

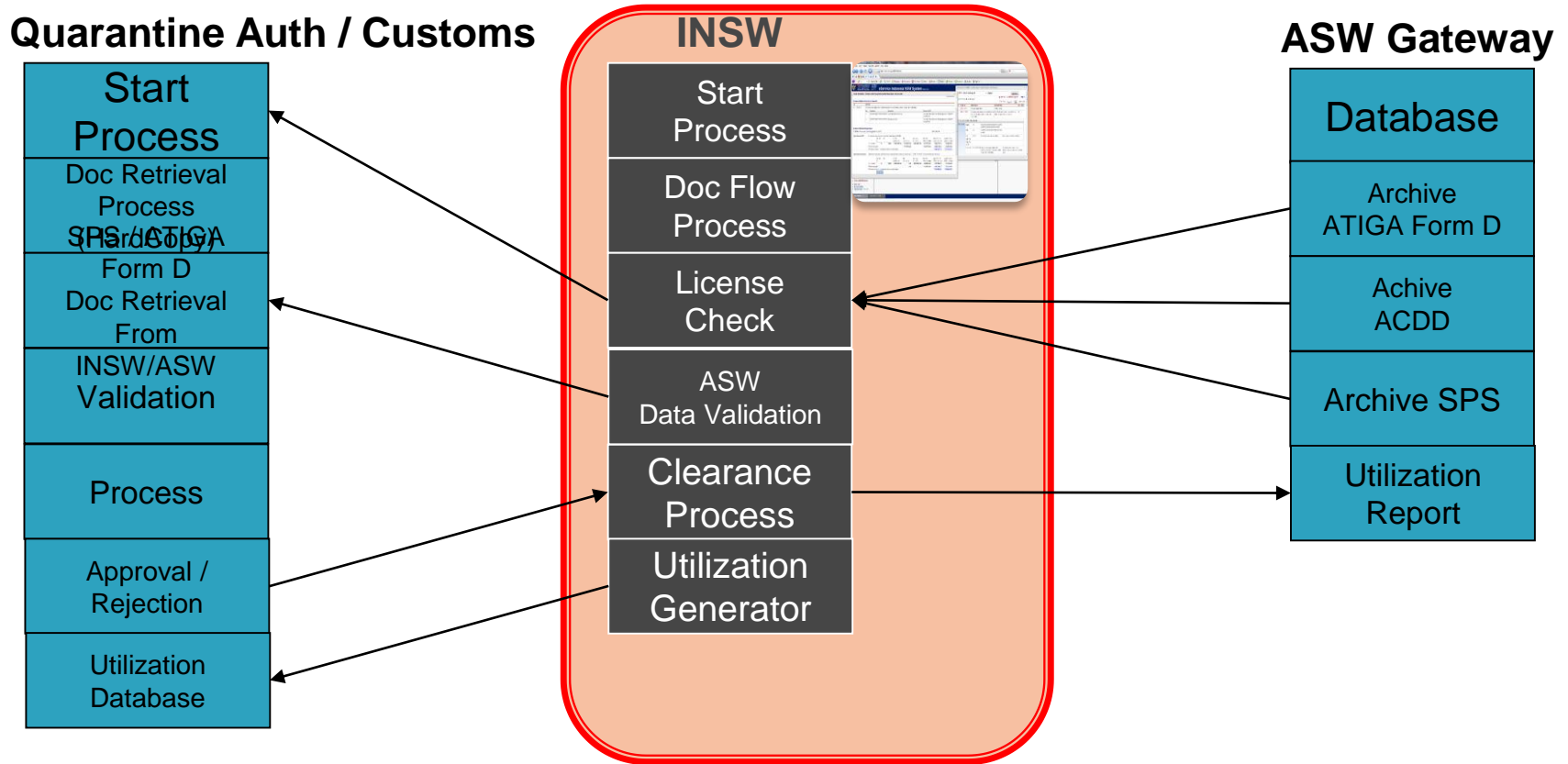
Records 1 - 3 from 3

JABATAN : AHLI PERTAMA

DETAIL KARANTINA TUMBUHAN

04.11 31/03/2017

NSW Integration with ASW, Business Process Blocks (inbound flow)



Result of ASW in NSW

SKA NSW

PENCARIAN BERDASARKAN

NO. COO : ☐ Seluruh Kata

TGL. COO : 01/06/2016 s/d 06/04/2017

ORIGINAL COUNTRY : TH THAILAND

Print

<< < 1 Go > >>

NO.		NO. COO	TGL. COO	CONSIGNEE FROM	CONSIGNEE TO	ORIGINAL COUNTRY	DESTINATION COUNTRY	DISCHARGE PORT	VESSEL	TGL. KEDATANGAN	STATUS
1.	<input type="checkbox"/>	D2016-0325918	2016-12-02 00:00:00			TH - THAILAND	ID - INDONESIA	IDJKT - TG. PRIOK JAKARTA	LEO LEADER/V56	2016-12-01 00:00:00	

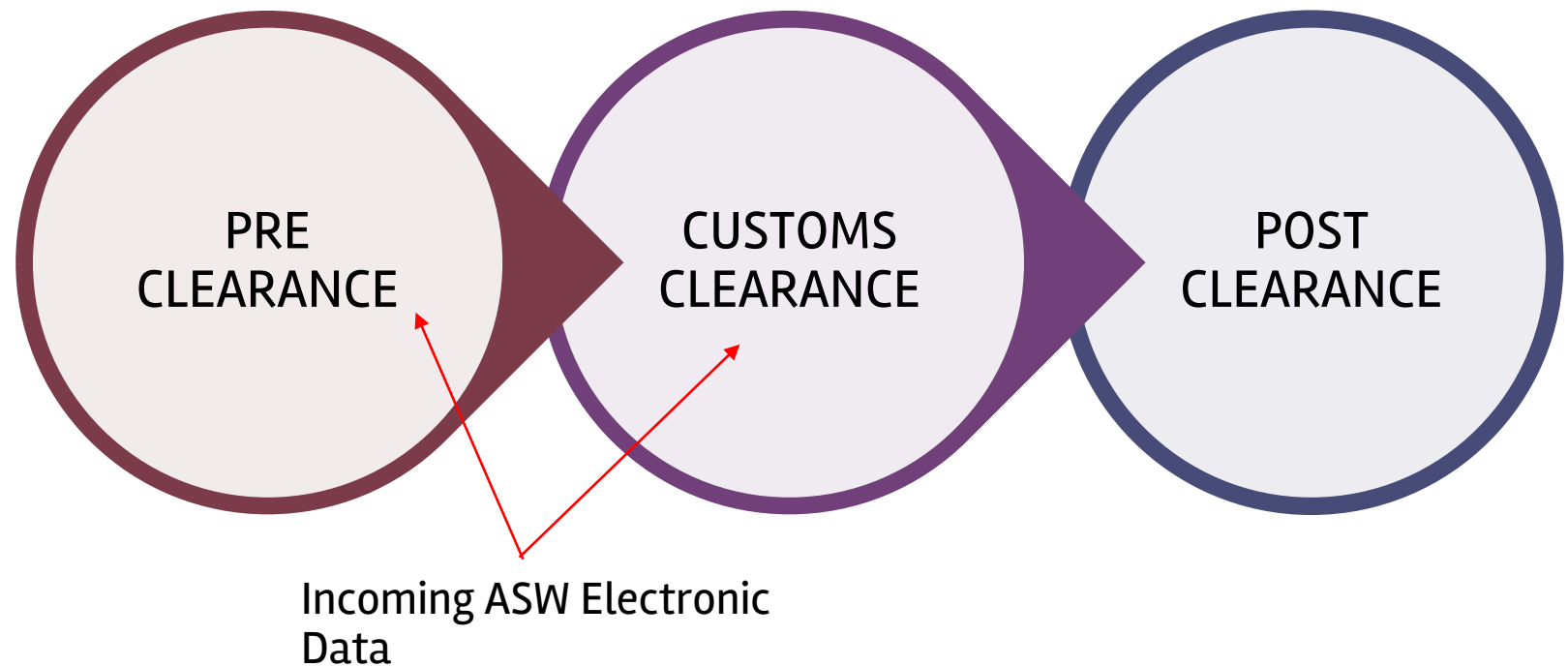
DETAIL SKA NSW

NO.	TIPE KEMASAN	NO. KEMASAN	NO. HS	URAIAN BARANG	BERAT KOTOR	NO. DOKUMEN	TGL. DOKUMEN	SATUAN
1.		0	8704212900	KUN125R-DTAMHD	4090	VMC-C4055	28/11/2016	KGM
2.		0	8704212900	KUN125R-DTFLHD	8100	VMC-C4055	28/11/2016	KGM
3.		0	8704212900	KUN125R-DTFSHD	32560	VMC-C4055	28/11/2016	KGM

2.	<input type="checkbox"/>	D2016-0325759	2016-12-02 00:00:00		TH - THAILAND	ID - INDONESIA	IDJKT - TG. PRIOK JAKARTA	STADT ROSTOCK V.16010S	2016-12-01 00:00:00	
3.	<input type="checkbox"/>	D2016-0326132	2016-12-02 00:00:00		TH - THAILAND	ID - INDONESIA	IDJKT - TG. PRIOK JAKARTA	CAPE MAGNUS V.0034S	2016-12-02 00:00:00	
4.	<input type="checkbox"/>	D2016-0325756	2016-12-02 00:00:00		TH - THAILAND	ID - INDONESIA	IDJKT - TG. PRIOK JAKARTA	STADT ROSTOCK V.16010S	2016-12-01 00:00:00	

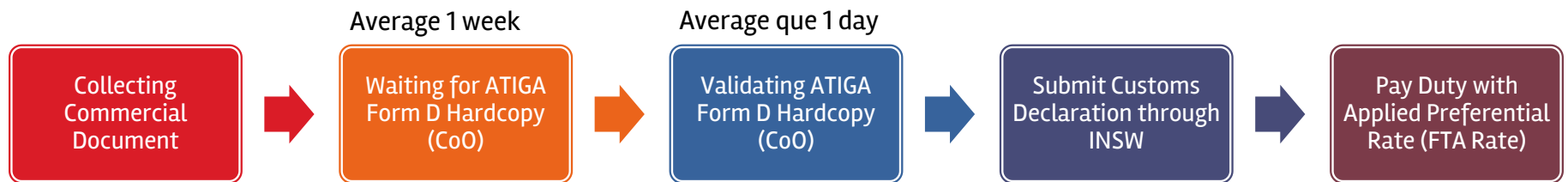
DETAIL SKA NSW

Where is ASW as regional in INSW clearance process reside ??

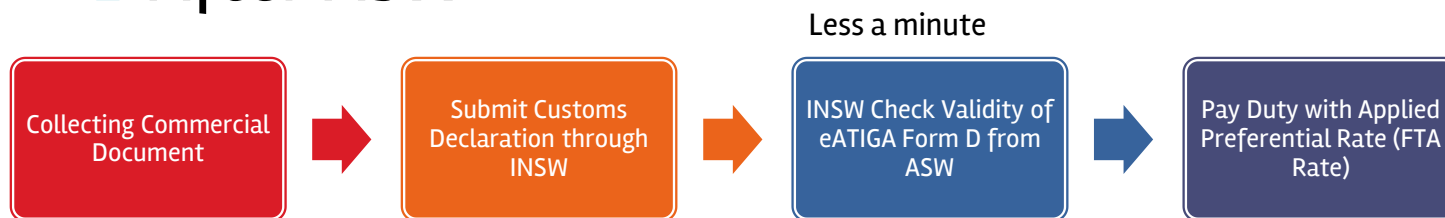


The impact of having e-ATIGA Form D through ASW

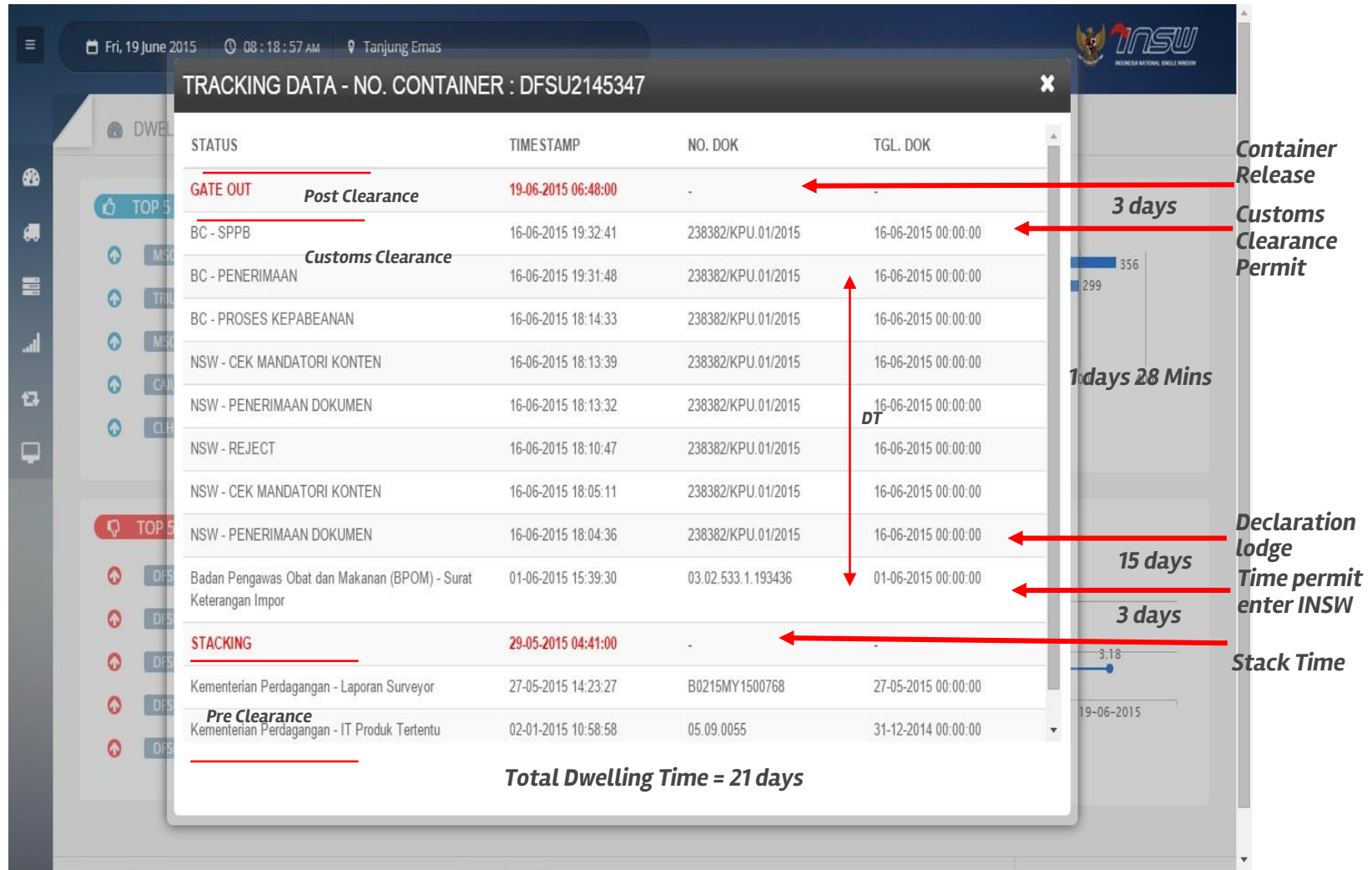
Before ASW



After ASW



Detail of Dwelling Time Analysis in INSW before ASW (Sample of bad performance container release time)



logistic cost saving assumption after ASW

❓ Document Courier Cost

- Courier Cost of hardcopy ATIGA Form D among ASEAN SINGLE WINDOW.
 - Assuming courier cost of ATIGA Form D Documents (incl insurance) each document is 50 USD, statistic of document exchange per year is 80 thousands documents under ASW, Total Cost Saving = $80.000 \times 50 \text{ USD} = 4 \text{ Million USD}$

❓ Container Storage Cost

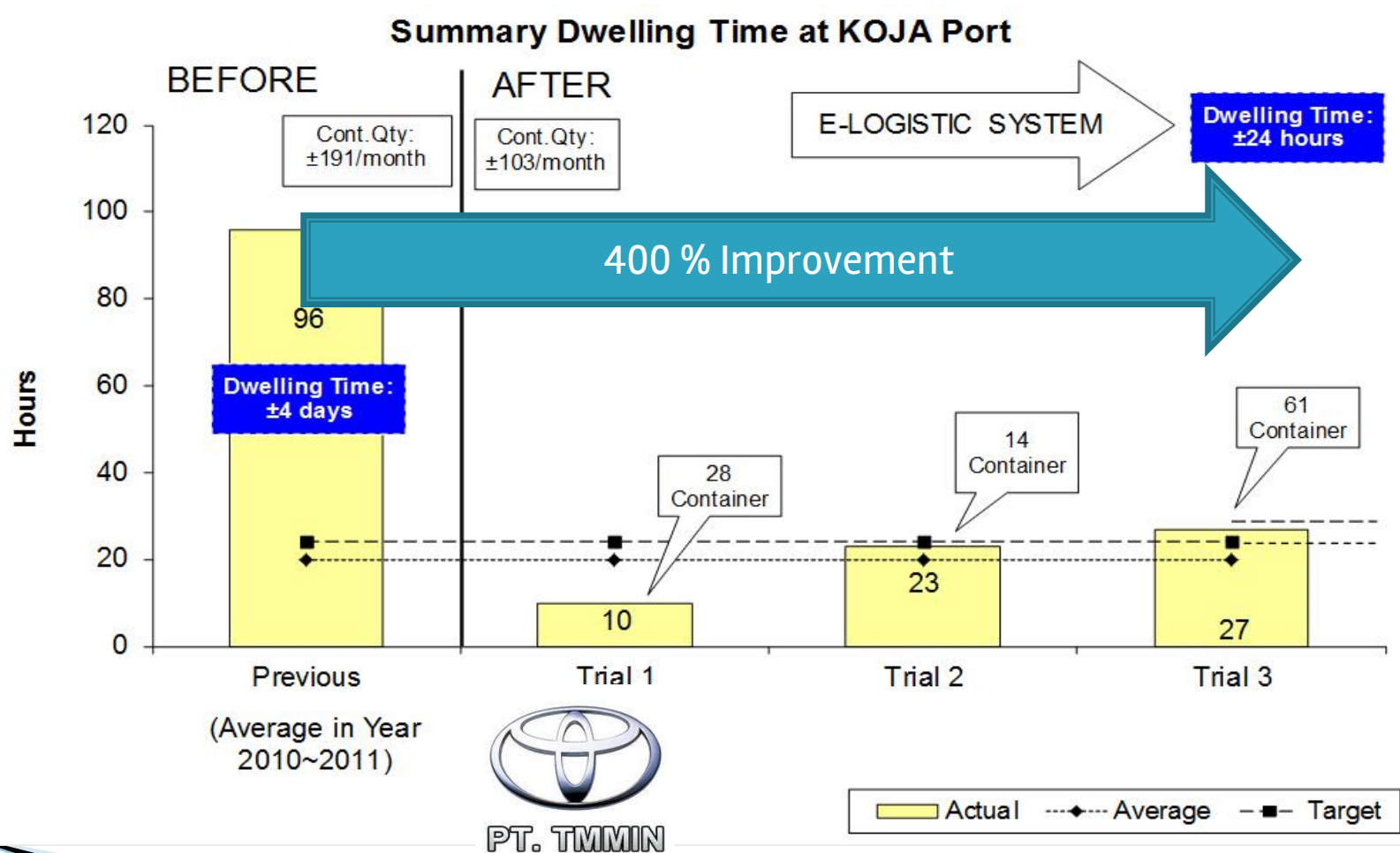
- Container Storage Cost, reduced :
 - Assuming Port Storage Cost per day 20 USD, average container dwelling time because of hardcopy ATIGA Form D = 7 days, Total Cost Saving = $80.000 \text{ container} \times 140 \text{ USD} = 11.2 \text{ Million USD}$

❓ Total Potential of logistic cost saving after ASW implementation = **15.2 Million USD** per year

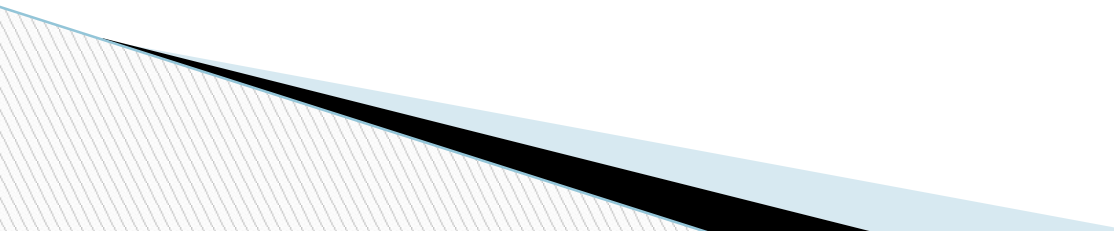
What we get from NSW and ASW Integration

- Automatic data matching between agencies and ASW Member Partners □ Faster Dwelling Time and Time Release
- Complete and Comprehensive source of data □ Better Data reconciliation, collection and analysis for accurate trade policy decision
- Collective risk data between agencies □ Better Risk Analysis and Mitigation

Dwelling Time Improvement Toyota Case, Total Integration of INSW, ASW and Port Community System



Summary – Lesson Learned

- ❑ Cross Border Paperless Trade Initiative under ASW is a 'realistic long learning process of legal, business process and technology integration'
 - ❑ Tight Interaction and Harmonization between Business Process Harmonization, Legal preparation and Information Technology adoption is the Success key of the ASW.
 - ❑ Expansion of 'ASW' Similar Approach to other area of Cross Border Paperless Trade initiatives will definitely saving a lot of trade cost
- 

The image is a collage of several Indonesian web portals. At the top left is the INTRADE portal with a flowchart. Next to it is the INSW (Indonesia Single Window) portal with a globe and the text 'Consistency - Simplicity - Transparency - Efficiency'. To the right is a 'List Postbox' interface showing a table of messages. Below these are several other portals, including one for 'BADAN KARANTINA PERBATAS' (Border Quarantine Body) and another for 'KEMENTERIAN PERKOTAAN, TRANSPORTASI DAN INFRASTRUKTUR' (Ministry of Urban Planning, Transportation and Infrastructure). Overlaid on the entire collage is the text 'Thank You' in large, bold, red letters.

