

ASEAN Single Window

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Agenda Information

- 01 Background and Concept for ASEAN single window
- **O2** ASW : Development and Implementation
- **03** ASW: Challenges and Experience

Background and Concept for ASEAN single window

In Line with the ASEAN Agreement

PART III DEVELOPMENT OF THE ASEAN SINGLE WINDOW



Article 5 Obligations of Member Countries

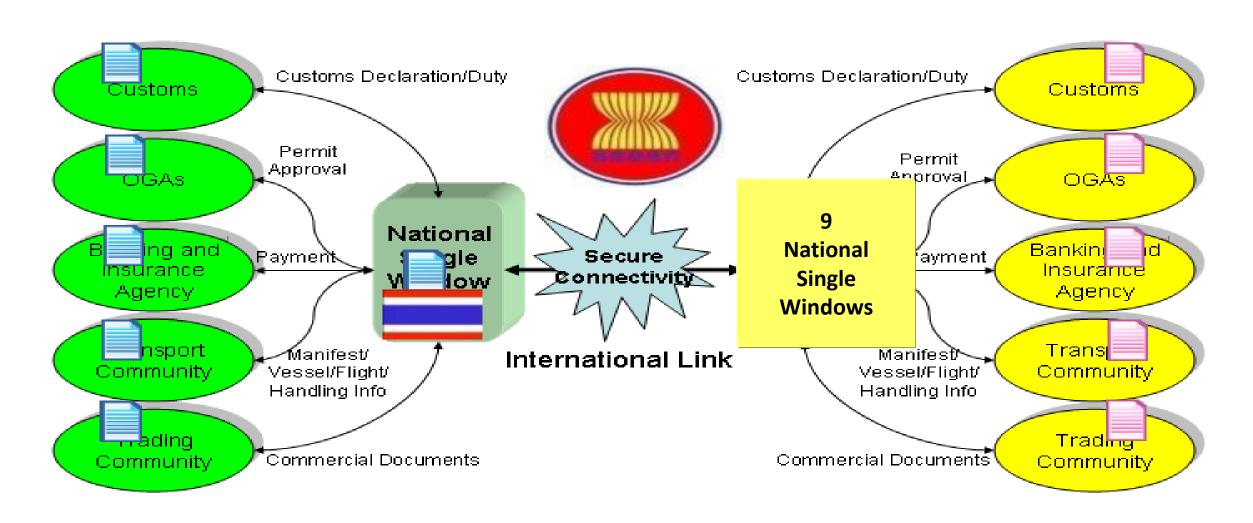
1. Member Countries shall develop and implement their National Single Windows in a timely manner for the establishment of the ASEAN Single Window. Brunei Darussalam, Indonesia, Malaysia, Philippines, Thailand and Singapore shall operationalise their National Single Windows by 2008, at the latest. Cambodia, Lao PDR, Myanmar, and Viet Nam shall operationalise their National Single Windows no later than 2012.

2. Member Countries shall ensure that their line ministries and agencies co-operate with, and provide necessary information to their Lead agency in accordance with their national laws in the development and implementation of their National Single Windows.

3. Member Countries shall make use of information and communication technology that are in line with relevant internationally accepted standards in the development and implementation of their National Single Windows.

4. Member Countries shall work in partnership with industries and businesses to support the establishment of their National Single Windows.

ASEAN Single Window (ASW) Conceptual Model



SINGLE WINDOW CONCEPT

UN/CEFACT Recommendation No 33

"A facility that allows party involved in trade and transport to lodge standardized information and documents with a single entry point to fulfill all import, export, and transit-related regulatory requirements. If information is electronic, then individual data elements should only be submitted once."



World Customs Organization (WCO)

A Single Window Environment is a cross border, intelligent facility that allows parties involved in trade and transport to lodge standardized information, mainly electronic, with a single entry point to fulfill all import, export and transit related regulatory requirements.



ASEAN Agreement to Establish ASEAN Single Window

Single submission, single processing and single decision making for customs release and clearance (summary)



Single Window Conceptual Model (ASEAN - ASW)



- 1. A Single Submission by Trader
- 2. A Single Processing of Data & Info
- 3. A Single Coordinated Consultation and Decision Making by the Customs

Single Window features



The evolution of Thailand National Single Window



Isolated

Organization

Face-to-Face

Services

II **Customs EDI Services** (G2B, G2G)

UN/EDIFACT and XML (Less paper)

1998-2006

XML

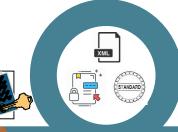
2006-2008

III **Multi Single Electronic** Windows (G2B, G2G, B2B)

ebXML/XML PKI/Digital Signature & other standards

IV **National Single** Window (Integrated Single Window)

> ebXML/XML PKI/Digital Signature & others



2008-2010

2011-2015

XML STANDARD:

V **ASEAN Single** Windows and other International cross-border data exchange

ebXML/XML PKI/Digital Signature & Others



Agenda Information

O2 ASW : Development and Implementation

03 ASW: Challenges and Experience

ASEAN single window: Development and Implementation

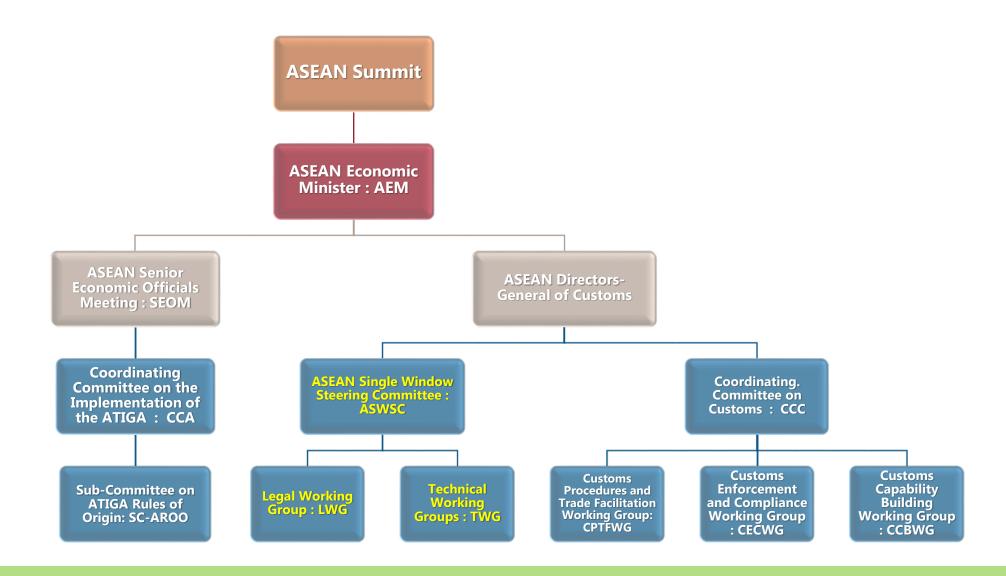
The Definition of ASEAN Single Window



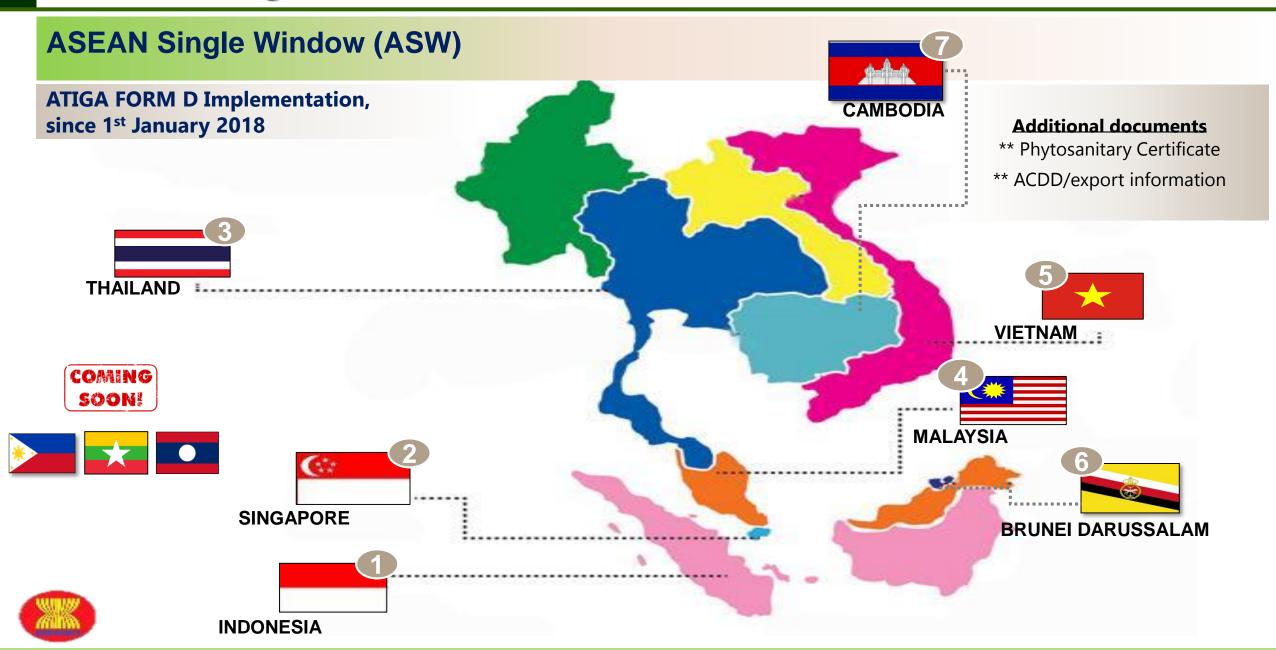
"The environment where National Single Windows of Member Countries operate and integrate."

Source: Agreement to Establish and Implement the ASEAN Single Window

ASEAN Governance Structures



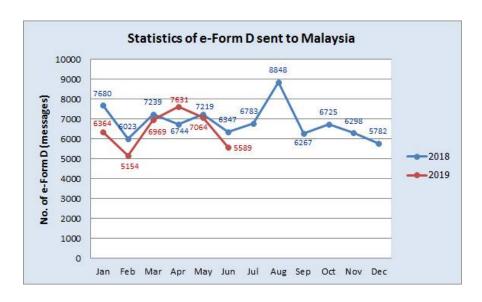
National Single Window with Cross-border Transaction

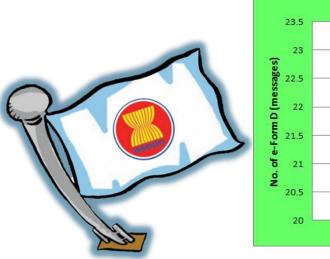


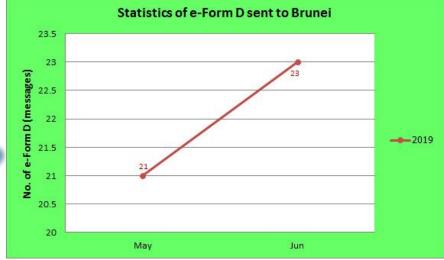
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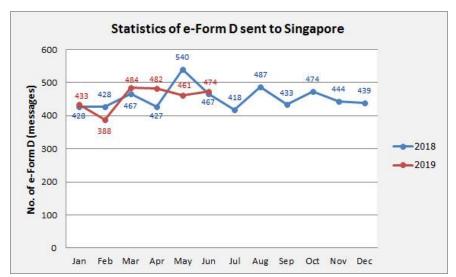
Statistics of e-Form D sent to other ASEAN member states (1 Jan 2018 – 30 June 2019)





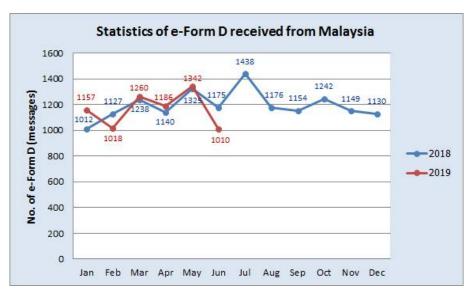


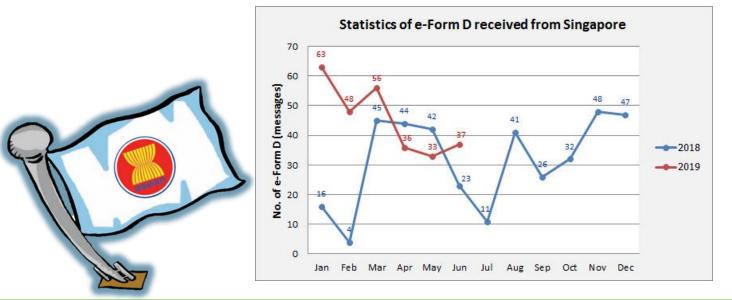


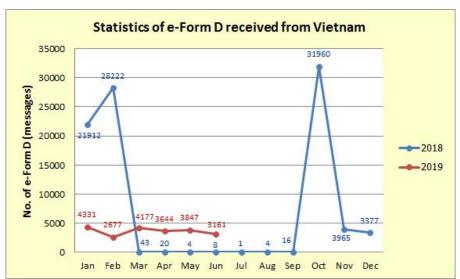


Statistics of e-Form D received from other ASEAN member states (1 Jan 2018 – 30 June 2019)

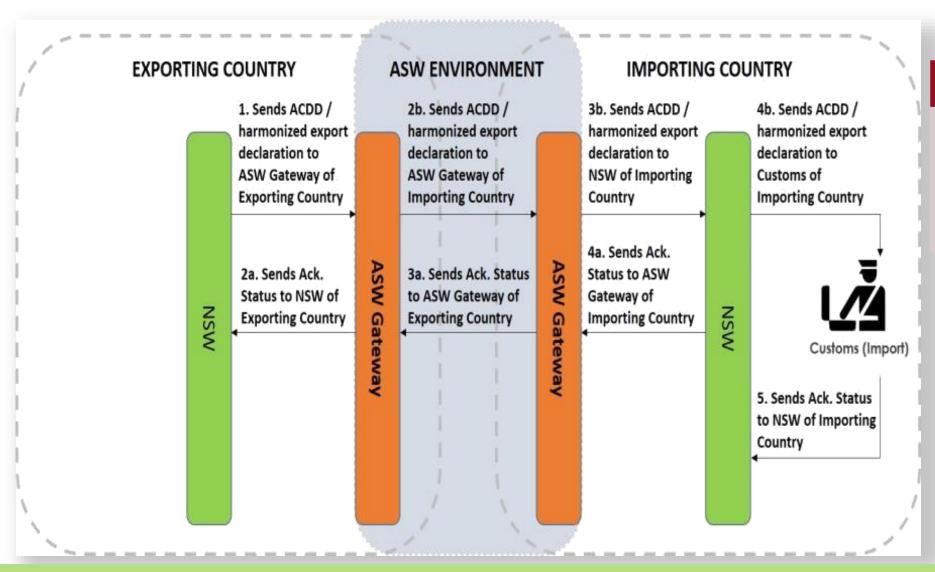








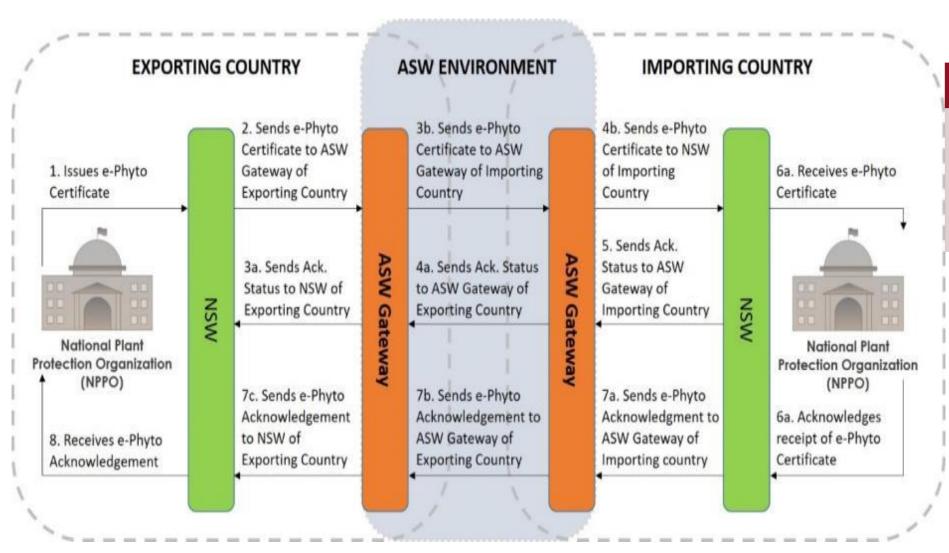
ACDD Development



Timeline (Provisional plan)

- At least 4 participating AMS should be ready to start testing by July 2019
- The implementation of the ACDD is approximately in 2020

The Process Flow of e-Phyto Certificate



Timeline (Provisional plan)

- At least 2 participating AMS should be ready to start testing by July 2019
- The implementation of the e-Phyto is approximately in 2020

ASEAN Single Window Staging Approach

ASW Activity (tentative plan)	2019	2020
 Brunei has e-Form D live operation 	Apr 2019	
 Cambodia has e-Form D live operation 	Jul 2019	
 The Philippines and Myanmar will have the additional testing for e-Form D 	■ Jul 2019	
 The Philippines and Myanmar have expected to join the live Operation 	Nov 2019	
 Lao PDR has targeted to start the 1st testing phase 	■ Sep 2019	
 Lao PDR has targeted to join the live Operation 	Dec 2019	
 Starting the ACDD testing phase between 4 ASEAN ready states 	■ Jul 2019	
 Starting the e-Phyto certificate testing phase between 2 ASEAN ready states 	Jul 2019	

Agenda Information



ASEAN single window: Challenges and Experience

How to Develop the System

Planning

Gathering, survey and study the requirement from stakeholder related with Import Export and Logistics

- Provide the study result
- Provide the Action Plan for the data Linkage between the other government agencies and stakeholder

Analysis and Design

- Analyze the study result
- Provide the Business Flow (Asis) and (To-be)
- Specify the Condition to verify the data

Implementation

- Hardware and Software set-up and installation
- Provide the XML
 Schema refer to the
 data exchange
 standard i.e. WCO,
 ISO and
 UN/EDIFACT
- Implement the system refer WCO Data Model by using the ebXML, XML for data exchange protocol

Testing

- Testing the network connection
- Testing the ebXML Gateway
- Testing the Backend system

Maintenance

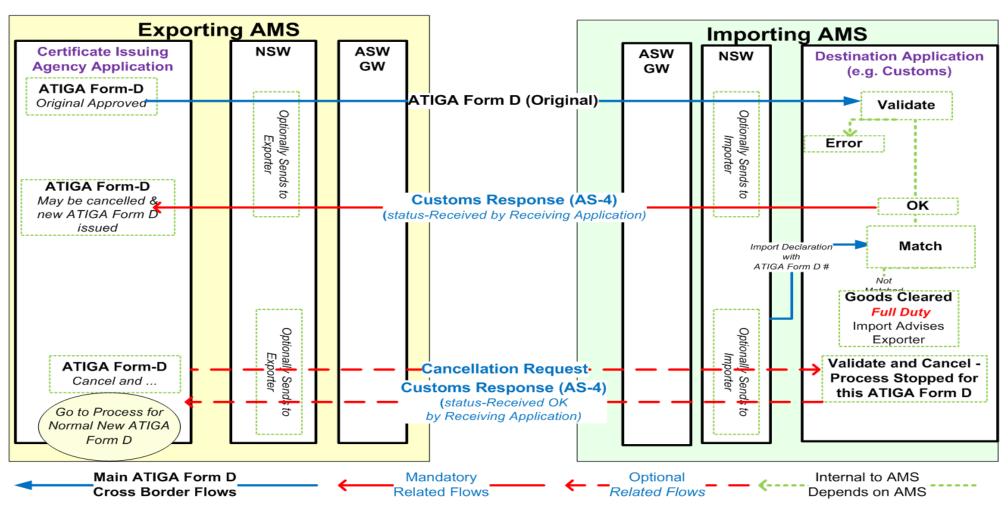
- Monitoring and evaluate the testing
- Maintenance and repair the Software and Hardware



End-to-End ATIGA Form D - Cancellation

End-to-End ATIGA Form D – Cancellation

(excluding AS-1,AS-2, AS-3 Technical Acknowledgements)



Previous and Current Problems / Challenges

MIG is incomplete data to support all processes of e Form D such as invoice country that e form D is the third country invoicing can be blank.

Each AMS uses the different technology such as using different technical Specification

ASEAN did not specify the international standard. It make each AMS have the discrepancy standard version

The delay or missing responses for the receipt of e Form D

The error of outgoing data has frequently found.

Lack of budget for the relevant agencies to develop the system



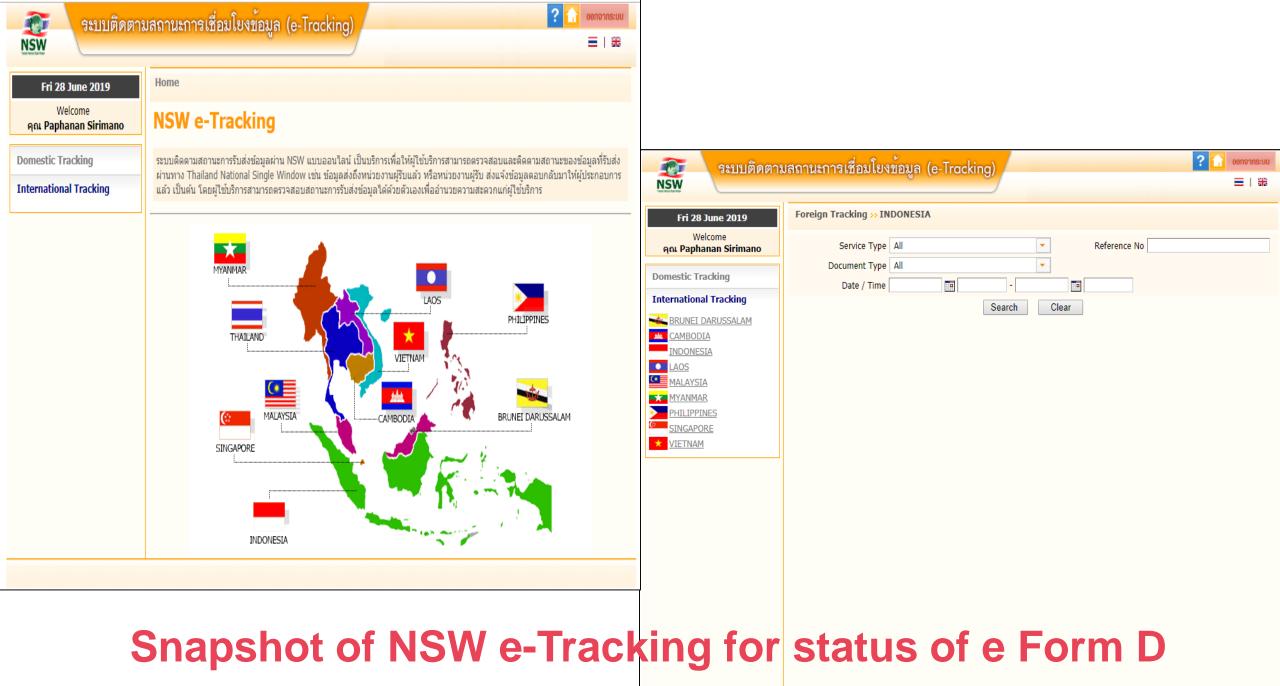
What's Going on ASEAN Single Window

Improving the quality of National Standard Data Set

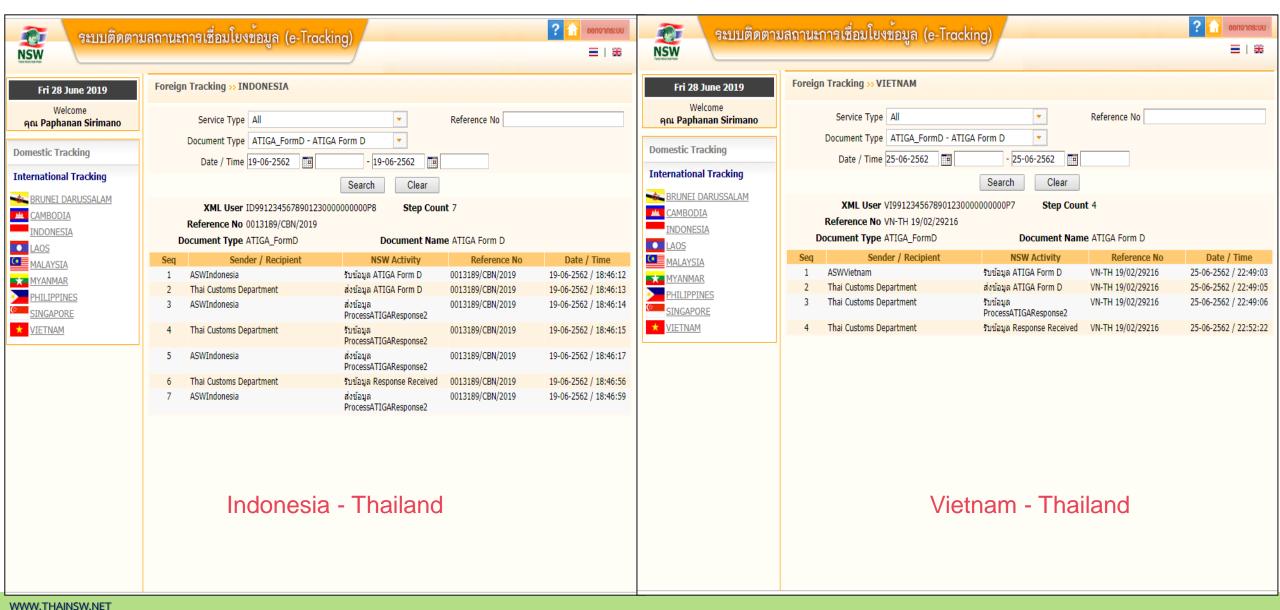
Increasing participation in single window environment

To have all 10 AMS join the live-operation for the exchange of the ATIGA e-Form D via the ASW To test the additional Documents i.e. ASEAN Customs Declaration Document (ACDD) and e-Phyto Cerificate via the ASW

Enhancing crossborder data linkage with other single window systems in other region such as ASEAN+3 by exchange of Certificate of Origin



Snapshot of NSW e-Tracking for ASW



if you need more information...

http://www.thainsw.net http://asw.asean.org



