

NATIONAL SINGLE WINDOW SYSTEM: ***ESTABLISHMENT, DEVELOPMENT & IMPLEMENTATION IN INDONESIA***

*Directorate General of Customs & Excise
As "Leading Agency" for Preparation of Implementation NSW
System in Indonesia*

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Single Window: NSW and ASW

Basic Principles from Different Perspectives



ASW Agreement and ASW Protocol

The ASEAN-Single Window (ASW) :

is the environment where National-SW of Member States operate & integrate

The National-Single Window (NSW) is a system which enables :

- a single submission of data and information
- a single and synchronized processing of data and information
- a single decision-making for Customs release and clearance

The WCO (World Customs Org.) Perspective

Single Window Concept (The WCO Perspective) *

is defined as a facility that allows parties 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

Single Window Environment ... (by WCO)

"a cross border, 'intelligent', facility that allows parties involved in trade and transport to lodge standardised information, mainly electronic, with a single entry point to fulfil all import, export & transit related regulatory requirements."

NSW System Blueprint in Indonesia

INSW is an integrated public service system, that provides facility for submission and process of electronic standard information, to resolve all process of activities in dealing with traffic of export, import, and transit goods, in order to increase national competitiveness

INSW is a national system that enables single submission of data and information, synchronized data and information process, integrated information, and harmonize business process flow among customs system, export/import licensing, port/airport, payments, transport and logistics, as well as other systems related to cross-border traffic of international trade

RATIONALE: *Why NSW is needed?*



External factor (International/regional commitments):

To fulfill government's commitments in regional economic cooperation framework (ASEAN) as well as in International environments

- The Declaration of ASEAN Concord II (Bali Concord II), Bali 7 October 2003
- ASEAN Agreement to Establish and Implement The Asean Single Window, 9 Dec 2005
- Asean Protocol to Establish and Implement The Asean Single Window, April 2006
- Declaration on the ASEAN Economic Community (AEC) Blueprint, 20 November 2007

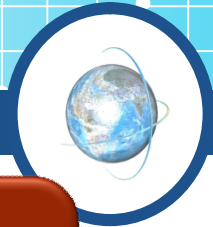
INTERNAL Factor (National interest) :

National demand to boost performance of various services export/import and resolve problems related to trade flow barriers

- Lead Time is still considered long and inefficient
- Trade Transaction cost is still high and causes high cost economy
- Validity dan accuracy or transaction data related to export-import activity is still regarded inadequate
- Control over export-import traffic, terrorism issues, trans-national crime, drug trafficking, illegal activity, IPR & consumer protection



Legal Basis and Establishment of NSW Preparation Team



Legal Basis:

- Presidential Decree No.10 Year 2008 : Use of Electronic System in NSW Framework
- Presidential Decree No. 54 Year 2002 ref. Presidential Decree No. 24 Year 2005 regarding Coordination Team for Facilitation of Export-import Flow
- President's Instruction No.3 Year 2006, President's Instruction No. 6 Year 2007 & President's Instruction No. 5 Year 2008 → Focus on Economic Programs
- Decree of Coordinating Minister of Economic Matters No. 22/M.Ekon/03/2006 ref. KEP-19/M.EKON/04/2008 concerning Establishment of NSW Preparation Team, Republic of Indonesia
- A number of Decrees of Finance Minister as the Head of NSW Preparation Team – Republic of Indonesia

Establishment of NSW Preparation Team Republic of Indonesia:

Supervisor : Coordinating Minister for Economic Matters
Chairman : Minister of Finance
Deputy Chair I : Minister of Trade
Deputy Chair II : Minister of Transport

Establishment of Operational Implementation Team:

Head of Steering Committee: Deputy Secretary of Cabinet
Head of Experts Group : Special Staff for Minister of Finance for Information Technology
Head of Ops Implementation Team : Deputy Coordinating Ministry of Economic Matters for Industry & Trade
Deputy Head I : Director General of Customs and Excise
Deputy Head II : Director General of Foreign Trade
Deputy Head III : Director General Maritime Transport

Vision, Mission & Strategy



Vision

- To establish a “*National Single Window*” environment in Indonesia, which is a single electronic service to facilitate the submission of standard information to fulfill all conditional requirements and regulations, as well as all other activities related to the efforts of expediting flow of export, import and transit, in order to increase level of national competitiveness in the global trade

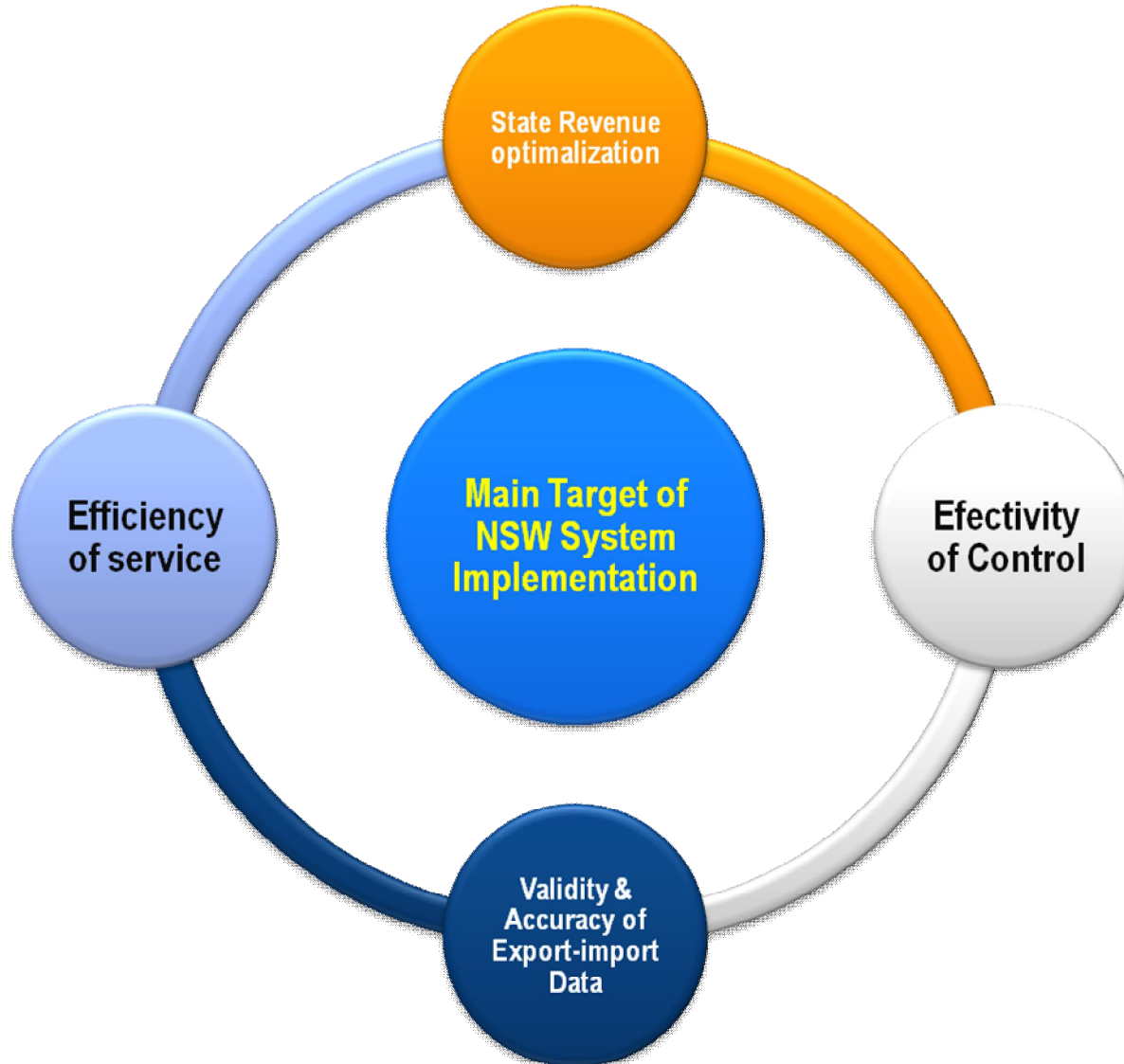
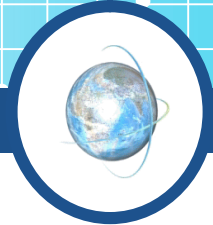
Mission

- The mission of development of NSW System in Indonesia is to actualize an integrated public service system to handle the flow of goods of cross-border international trade (export-import)

Strategy

- To achieve a collaborative system of all entity (government institutions, other institutions and private sectors) as part of the effort to speed up export-import clearance activities
- Collective commitment to coordinate in integrating and harmonizing business process among different entities, in order to improve level of performance and effectiveness of various services related to export-import activities.
- To finalize a complete legal framework, including other required legal instruments, in supporting the realization of NSW Vision in Indonesia.
- To increase capacity and integrity of human resources in order to encourage the application of Good Governance principles in the area of export-import

Main Goal of NSW System



Main Goals and Benefits



Main Goals

- ✓ To accelerate the speed of service related to export-import
- ✓ To minimize time and cost needed in conducting export-Import activities
- ✓ To improve validity and accuracy of data/information related to export-Import
- ✓ To build a control instrument for all services related to export-Import
- ✓ Good-Governance → to realize transparent, accountable, real-time public services from all institutions and apply the check & balance and data reconciliation approach

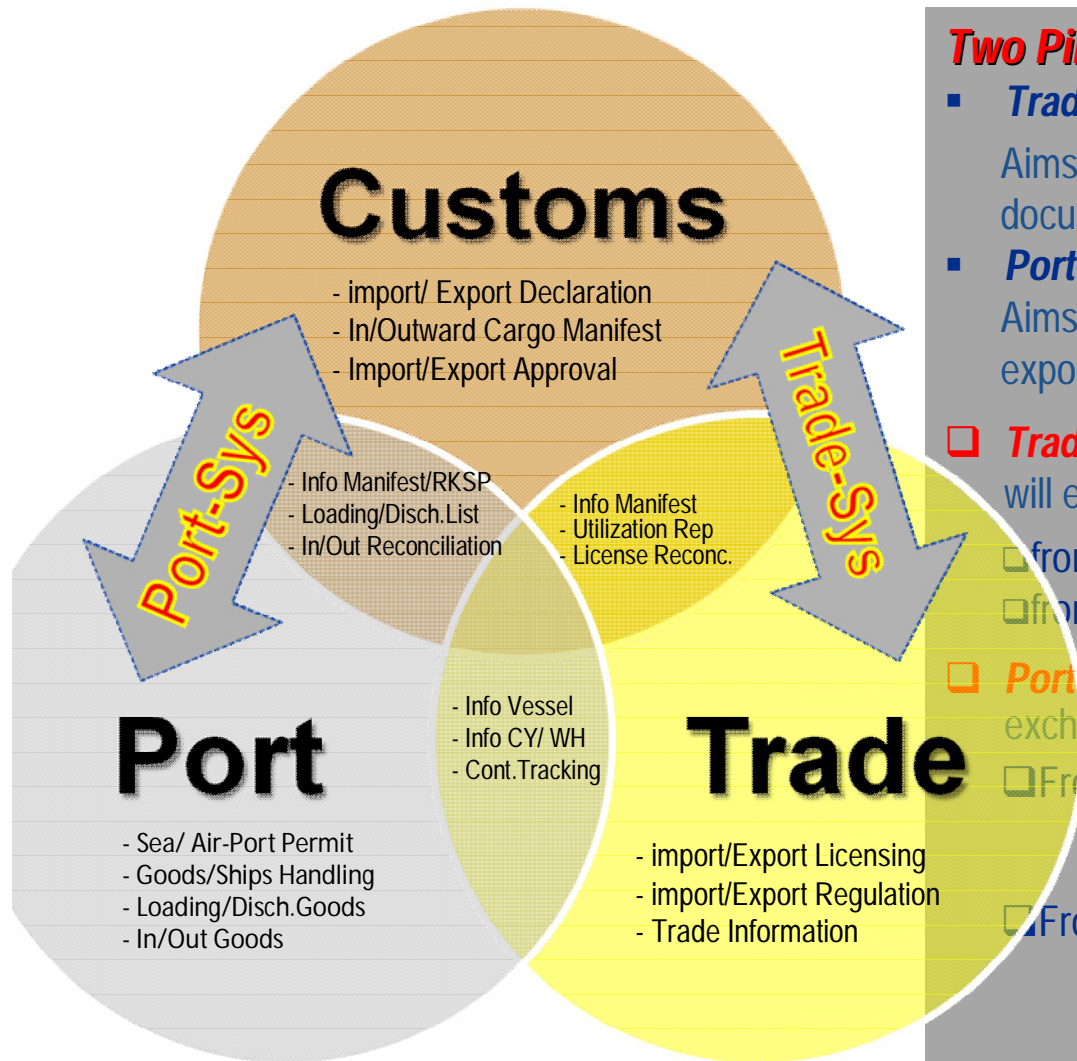
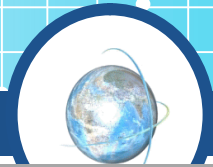
Benefits for Government

- To facilitate the accelerated flow of services in customs release and clearance of cargoes
- To provide a low cost, user friendly, convenient, secured and reliable service system
- To create a more reliable risk management system
- To improve validity and accuracy of data, to reduce level of data redundancy and duplication
- To facilitate law enforcement related to export import activities
- To increase protection on national interest against risk from export-import
- To optimize government revenue from international trade/export-import
- To support the application of Good Public Governance principles in export-Import services

Benefits for the Business Sector

- To give certainty in term of cost and time required for service related to export-import
- To increase the level of competitiveness of national products in the global market
- To expand market access and factors of production
- To increase effectiveness and efficiency in utilization and allocation of resources
- To boost growth and development of entrepreneurship
- To support the application of Good Corporate Governance principles in export-import clearance

NSW Component System



Two Pillars Policy: Trade-System & Port-System

Trade-System ("TradeNet") :

Aims to improve and speed up services in export-import documents clearance (*Flow of Document*)

Port-System ("PortNet") :

Aims to support the acceleration of cargo handling in export-import goods traffic (*Flow of Goods*)

Trade-System, as one of main pillars in NSW System will exchange data through NSW Portal:

- From Customs System :realization of Data import/Export
- From Trade System (GA) licensing export Import

Port System, as one of main pillars in NSW System will exchange data through NSW Portal:

- From Customs System :
 - Cargo Manifest (inward/outward)
 - Release Approval (SPPB/PE)
- From Port System (GA) :
 - Discharge List/Loading List
 - Gate in/Gate out List

NSW Entity System



NSW System → INSW Portal

System in all institutions

Traders

**NSW System
of other
countries**

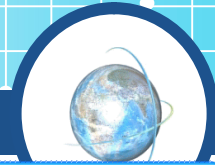
**Licensing
Authorities**

Customs

**SeaPort/
AirPort**

**Importer,
Exporter,
others**

**ASEAN,
Other
countries**



Single Service Vision :

Single Integrated Portal → INSW Portal

Architecture & Technical Needs

Data Element
Standardization

Simplification,
Harmonization
Synchronization
of Business
Process

**Gateway :
Common
National Portal
(Single Access)**

**Interface
(Inhouse
Connection -
GA System)**

**Automation
in In house -
GA System**

**Entire GA
comply with
the Standard
International**

**Defining SOP,
SLA &
Transformation
of Business
Process**

Basic Agreement In NSW System Development



Related to Authority & Main Task and Function of Government Agency

- ❑ Authority of GA in public service process → remain being conducted fully by GA in accordance to rules and the agreed Service-Level.
- ❑ Policy related to development, enhancement and implementation of NSW System based on Blueprint and/or Guidance determined by NSW Team.
- ❑ Change policy in internal GA (related to NSW) shall be coordinated with NSW Team and conform with the general policy in national level.
- ❑ To support NSW System, it is necessary to conduct adjustment and change of the policy in entire GA, and define the SOP and SLA

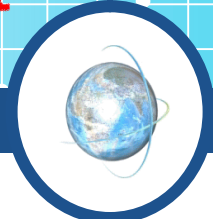
Related to technical aspect

- ❑ NSW Team establishes and prepares National Portal (Portal INSW) to be the access of single service for the operational of NSW System in Indonesia.
- ❑ NSW Team prepares Interface Application among Entity in Automated Workflow in INSW Portal
- ❑ Each Entity (GA) establishes and prepares in-house-system in accordance to policy and requirement determined by NSW Team.
- ❑ Standardization of Data Element which is used jointly conducted in order to develop NSW System → based on **“WCO Data Model” + Intern’l Standards**

Related to NSW System Implementation

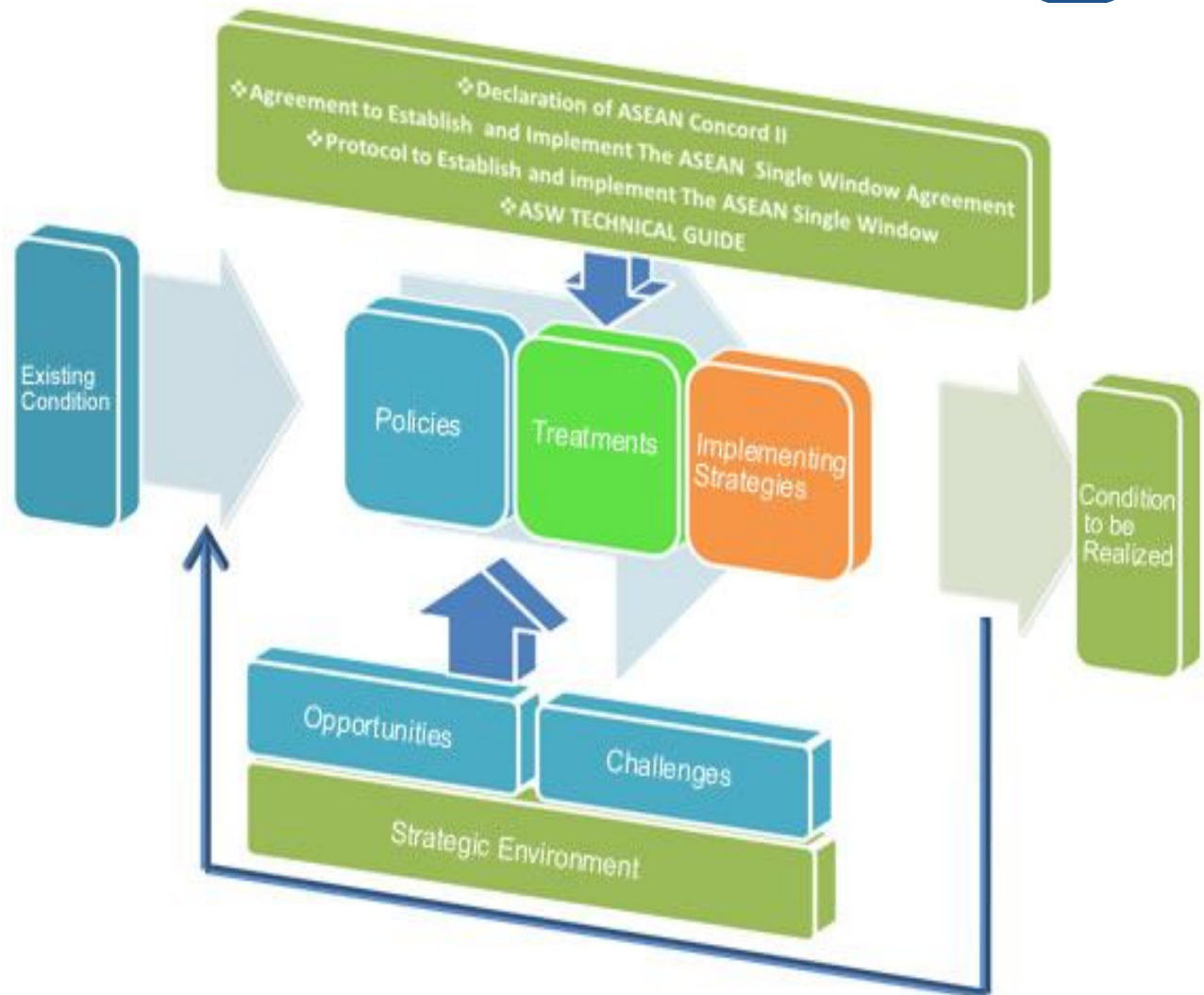
- ❑ Implementation of NSW System in Indonesia will be conducted in phases, in accordance with Schedule & Phases Strategy as determined in NSW Blueprint + other guidance.
- ❑ **Implementation Phases of NSW System based on Phases Strategy (as stated in NSW Blueprint) and being adjusted with the integrated schedule of ASW System.**
- ❑ GA without in-house system for public service, being provided with entry facility (data upload to INSW Portal) in accordance with the standard of NSW System.
- ❑ GA with in-house system, will conduct electronic interconnection with INSW Portal (web-service facility) for data integrated in INSW Portal.

Point of view related to Technical Policy and Development In Development, Enhancement and Implementation of NSW System

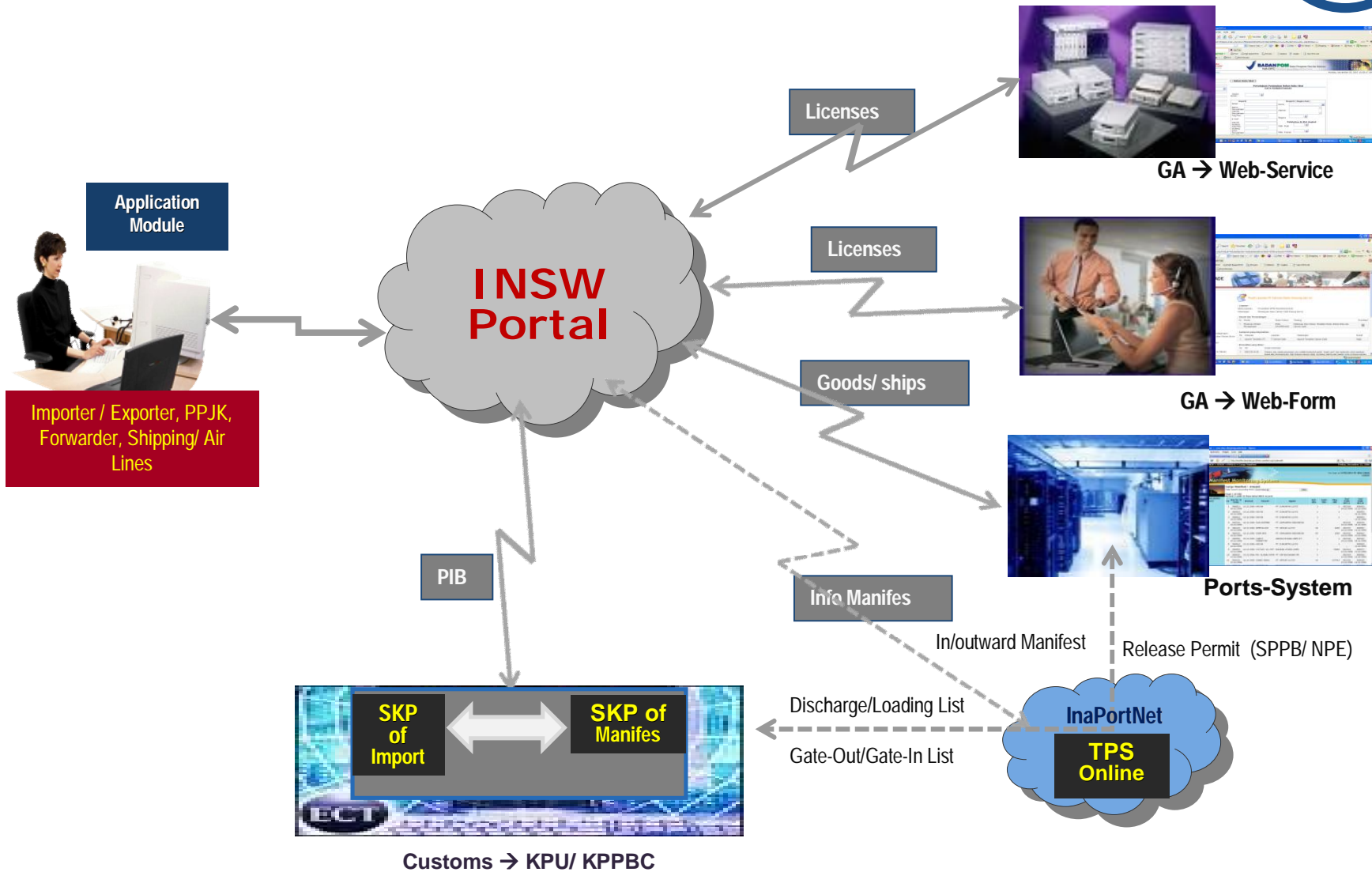


Technical Policy :

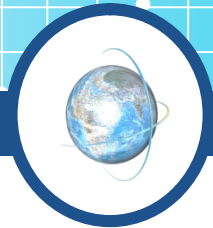
- ❑ Integrated systems and eliminate data redundancy
- ❑ Automate as many rules as possible
- ❑ Detailed design to allow accountable system
- ❑ Compliance to current law, regulation & rules
- ❑ Modularity of architecture to allow rapid changes of rules
- ❑ Cost effective solution for maintenance & operations



Customs-Clearance via Portal INSW (Flow of Process: Import)



NSW System in Indonesia



REFERENCE:

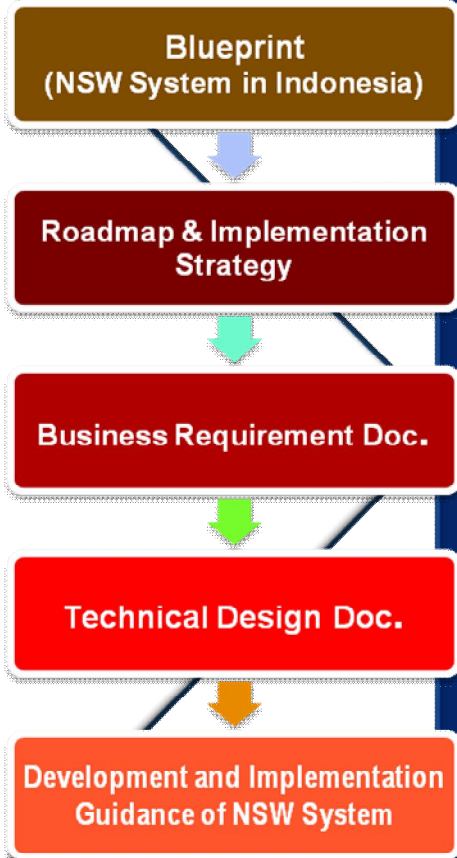
- ❑ Bali Concord II (2003)
- ❑ Declar.on the AEC Blueprint (2007)
- ❑ ASW Agreement (2005)
- ❑ ASW Protocol (2006)
- ❑ ASW Technical Guide,
- ❑ Recomm.No.33/34 (UN/CEFACT)
- ❑ Kyoto ICT Guidelines (WCO)
- ❑ WCO Data Set/Model, UNEDocs

❑ 48 Data Element SAID, A CID

- ❑ International Best Practices
- ❑ National/ Common Practices

International Standard :

- ❑ Concept.Model/Technical Design
- ❑ Data Elements (Data Set)
- ❑ Communication Protocol
- ❑ Development System
- ❑ Security



- System Design (Architecture, Topology, Interconnection Model, Integration, Inter-Operable)
- Development of Application System
- Test : Application System
- Prototype System
- Trial of Application System
- Pilot-run (real-data)
- Evaluation+ review
- Paralel-run impl.
- Evaluation+ Mandatory Preparation
- Mandatory implementation

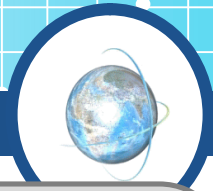
Implementation Stages of NSW System in Indonesia:

- ❑ Early Trial
- ❑ First Stage Implementation
- ❑ Second Stage Implementation
- ❑ Third Stage Implementation
- ❑ Fourth Stage Implementation
- ❑ National Stage Implementation
- ❑ Prototype trial of ASW Portal
- ❑ Joint to ASW

Stages Determination:

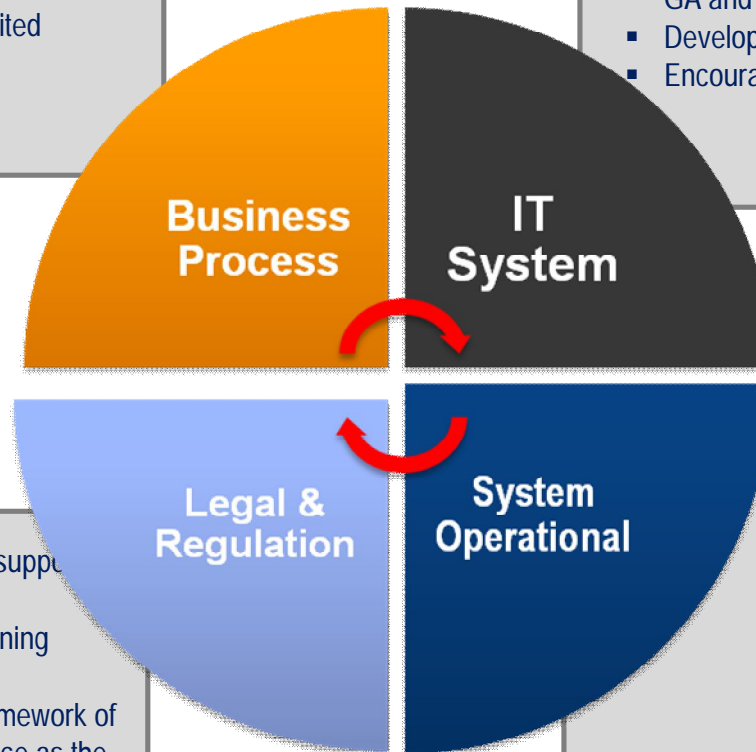
- Decree Minister of Finance of Republic Indonesia (as the Chairman of Team)
- Presidential Regulation/Presidential Instruction

Conducted Efforts in Development of NSW System



- Simplification, Harmonization & Synchronization of Business Process in entire GA
- Defining the Standar Operating Procedure (SOP) & Service Level Agreement (SLA)
- Determining National Database for Prohibited Commodity-Limitation
- Compilation all of rules / regulations

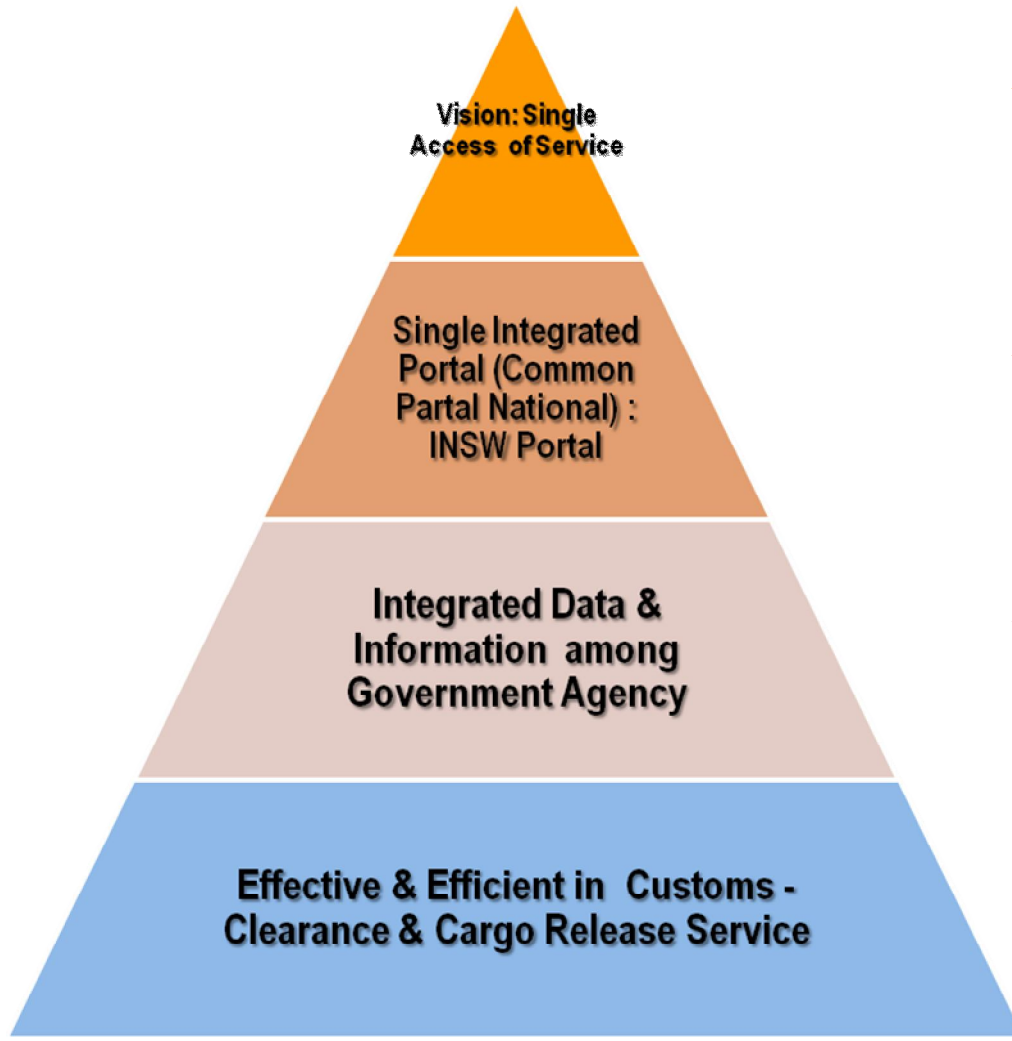
- Data Element Standardization in accordance with International Standard → WCO Data Model, UN-e-docs
- Providing Interface for interconnection system among GA and to INSW Portal
- Development and Enhancement of INSW Portal
- Encouraging Automated System in entire GA



- Determining legal product in entire GA to support NSW operation.
- Stipulating Presidential Regulation concerning Electronic System in INSW Framework
- Stipulating regulation for the operation framework of INSW Portal (Regulation Minister of Finance as the chairman of NSW Team)
- Preparing Presidential Decree concerning Management Institution of INSW Portal

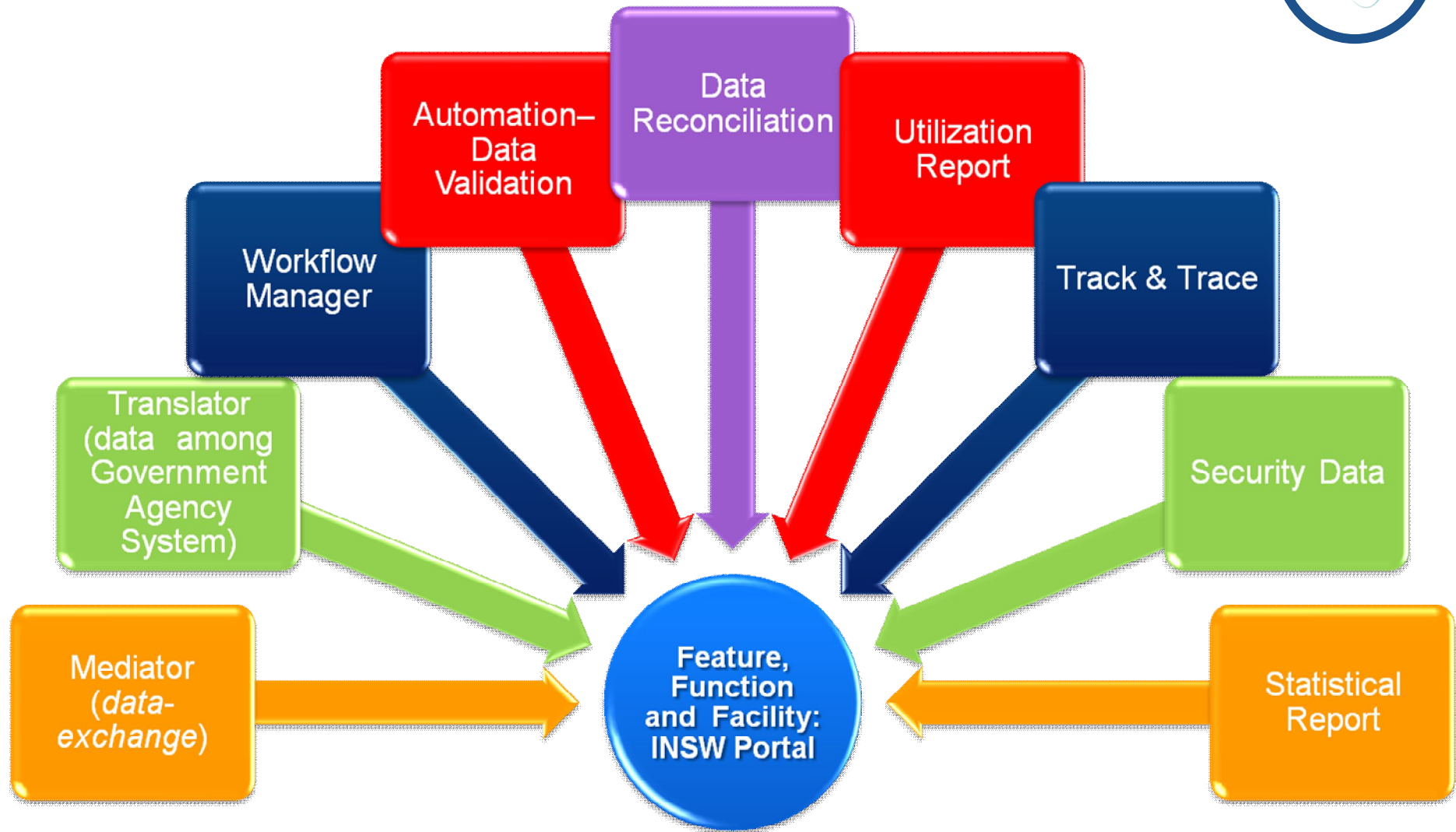
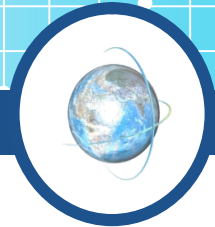
- Defining Institution & management model of INSW Portal.
- Defining management system of operational INSW Portal
- Preparing operational technical support of INSW Portal
- Preparing Help Desk & complaint management of NSW operational

Requirement to Achieve Target



- Operational Sustainability of INSW Portal Service
- Availability and reliability upon network infrastructure and other supporting utilities
- Across Interconnection of application system (Web-services) to facilitate integration of data and information
- Automation of custom process , Export-import license, port, airport and other process in NSW (payment, transportation, logistic etc)

Feature, Function & Facility : INSW Portal



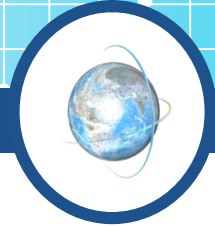
DEVELOPMENT OF NSW :

Implementation Stages of NSW System in Indonesia



Early Trial Stage	First Stage Implementation	Second Stage Implementation	Third Stage Implementation	Fourth Stage Implementation	National Stage Implementation (Imp)	National Stage Implementation (Ex-Im)
2 GA	5 GA	8 GA	18 GA Import Licensing	- 18GA Import License - 2 GA Export License	- 18 GA Import License - 2 GA Export License	- 18 GA Import License - All GA Export License
10 Imp.MITA Prior.	100 Imp.MITA Prior	100 Imp.MITA Prior 146 MITA Non-Prior	- All Importer -Certain Customs Brokers	- All Importer -All Customs Brokers	- All Importir -All Customs Brokers - Certain Exporter	-All Importir -All Customs Brokers -All Exporter
Tg.Priok	Tg.Priok	Tg.Priok, Tg.Emas	5 Main Ports	- 5 Main Port (Imp) - Tg.Perak (Exp)	- 5 Main Port (Imp) - Tg.Perak (Exp)	- 5 Main Port (Imp) - 5 Main Port (Exp)
NSW-Imp (Trial)	NSW-Imp (Limited)	NSW-Import (mandatory)	NSW-Import (mandatory)	NSW-Imp (mand.) NSW-Exp (trial)	NSW-Imp (mand.) NSW-Exp (mand.) NSW-Port (mand.)	NSW-Imp (mand.) NSW-Exp (mand.) NSW-Port (mand.)

Other Information



- Any inquiries regarding Indonesia NSW, especially relate with “technical matters” please contact:

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Thank You

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