



The Implementation of Indonesia National Single Window: Embracing Digital Future



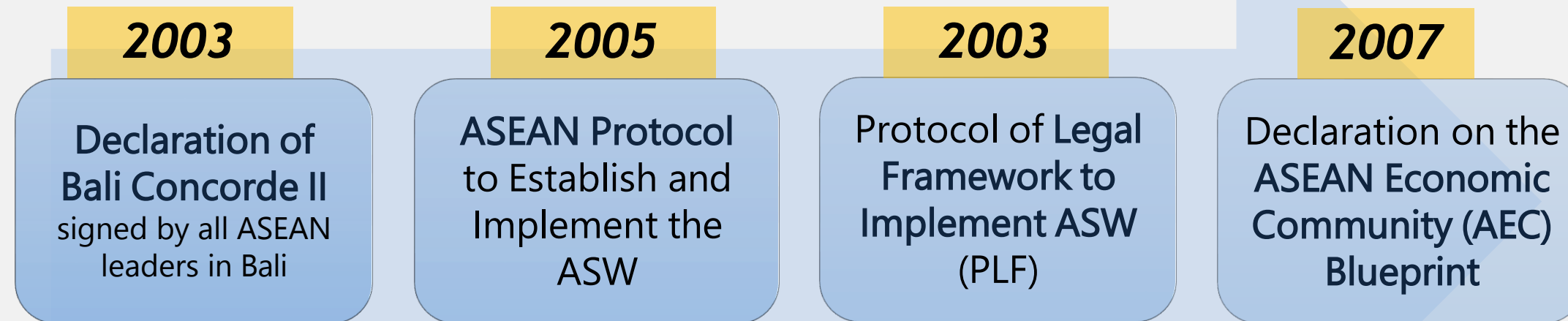
INDONESIA NATIONAL SINGLE WINDOW AGENCY

Asia-Pacific Trade Facilitation Conference 2025
Integrating Technologies for Sustainable Trade Facilitation



HISTORICAL BACKGROUND

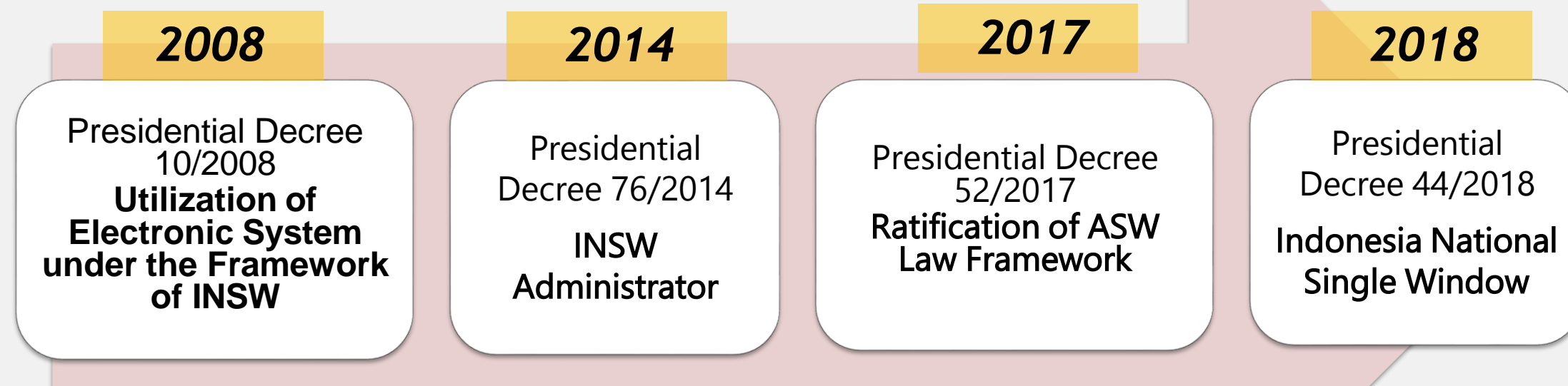
EXTERNAL : ASEAN Single Window



Strong Government's commitment in **Regional (ASEAN) and International economic cooperation**

INTERNAL : National Single Window

National Interest to enhance the performance of export, import, and logistic services





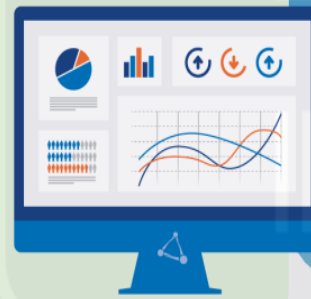
THE CONCEPT

More than 18 Government Agencies have been integrated to INSW for Export and Import Activities

TRADENET

Government Agencies in Indonesia

INSW provides **Executive Information System** to monitor export and import activities



Support for Strategic Decision Making

PORTNET

Finance & Insurance

INAPORTNET

Traders

Container Yards

Trucking Platform

Others Logistic Platform

TO Platform

Shipping Platform

Electronic Data Exchanges

National Single Window of other Countries (International Trade)

ASEAN Single Window (ASEAN Trade)

INDONESIA NATIONAL SINGLE WINDOW (INSW)

SYSTEM OF INDONESIA NATIONAL SINGLE WINDOW (SINSW)





STEERING COMMITTEE OF INSW

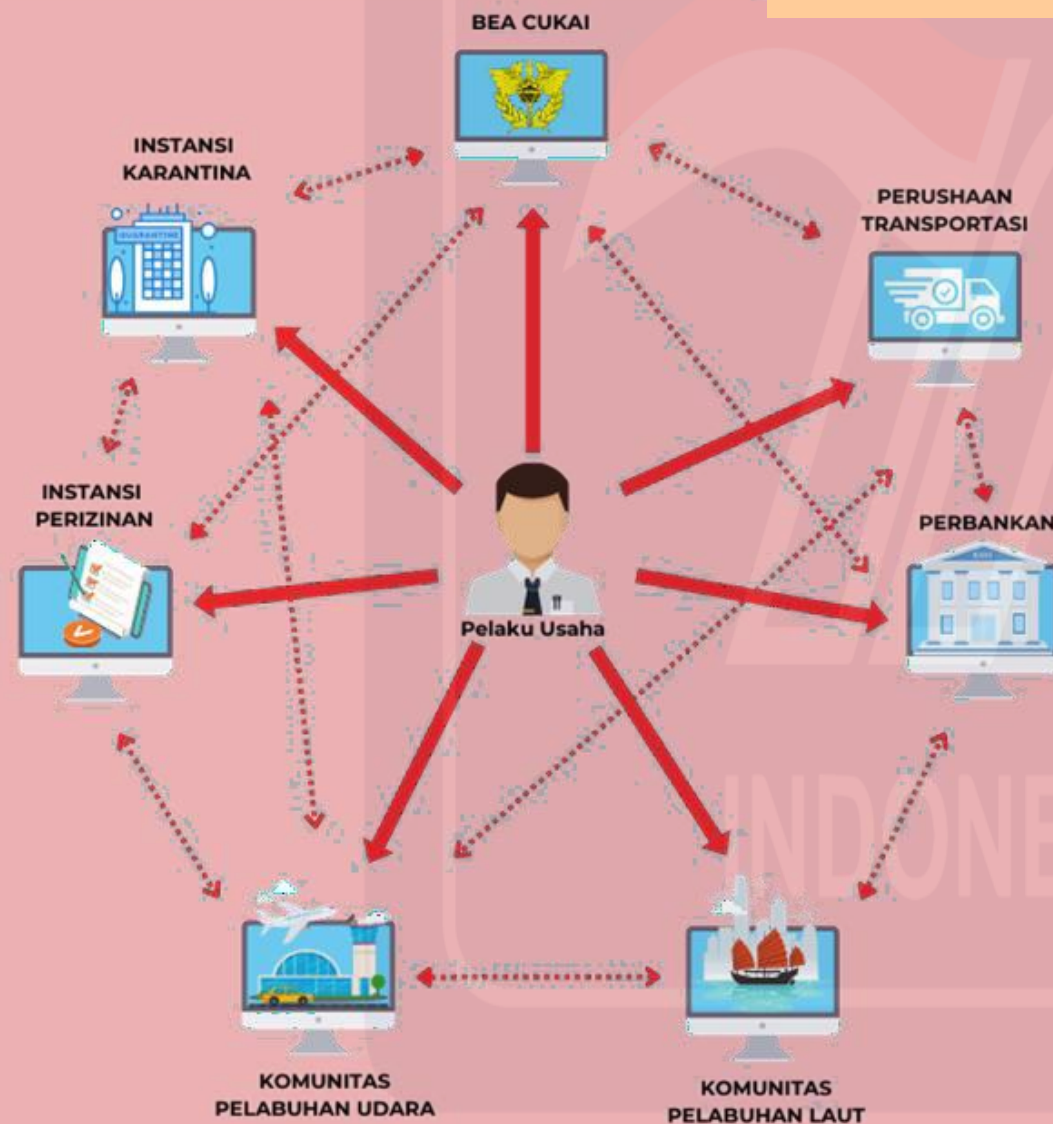




BUSINESS PROCESS HARMONIZATION

BEFORE

- Manual
- Silo
- Redundance



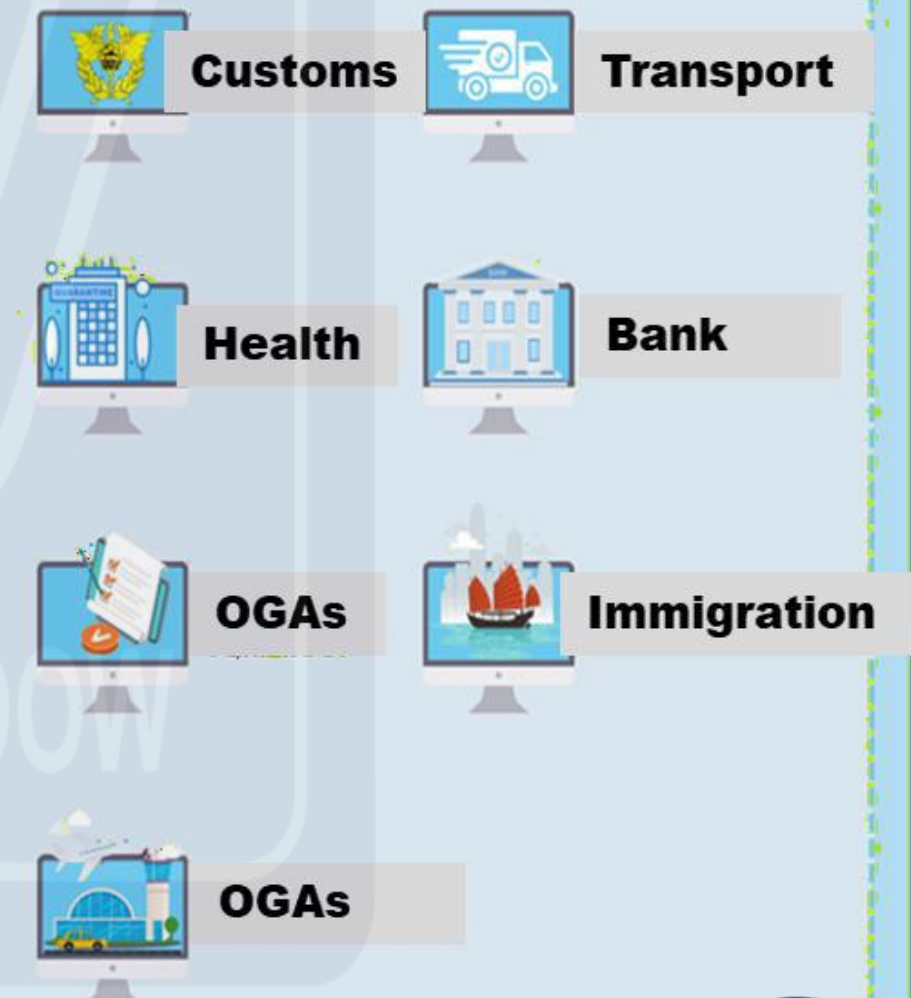
"Business owners needs *simple and integrated interaction* with government"



COMPANY

AFTER

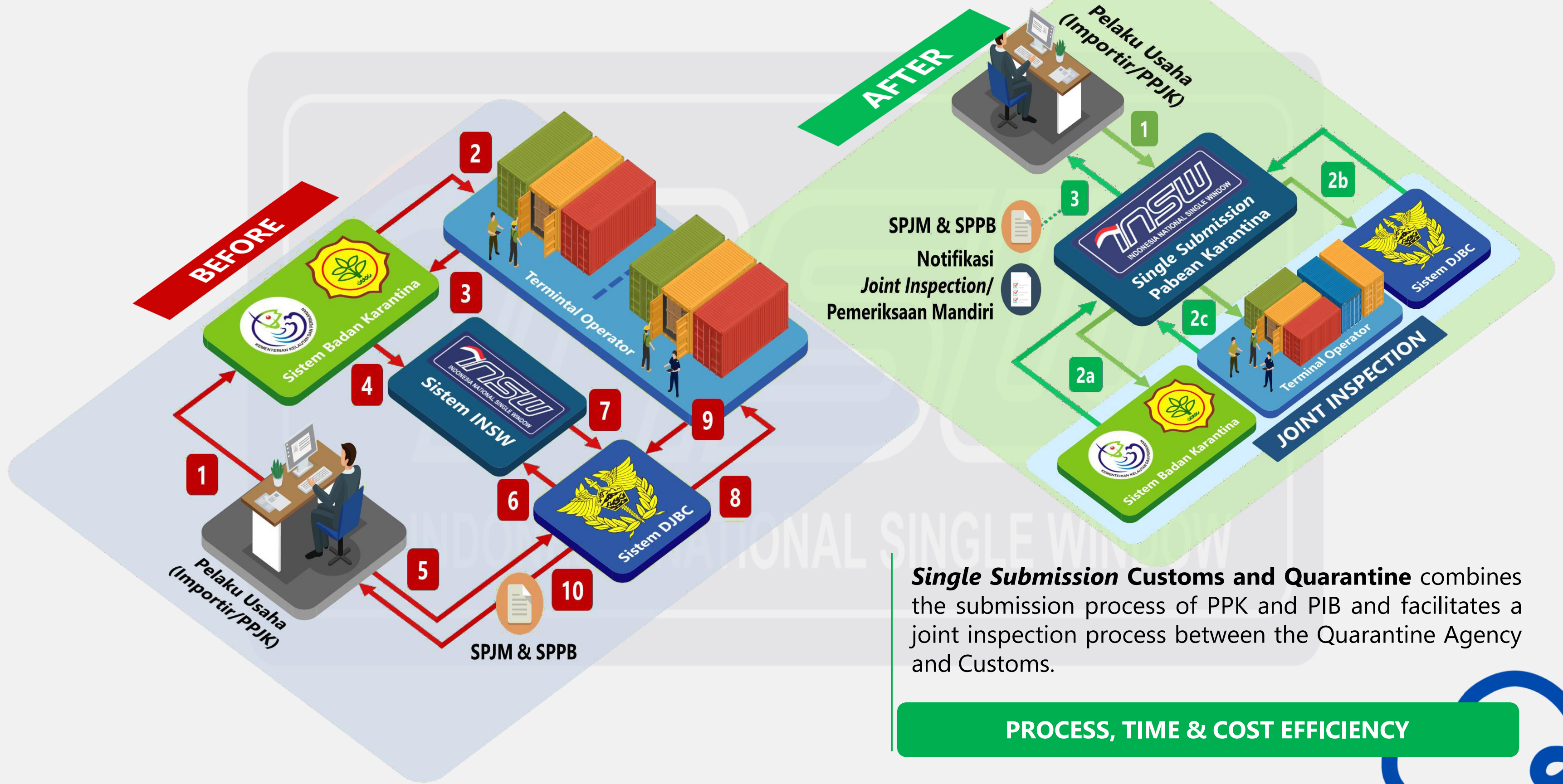
- Electronic / Paperless
- Integrated / Collaboration
- *Single source of truth*



SINGLE SUBMISSION (SSm)

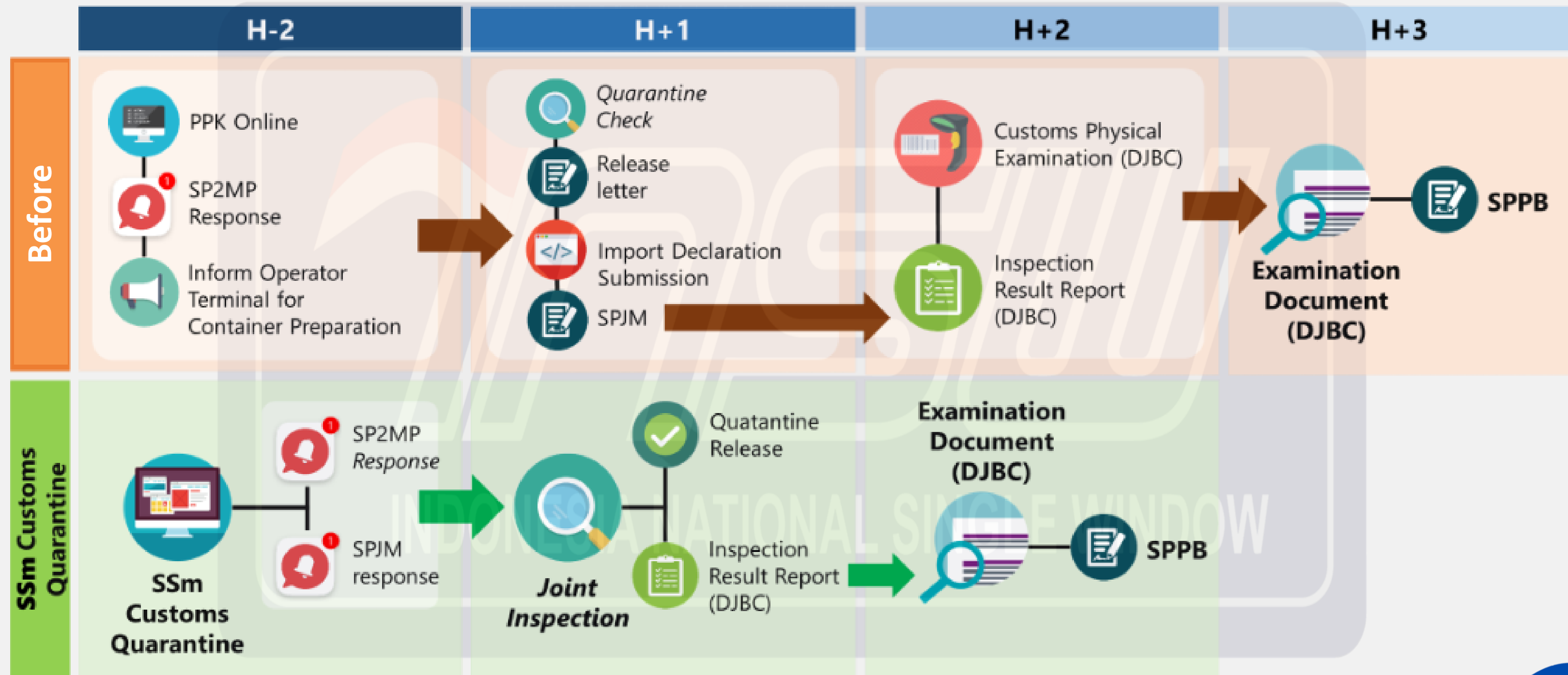


SSm - Customs & Quarantine





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INTERNATIONAL DATA EXCHANGE SCHEME



Needs to consider **WHAT** and **HOW** to exchange

Exchange of ASEAN e-CO

- ❑ e-CO submissions in ASEAN has reached more than 1 million
- ❑ Compared to hard-copy documents, in 2022 the use of e-Form D could save **6 million business operation days** and **\$150 million operating cost**

Source: ASEAN, 2023





WHAT TO EXCHANGE

MESSAGE IMPLEMENTATION GUIDE

- Data Standardization
- Data Validation and Mapping

HOW TO EXCHANGE

BUSINESS PROCESS SPECIFICATION

- Technology
- Transmission and Acknowledgment
- Connection and Data Security
- Error Handling
- Logging and Auditing



Mapping needs

PRE ARRIVAL

1. Business license number
2. Import licensing
3. Fiscal facility
4. Indonesia National Trade Repository (INTR)
5. Single Risk Management
6. Finding regulation
7. Etc

PRE CARGO CLEARANCE

1. Carrier
2. Cargo Manifest
3. Billing system
4. Certificate of Origin
5. SPS certificate
6. Halal Certificate
7. Etc

CARGO CLEARANCE

1. Import Declaration
2. Manifest
3. Import Licensing
4. Fiscal Facility
5. Certificate of Origin
6. Quarantine
7. Special Economic Zones
8. Etc

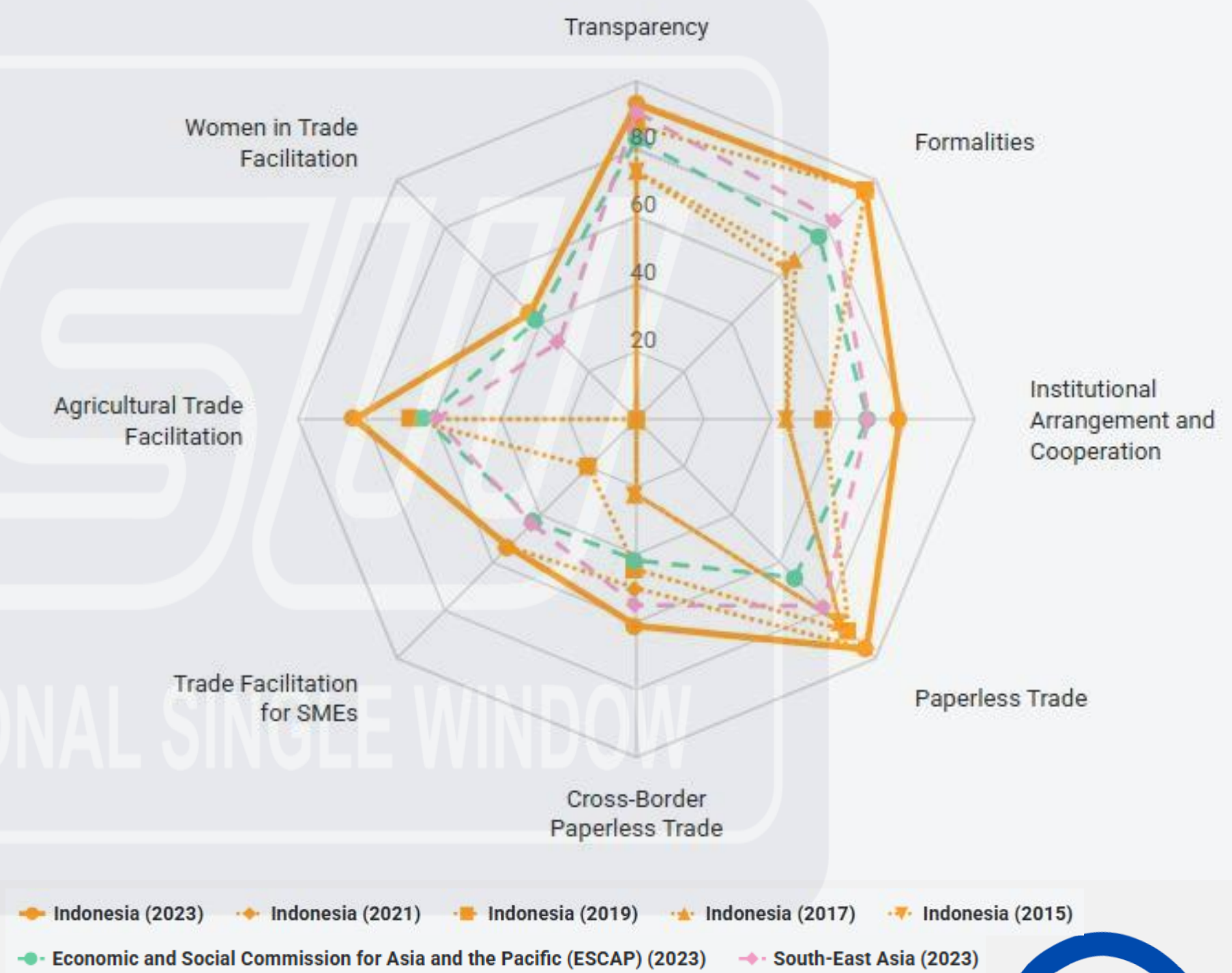
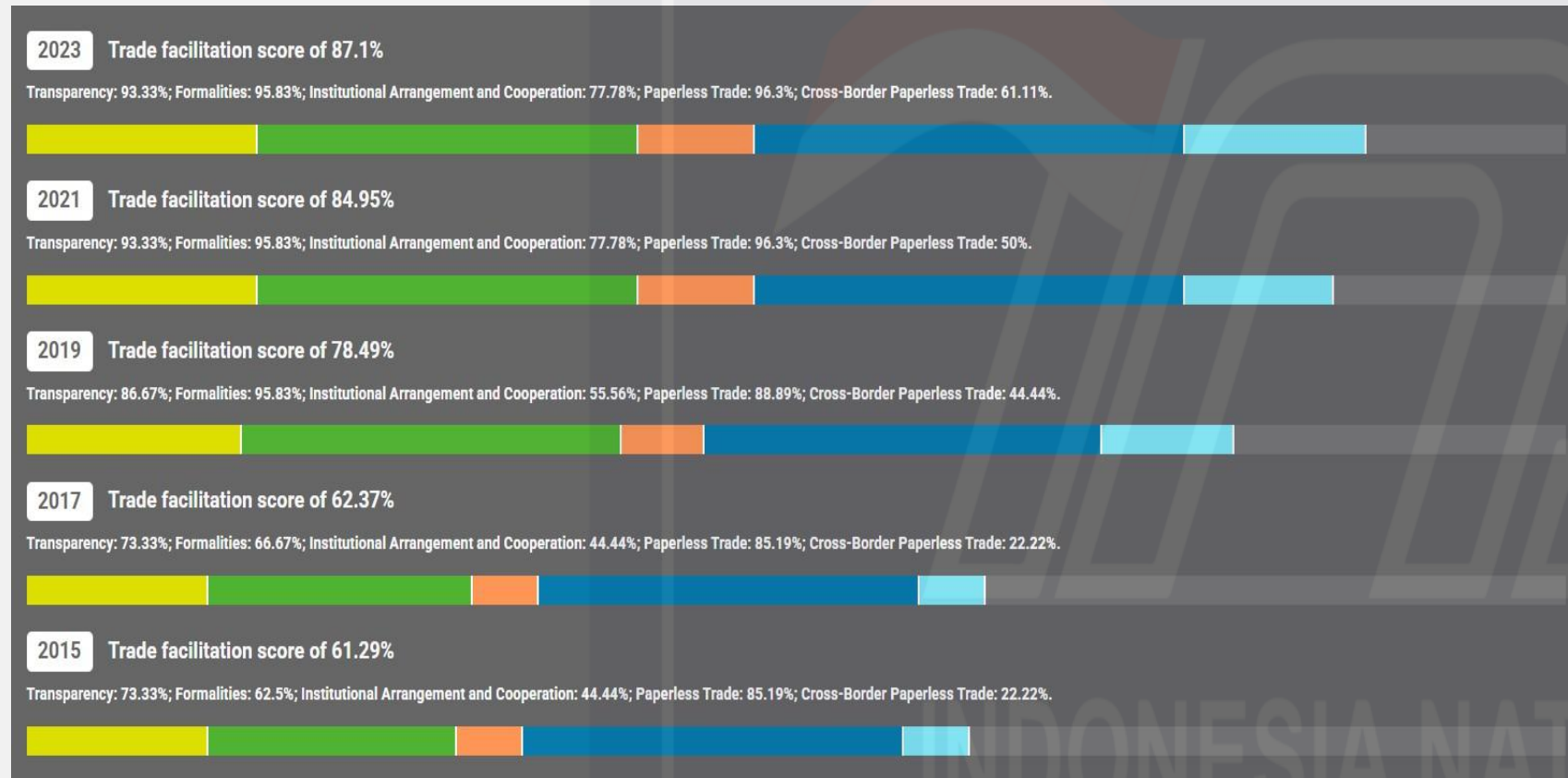
POSTCUSTOMS CLEARANCE

1. Delivery Order
2. Container delivery
3. Carrier
4. Post Border
5. Trucking
6. Tax Agency
7. Etc.





INDONESIA: Trade Facilitation & Paperless Trade



Source: UN Global Survey, 2023

NEXT STEP

01. Expanding inclusivity and the role of National Single Window

02. Identifying potential agencies to be integrated

03. Establishing Business Continuity Plan

04. Promoting interoperability with other countries



Please share your thoughts

Thank you
very much!



Contact us:

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