



BOOT UP DIGITAL TRANSPORT 2021

INTELLIGENT LOGISTICS

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THAILAND 4.0

20 YEARS THAILAND Digital Landscape

1 Year 6 Months

Digital foundation

Investing & building digital foundation

5 Years

Digital Thailand I

Ensure that everyone can reap the benefit of digital technology

10 Years

Digital Thailand II

Full Transformation Driving Country with Digital technology and Innovation

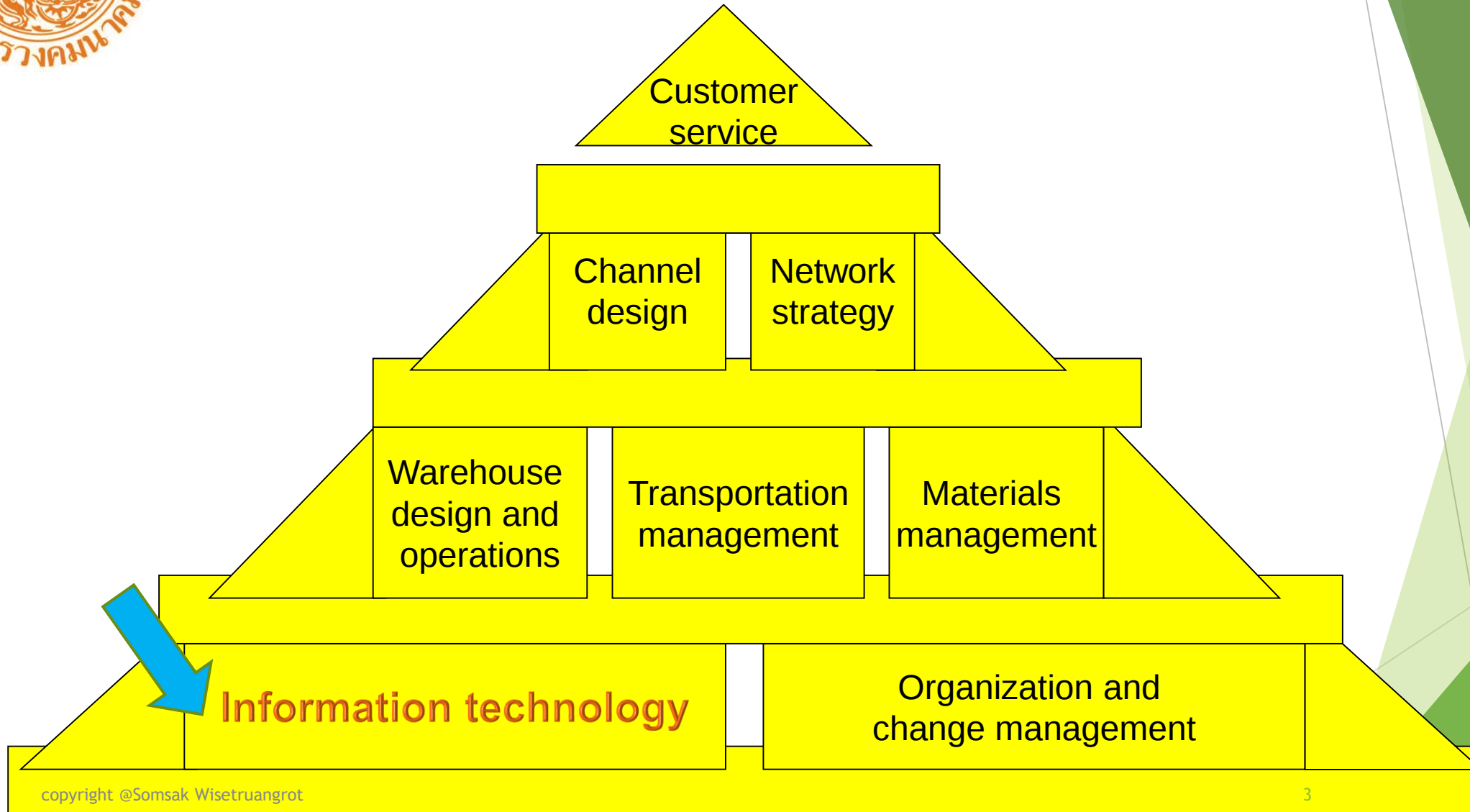
10 - 20 Years

Global digital leadership

Become a developed country that provides digital-technology products and services to the worldwide market

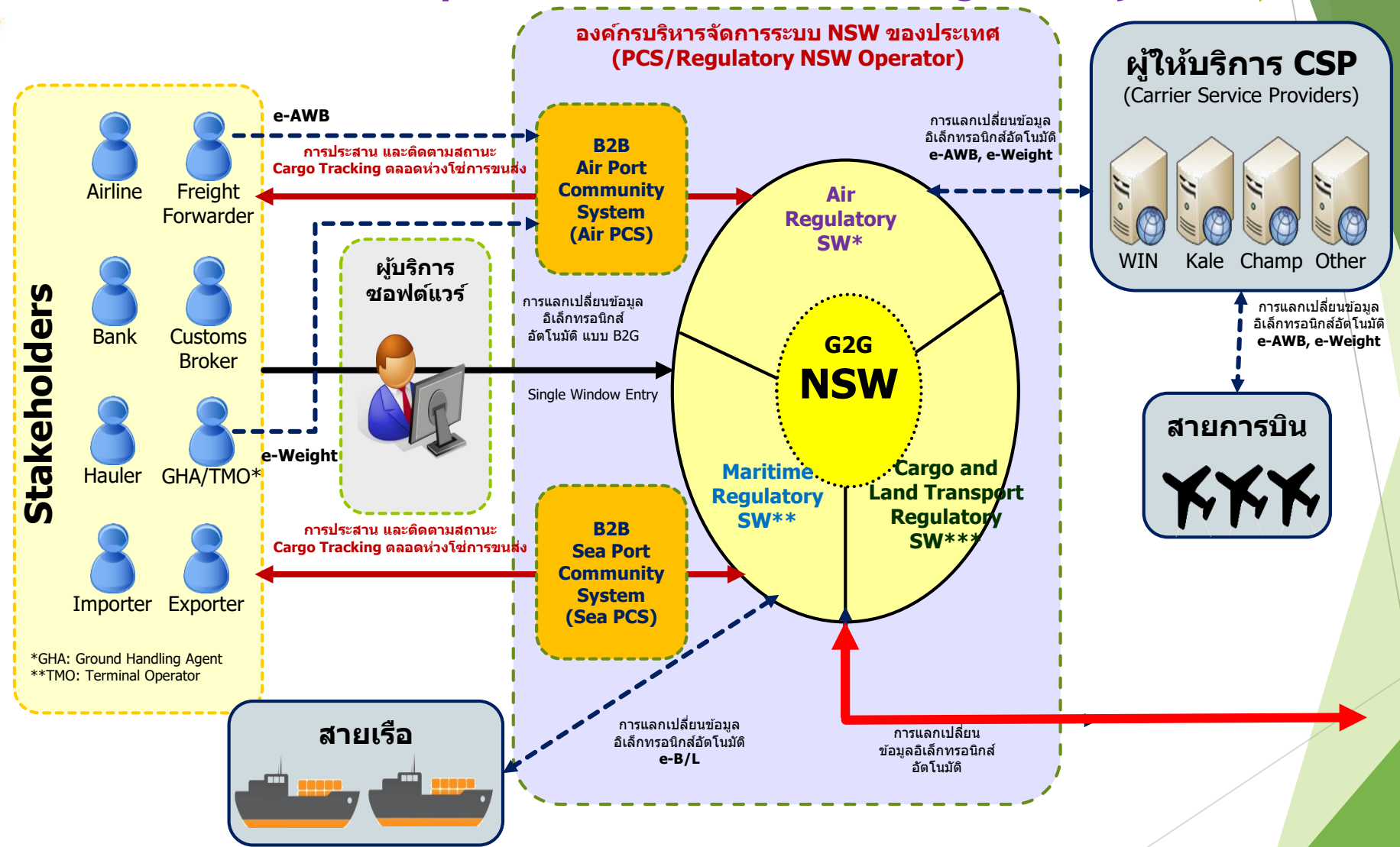


Logistics Strategy Integration





ภาพของระบบ e-Trade Facilitation ประเทศไทย ที่จะพัฒนาขึ้นอนาคต (รวมทั้งส่วนของ e-Transport Facilitation และ Regulatory NSW)



Customs Department	Board of Investment
Department of Foreign Trade	Defense Industrial Department
Department of Industrial Works	Industrial Estate Authority of Thailand
Excise Department	Department of Mineral Fuels
Department of Livestock Development	Department of Fisheries
Food and Drug Administration	Office of the Cane and Sugar Board
National Bureau of Agricultural Commodity and Food Standards	Department of Land Transport
Department of Agriculture	Department of national Park, Wildlife and Plant Conservation
Department of Energy Business	Department of Medical Sciences
Department of Primary Industries and Mines	Thailand Transport Portal
Office of Atoms for Peace	Marine Department
Department of Civil Aviation	Airport of Thailand
Port Authority of Thailand	Department Provincial Administration
Thai Chamber of Commerce and Board of Trade of Thailand	Department of Internal Trade
Royal Forest Department	Thai Industrial Standards Institute
Office of the Rubber Replanting Aid Fund	Department of Mineral Resource
Electrical and Electronics Institute	National Broadcasting and Telecommunications Commission
Department of Business Development	Fine Arts Department

PARADIGM SHIFT



Problem in Logistics and Supply Chain Technologies

PUBLIC SECTOR PROBLEM

- ▶ READINESS OF EACH AUTHORITY IN TECHNOLOGY
- ▶ INDIVIDUALLY DEVELOPMENT
- ▶ NON HARMONISATION
- ▶ NO CENTRALIZATION UNIT

PRIVATE SECTOR PROBLEM

- ▶ DUPLICATED DATA KEY IN
- ▶ NO REAL TIME COMMUNICATION
- ▶ UNABLE TO EFFICIENTLY CONTROL DUE TO LACK OF REAL INFORMATION IN SUPPLY CHAIN MANAGEMENT

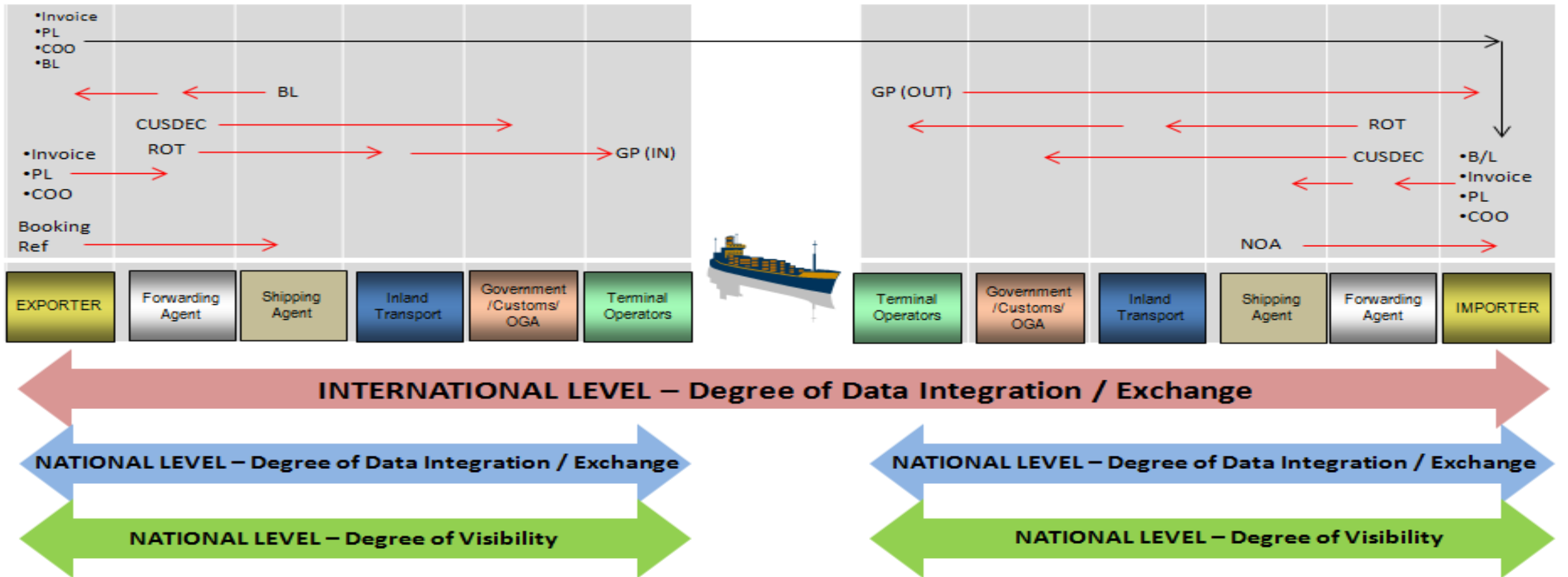


WHAT IF..... WE HAVE

- ▶ TECHNOLOGY THAT EVERYONE CAN USE
- ▶ LOW COST
- ▶ NO INVESTMENT
- ▶ REAL TIME RECEIVABLE DATA
- ▶ ACCESSIBLE TO EVERY STAKEHOLDERS IN THAILAND
- ▶ GLOBAL TRADE AT YOUR FINGERTIPS, ANYTIME, ANYWHERE
- ▶ DATA REUSABILITY
- ▶ SIMPLIFY TRADING PROCESS
- ▶ TRACK AND TRACEABILITY
- ▶ INTEGRATION TO EXTERNAL SYSTEMS

LOOK LIKE A DREAM!!!

Principles of 1Trade

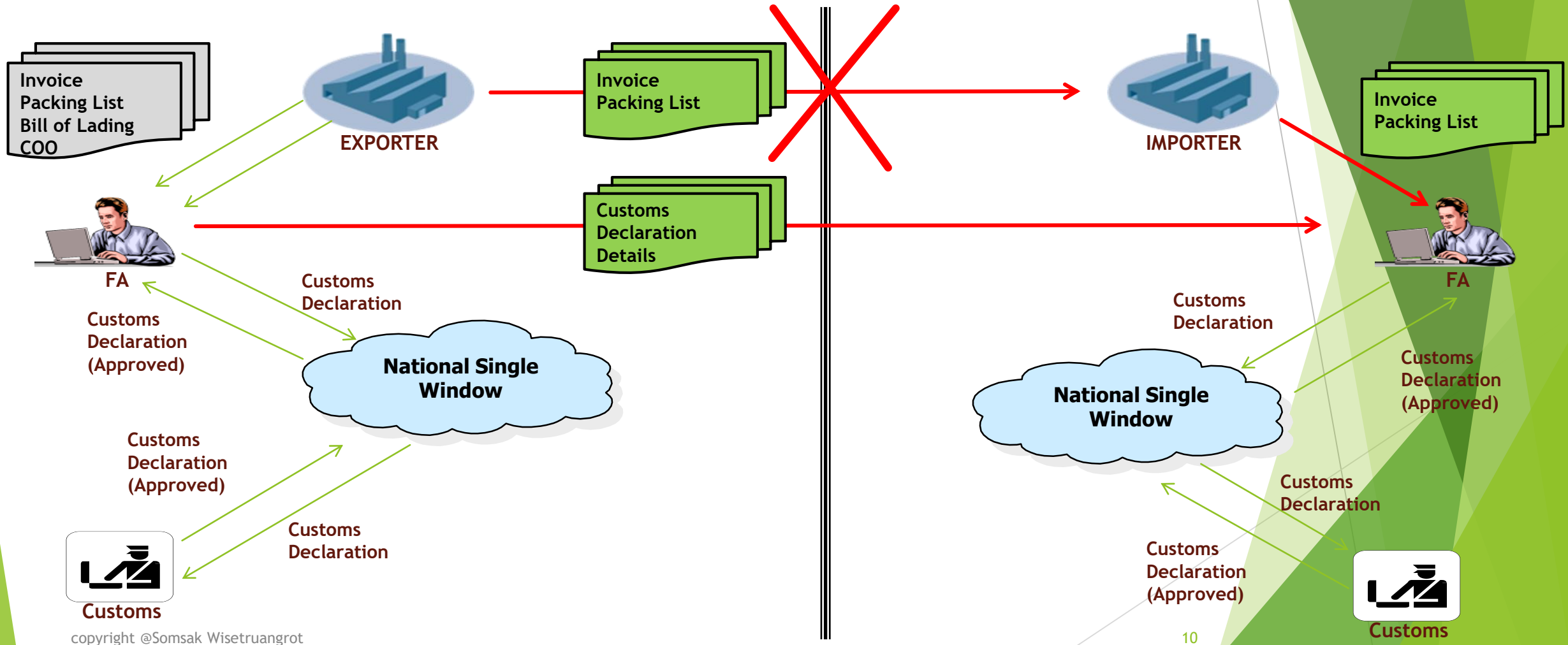


Promote data exchange within the community

Provide integrated end-to-end visibility within the community

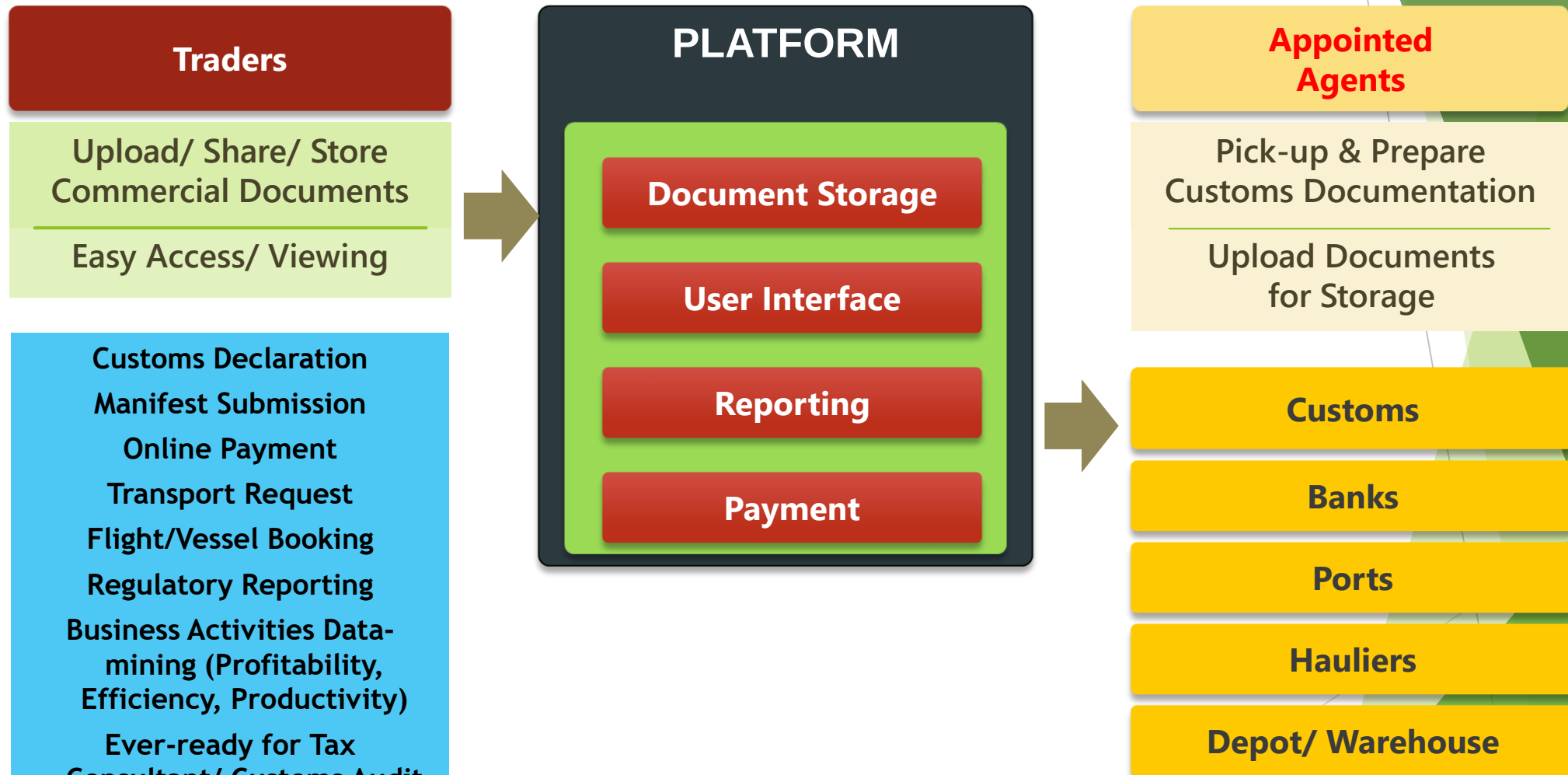


INTERNATIONAL DATA EXCHANGE



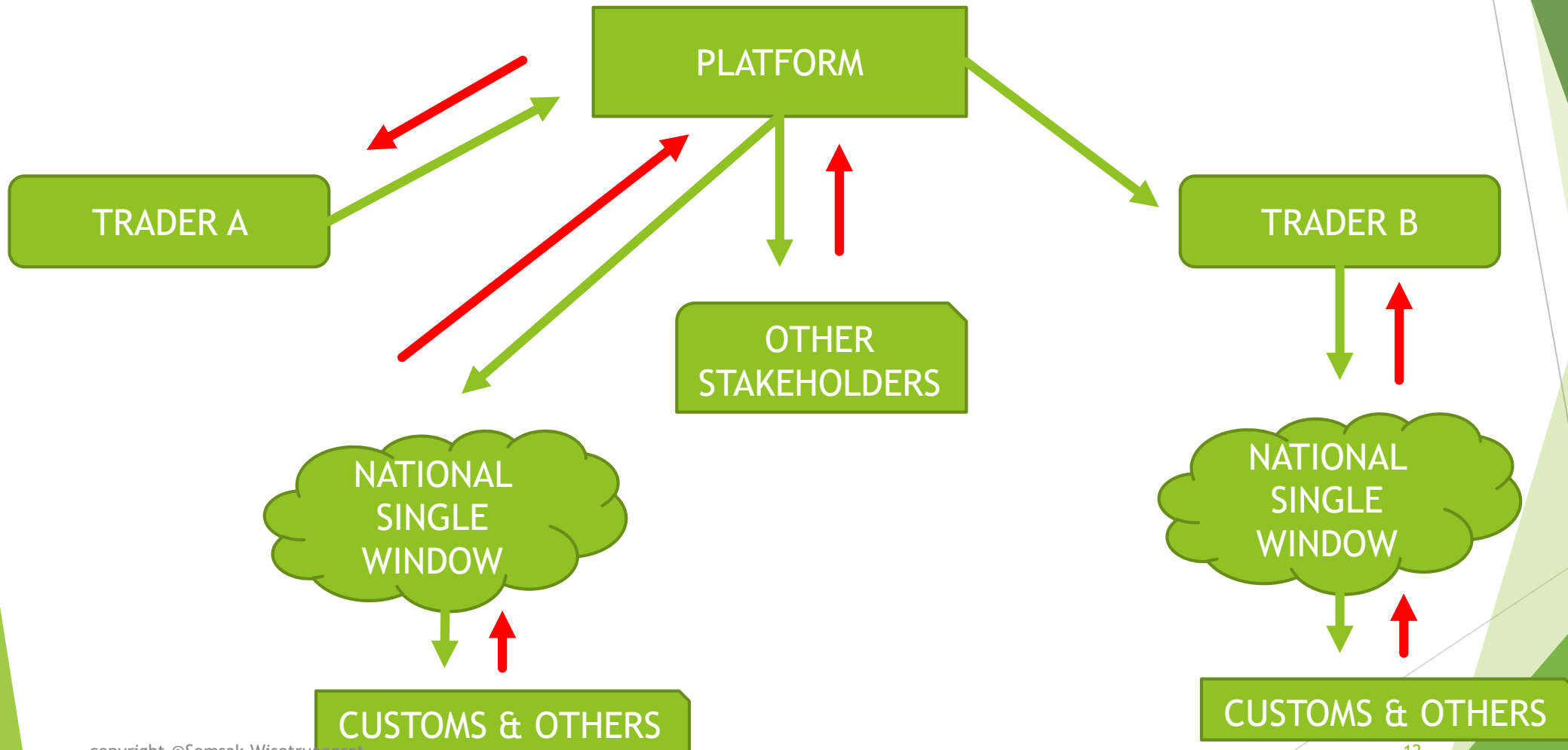


ONE SINGLE PLATFORM FOR ALL





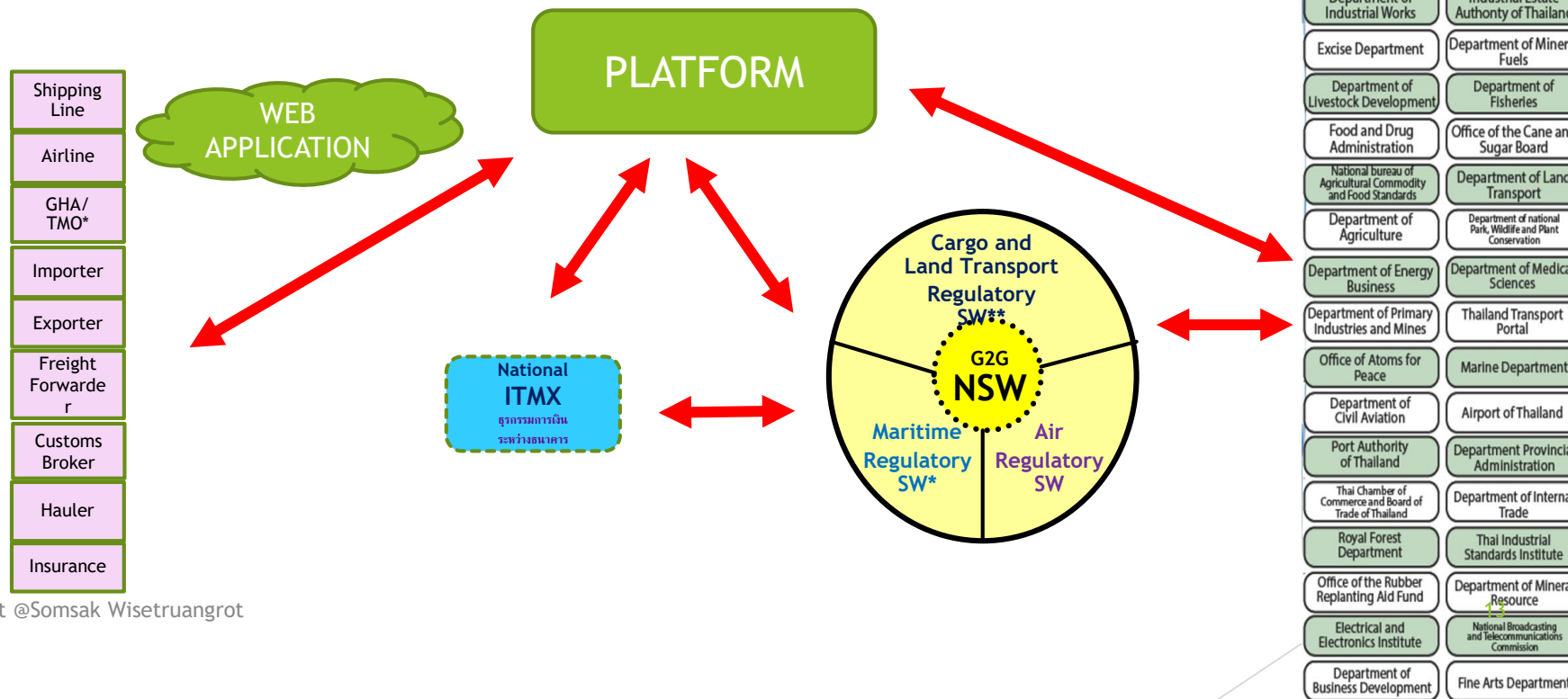
HOW DOES IT WORK





CONCEPT OF SINGLE PLATFORM

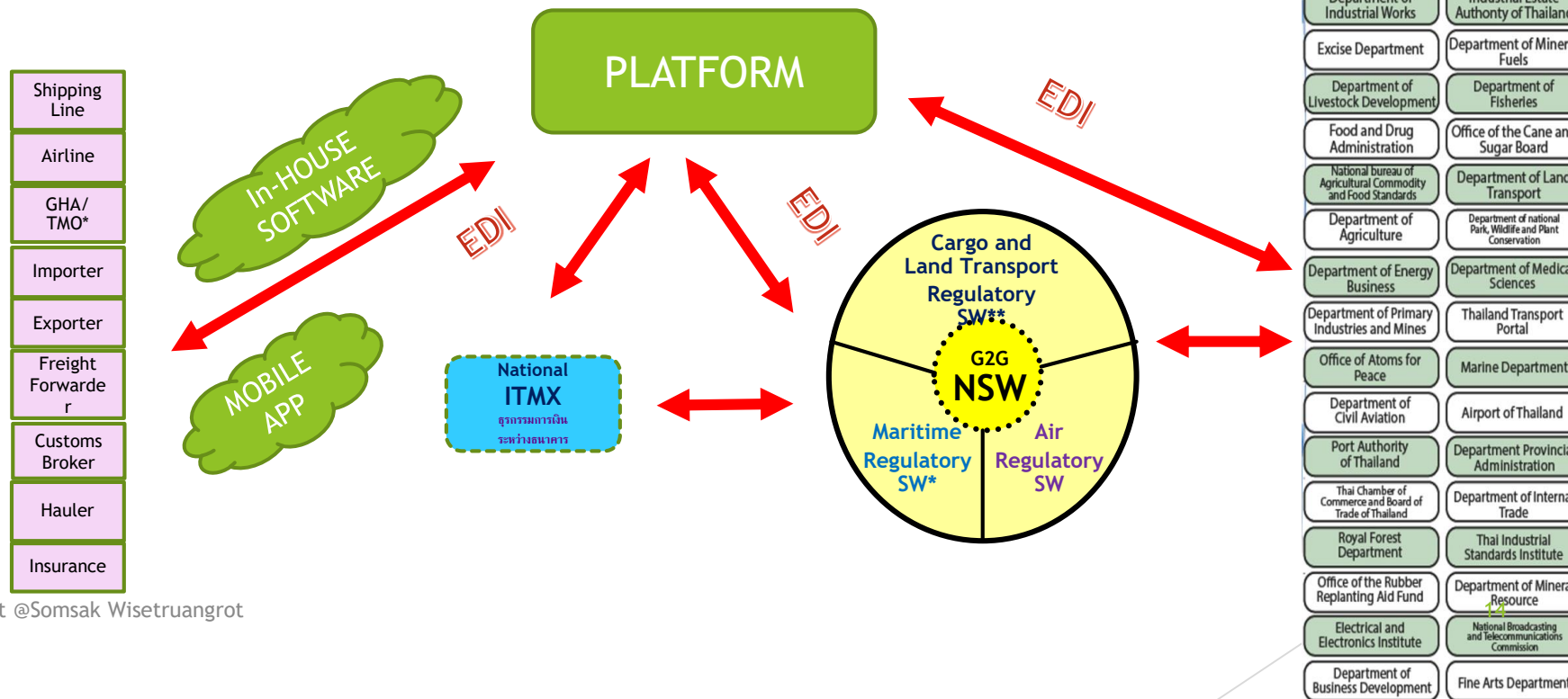
- WEB APPLICATION used by all Stakeholders access to PLATFORM





CONCEPT OF SINGLE PLATFORM

- ▶ TRADER use house SOFTWARE access to PLATFORM
- ▶ MOBILE APP





CHALLENGE

▶ **IT WILL BECOME A NATIONAL LOGISTICS SYSTEM**

- ▶ Electronic platform enabling intelligent and secure exchange of information among parties in the trade and logistics value chain)
- ▶ To converge importers, exporters, logistics providers, trade compliance authorities, financial institutions, insurance companies
- ▶ To facilitate the exchange, sharing & re-usability of data with in the community to automate output of documents & complement the community players operational requirements
- ▶ To focus on trade documentation automation
- ▶ To enhance trade facilitation efficiency in THAILAND

▶ **GOVERNMENT SHALL SUPPORT TO THIS INNOVATION IN TERM OF**

▶ **FUNDING**

▶ **MANDATORY**



BENEFIT TO THE COUNTRY

- ▶ LOW INVESTMENT
- ▶ FRIENDLY USER
- ▶ REAL TIME DATA EXCHANGE
- ▶ DATA STORAGE & RETRIEVABLE
- ▶ CONNECTABLE TO ASEAN AND OVERSEAS STAKEHOLDERS
- ▶ PRIVATE SECTOR HAVE OPTION TO USE
- ▶ CONNECTIVITY BETWEEN PUBLIC AND PRIVATE SECTORS

Benefits of Working Together



NATIONAL LOGISTICS SYSTEM WITH CENTRALISED DATABASE ACROSS THE LOGISTICS VALUE CHAIN



- SIMPLIFIED TRADING PROCEDURES
- INCREASED LIBERALIZATION OF TRADE INDUSTRY
- INTEGRATED FREIGHT TRANSPORT SYSTEM
- REDUCED DATA ENTRY
- TARIFF CORRELATION
- COMPLIANCE TRANSPARENCY
- CLEARANCE PROCESS VISIBILITY
- FACT-BASED INFORMATION TO IMPROVE INFRASTRUCTURE
- POSSIBLE STREAMLINED CHARGES
- PLATFORM FOR INDUSTRY INITIATIVES AND IMPROVEMENT

THANK YOU FOR YOUR ATTENTION