Update of Digital Trade Platform "TradeWaltz"

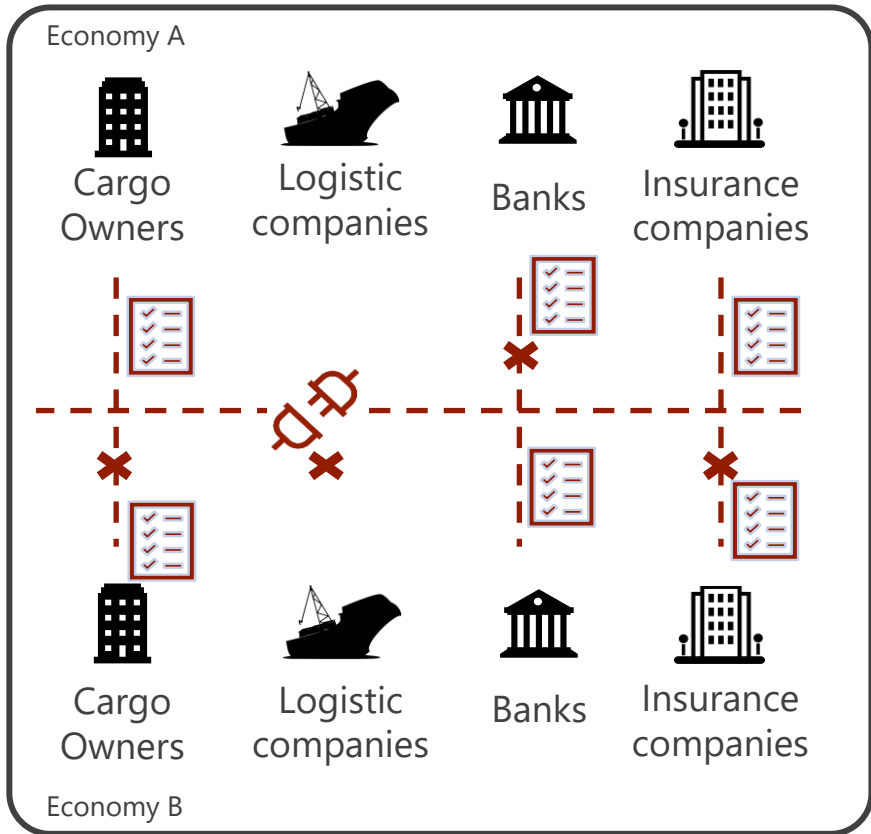〜 Production release, Global activity, Future plans〜

June 17th, 2022

Global Trade entails so much difficulty in covid situation

- In international trade, many business-to-business(B2B) exchanges are still paper or PDF based, and a great deal of time is spent on retyping data and other manual works. This is a huge hassle in covid situation because

AS IS

Economy A

Cargo Owners

Logistic companies

Banks

Insurance companies

Cargo Owners

Logistic companies

Banks

Insurance companies

Economy B

1 **Need** to gather in office

To execute paper works and store paper documents

Ref) ASEAN-BAC focal meeting

2 **Unclear** status of inventory & logistics

Because it's written in paper/PDF or communicate in Telephone

Ref) USER interview

3 Take Time : **72 hours/import&export** in Japan

*235 hours in ASEAN countries, 111 times longer than the EU (digitalized)
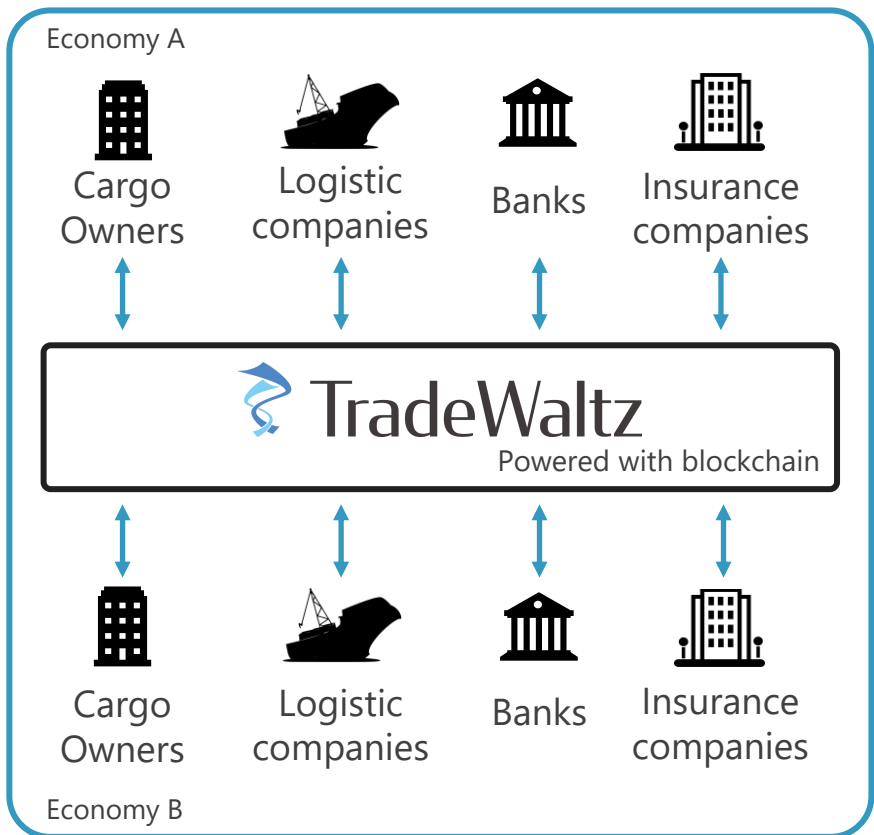
Ref) World Bank Research

4 Analog work Cost : USD **342/trade** in Japan

Ref) World Bank Research

TradeWaltz is a B2B communication DX platform to solve

- TradeWaltz is a cross-industrial business to business (B2B) trade platform utilizing blockchain technology and enable trade practitioners easy to do operation in covid situation because
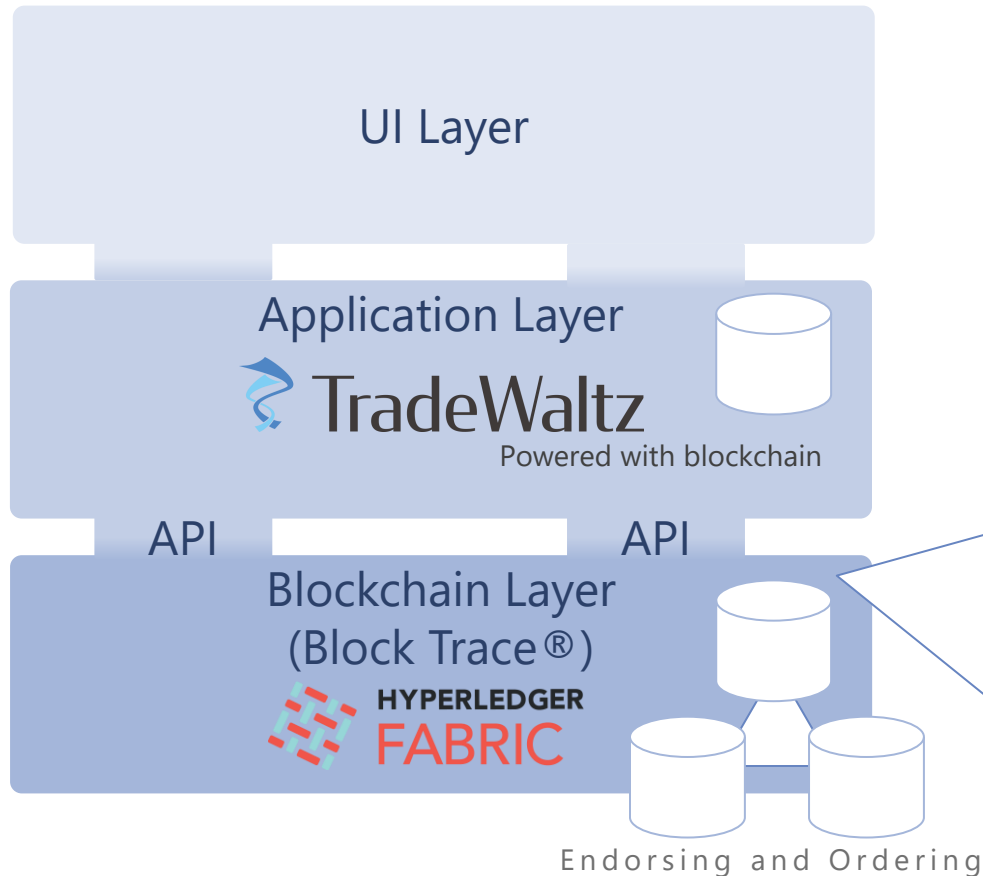
TO BE

Economy A

Cargo Owners | Logistic companies | Banks | Insurance companies

TradeWaltz

Powered with blockchain

Cargo Owners | Logistic companies | Banks | Insurance companies

Economy B

1 **Don't need** **to gather in office**

Trade operations can be carried out remotely with a PC and the Internet.   Ref) ASEAN-BAC focal meeting

2 **Clear** **status of inventory & logistics**

Because all information can be seen from TradeWaltz dashboard

3 **Cut Time** **：** **44%** **in Japan**

*60% in ASEAN economies   Ref) PoC results in 2018-2019

4 **Cut analog work Cost** **：** **44%** **in Japan**

Ref) PoC results in 2018-2019

Data authenticity is ensured by utilizing Hyperledger Fabric

- TradeWaltz consists of three layers: UI, Application, and Blockchain.
- The Blockchain layer utilizes Hyperledger Fabric to ensure the authenticity of data.

TO BE

UI Layer

Application Layer

TradeWaltz
Powered with blockchain

API   API

Blockchain Layer
(Block Trace®)

**HYPERLEDGER
FABRIC**

Endorsing and Ordering

Distributed ledger entry of application layer management information among multiple nodes **to ensure data authenticity**.

- By **having nodes abroad in the future**, data authenticity will be managed in multiple countries to increase reliability.

- Careful selection of recorded information reduces the recording volume, **speeds up processing speed**, and **enhances data governance** by preventing the overseas leakage of confidential information.

TradeWaltz's feature ： All in One

1 **Cross Industrial Platform**

Players:

Exporter

Negotiation Bank

Issuing Bank

Importer

Insurance Company

Forwarder

Carrier

C/O provider

2 **Wide coverage of documents**

Structured documents **(NOT PDF)** on the platform

| Letter of Credit | Invoice | Sea Way Bill | Packing list | Shipping Instruction |

| Export Permit | Certificate of Origin | Bill of Exchange | Insurance Policy |

And attachment files (PDF etc.)

3 **Creation of ecosystem**

Collaborate with other PFs and utilize the accumulated data to create new business ecosystem.

Cross Industrial Consortium since 2017 for trade digitalization

	Big Participating Companies (as of March. 2020)
Banks	MUFG Bank, Ltd.
	Sumitomo Mitsui Banking Corporation
	Mizuho Financial Group, Inc./Mizuho Bank, Ltd.
Insurance Companies	Tokio Marine & Nichido Fire Insurance Co., Ltd.
	Sompo Japan Nipponkoa Insurance Inc.
	Mitsui Sumitomo Insurance Company, Ltd.
Cargo Owners	Sumitomo Corporation
	Mitsubishi Corporation
	Sojitz Corporation
	Toyota Tsusho Corporation
	Marubeni Corporation
	Itochu Corporation
	Kanematsu Corporation
	Mitsui & Co., Ltd.
Carriers / Logistics Companies	Kawasaki Kisen Kaisha, Ltd.
	Nippon Express Co., Ltd.
	Nippon Yusen Kabushiki Kaisha
	Ocean Network Express Pte. Ltd.
Secretariat	NTT DATA (Blockchain Expert)

Co-invested partners

Activities (2017)

- Identification and sharing of cross industrial business issues
- Created TradeWaltz prototype
- Proof of concept with NTP Singapore

Activities (2018)

PoC results : 44-60% efficiency improvement

- Research on AI and semantic technology for L/C document check
- Proof of concept in Japan and Thailand
- Research on relevant laws (MLETR) and submission of written request to government agencies

Activities (2019)

Thailand set digital trade as ASEAN agenda

- Release of pilot version
- Trial deployment in Thailand involving 24 companies

Activities (2020)

- Announcement in World Economic Forum 2020 sideline event
- Started commercialization

TradeWaltz

6

TradeWaltz will not only serve as a platform to connect trade practitioners in Japan, but is also moving to connect with platforms in Thailand and other countries around the world to help strengthen global supply chains by connecting trade data from around the world.

Asia-Pacific Economic Cooperation (APEC)

Utilizing Digital Technology in the Field of Trade Facilitation under the Current COVID-19 Pandemic and Beyond:
Best-Practices Sharing Workshops
~ 1st Workshop – Trade Facilitation through Trade Platforms ~

National Digital Trade Platform ("NDTP")
from Thailand

TradeWaltz **from Japan**

TradeWaltz's Vision for 2022
Live-link with the trade platforms of 5 economies including Australia

NTP Networked Trade Platform
from Singapore

TradeWindow **from New Zealand and Australia**

METI fund support project

+challenge of eCO linkage

+visualizing CO2 emission

On April 23, 2022, before the dinner with Prime Minister Kishida of Japan, TradeWaltz Director Someya and investor Mitsubishi corporation was given time to meet with Prime Minister Hun Sen of Cambodia, the ASEAN chair country, to make an offer regarding TradeWaltz' expansion into Cambodia and ASEAN.

Reported in Media

・Khmer Newspaper ①
・Khmer Newspaper ②
・Facebook of PM Hun Sen

Future Plan：(expansion) Vietnam

TradeWaltz's relationship with Vietnam began in August 2020 with a "trade platform" conversation at a meeting between Japanese Minister Kajiyama and Vietnamese Minister Tran Tuan Anh.
For about two years, we have been in discussions with Vietnam's system integrator and mega bank regarding the deployment, and comments were issued during Prime Minister Kishida's recent visit.
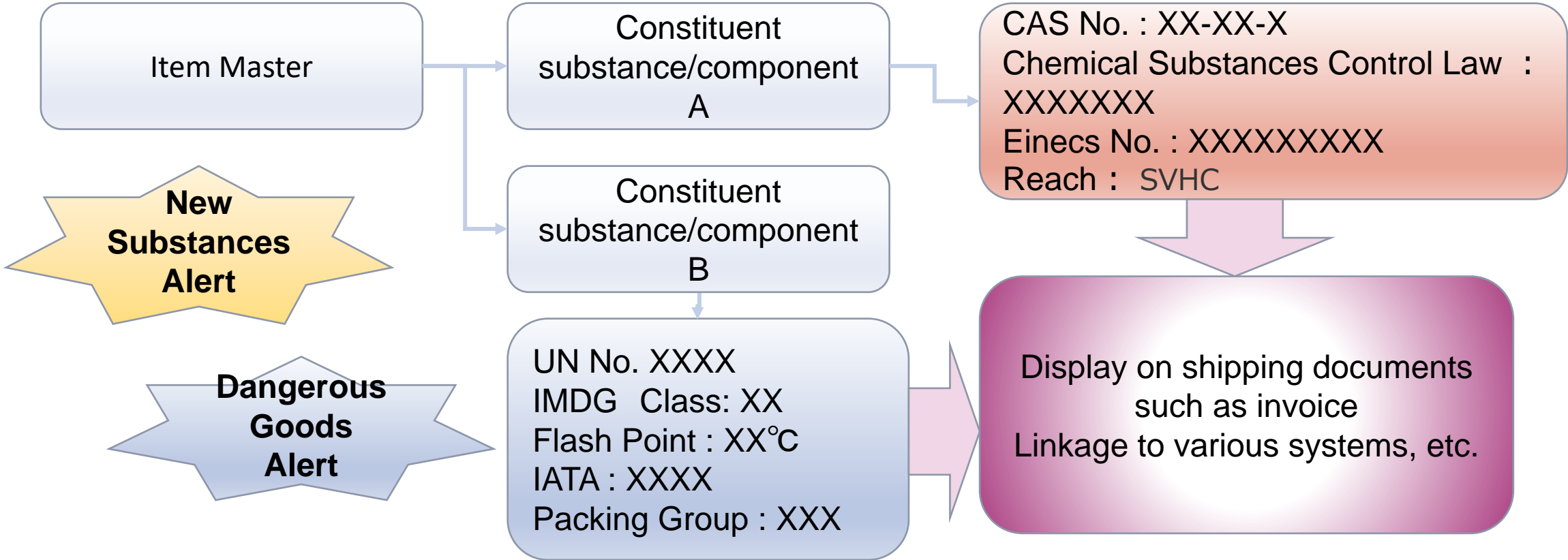

PM Kishida's comment

Digital transformation is expected to enable Japan and Vietnam to cooperate in solving social and economic challenges in a wide range of fields.
For example, the private sector in Japan and Vietnam have begun working together to improve efficiency by digitizing paper-based trade procedures.

Future Plan：(add value 1) Compliance check

The system can match the prior registration of constituent substances with the data of each law and regulation, and alert the user in advance if a substance is new or hazardous, allowing the user to comply with the necessary notifications and other laws and regulations.

```
Item Master  →  Constituent substance/component A  →  CAS No. : XX-XX-X
                                                        Chemical Substances Control Law ：
                                                        XXXXXXX
                                                        Einecs No. : XXXXXXXXX
                                                        Reach： SVHC
                Constituent substance/component B

New Substances Alert

Dangerous Goods Alert

UN No. XXXX
IMDG  Class: XX
Flash Point : XX℃
IATA : XXXX
Packing Group : XXX

→  Display on shipping documents such as invoice
   Linkage to various systems, etc.
```

# Future Plan：(add value 2) Credit ratings based on transaction data

Judging and presenting the creditworthiness of companies, regardless of size, based on past transaction and payment data, etc. Facilitates participation in trade by small and medium-sized enterprises (SMEs) and makes it easier to find business partners in countries where SMEs have not yet entered the market.

Exporter： XXX Trading

credit rating ： **A++**

SDGs score： B
Total transaction amount ： 500M USD
Late Payment Rate ： 0%
Countries of Transaction：Japan, Singapore

XXX Trading

Importer： YYY Trading

Credit rating： **A**

SDGs score： B
Total transaction amount ：200M USD
Late Payment Rate ： 5%
Countries of Transaction：Japan, Thai

YYY Trading

Exporter's platform/system(UI) ← API → TradeWaltz ← API → Importer's platform/system(UI)

Future Plan：(add value 3) IoT Tracking

Last year, TradeWaltz successfully conducted a PoC with Sagawa Express to attach IoT sensors to cargo to gain real-time location information.
This will allow users to automatically track the fulfillment of contracts on the blockchain.
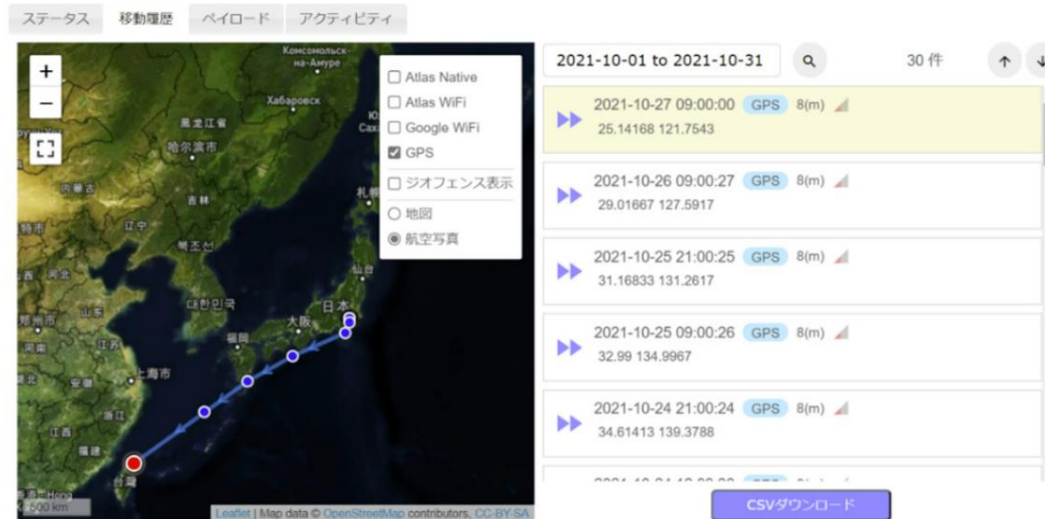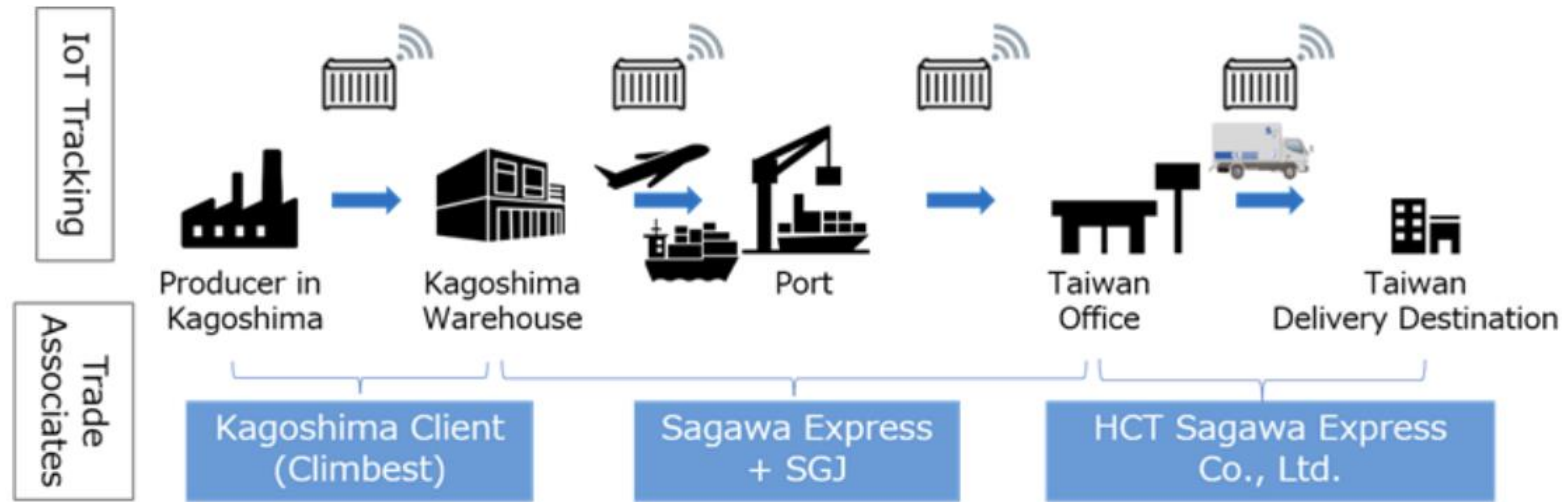
TradeWaltz has successfully demonstrated with Standage last year that the transfer of eBL data on TradeWaltz can trigger digital currency payments on other blockchain platform for the first time in the world.
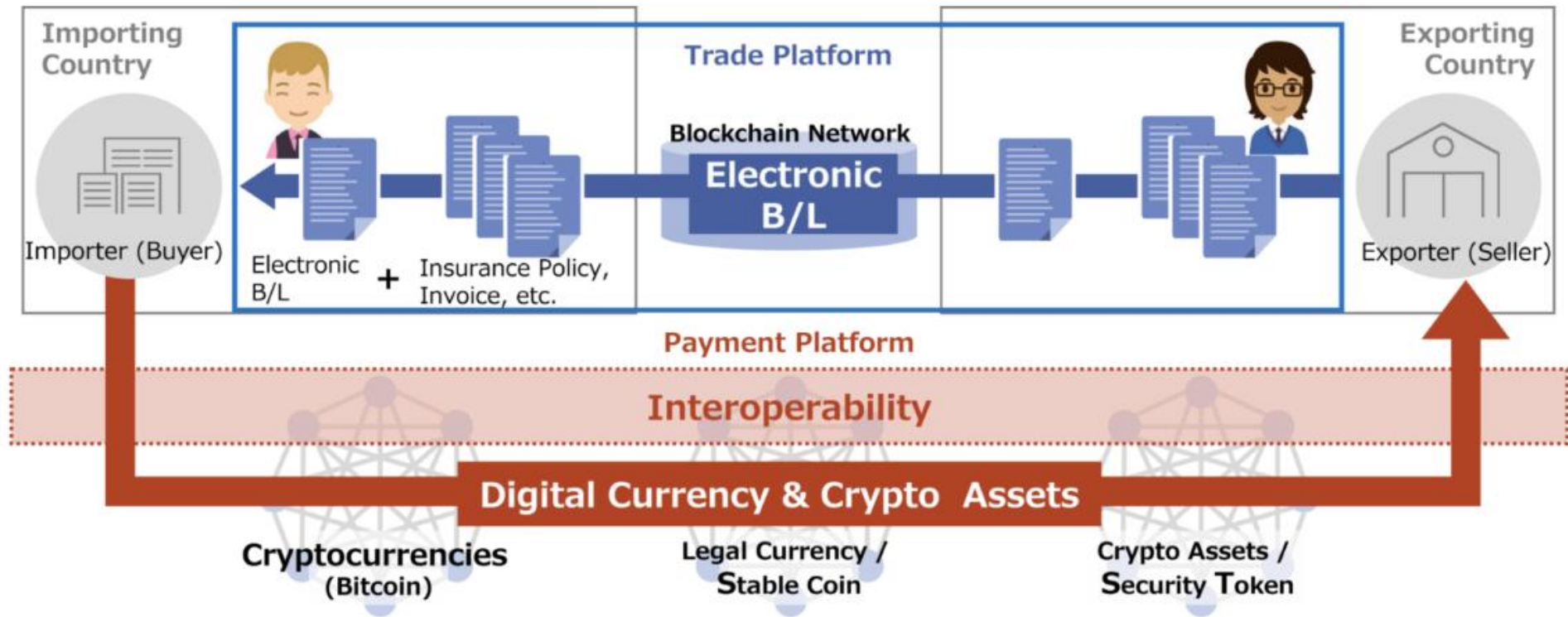
In a future where contract information is managed on the blockchain on TradeWaltz and contract fulfillment is monitored by IoT, and digital currency payments can be initiated by smart contracts, trade practices will be partially automated.
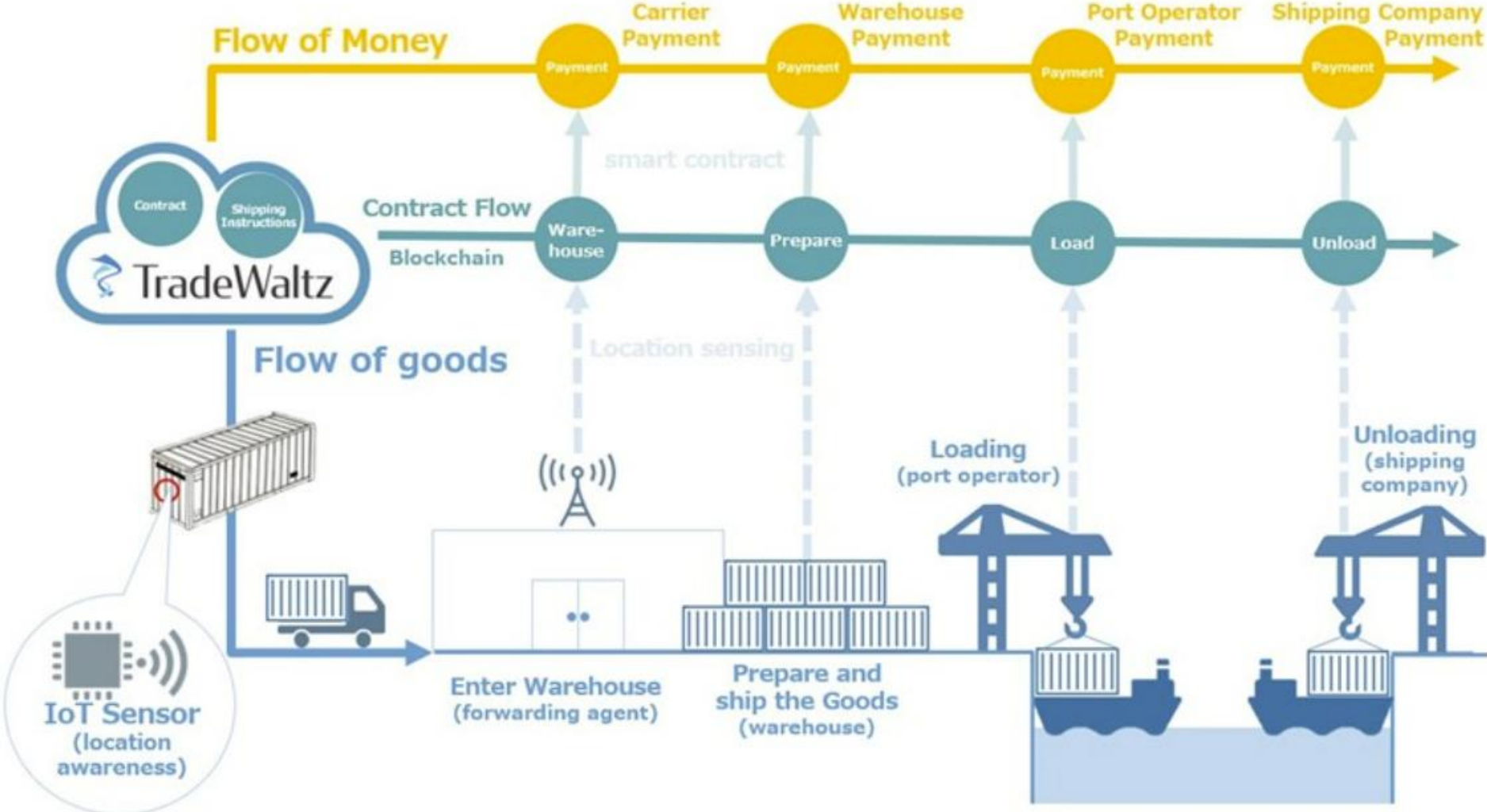
Thank you for listening and please feel free to contact us if you have any query.

TradeWaltz
info@tradewaltz.com

Satoru Someya
Managing Director
- Head of CEO's office
- Head of Global & Alliance business dept
TradeWaltz Inc

Appendix

Trade DX platform from Japan and APEC| "TradeWaltz®"

Leverage blockchain technology to streamline trade processes and digitize trade data across industries. Digitization not only improves work efficiency and allows employees to work from home, but also contributes to CO2 reduction.

Conventional analog trade

trading company
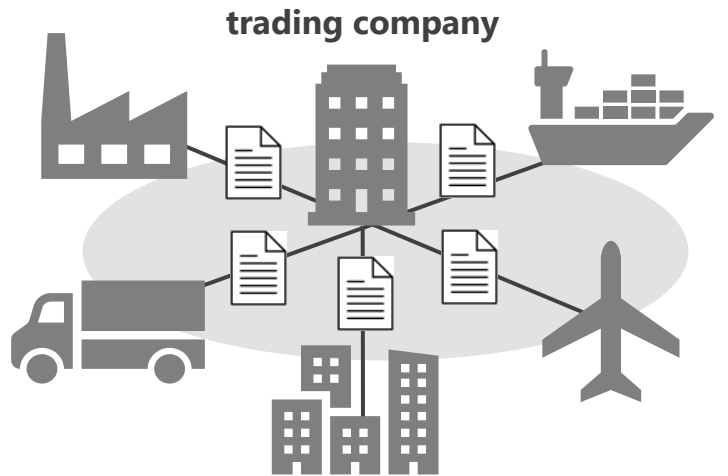
Paper-based communication

Trade DX

Future of digital trade

trading company
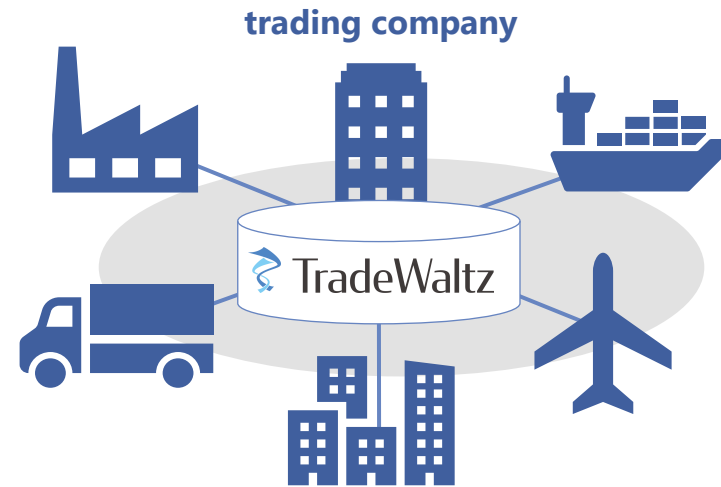
TradeWaltz

electronic interaction

Benefit for "TradeWaltz" users

Increased Work Efficiency

Cost Reduction

Working from home

CO2 Reduction

Up to **431ton**/year

IT and digital technology contribute to GX (Green Transformation)

ESG Management | ESG Key Challenges Addressing Climate Change Issues

Our group set greenhouse gas emission reduction targets and obtained SBT certification
Continuously work with clients to reduce CO_2 emissions across the entire society by using IT

NTT DATA Carbon-neutral Vision 2050

SCIENCE BASED TARGETS

Reduce CO_2 emissions by **60%** by FY2030 (Compared to FY2016)

Our company's own reduction of CO_2 emissions (Green Data Centers, etc.)	CO_2 reduction by customers and society as a whole (Green IT solutions, etc.)
Green of IT	**Green by IT**
Reducing CO_2 emissions from IT systems	Reducing CO_2 emissions through the use of IT

Climate Change Action Promotion Committee

Green Business   **Green power**   **Green purchasing**   **Work style reform NewNormal**

As you know... DX market is emerging

Global DX market size is reaching 127 trillion JPY in 2019.
Growing by 20% each year and may be accelerated by COVID-19.

Region-wise DX market size(2019 | trillion JPY*)

Others 11.8 (9.3%)
Japan 8.8 (6.9%)
Asia 14.9 (11.7%)
Europe 25.3 (19.9%)
China 25.7 (20.2%)
US 40.7 (32.0%)

Total market size
127
trillion JPY
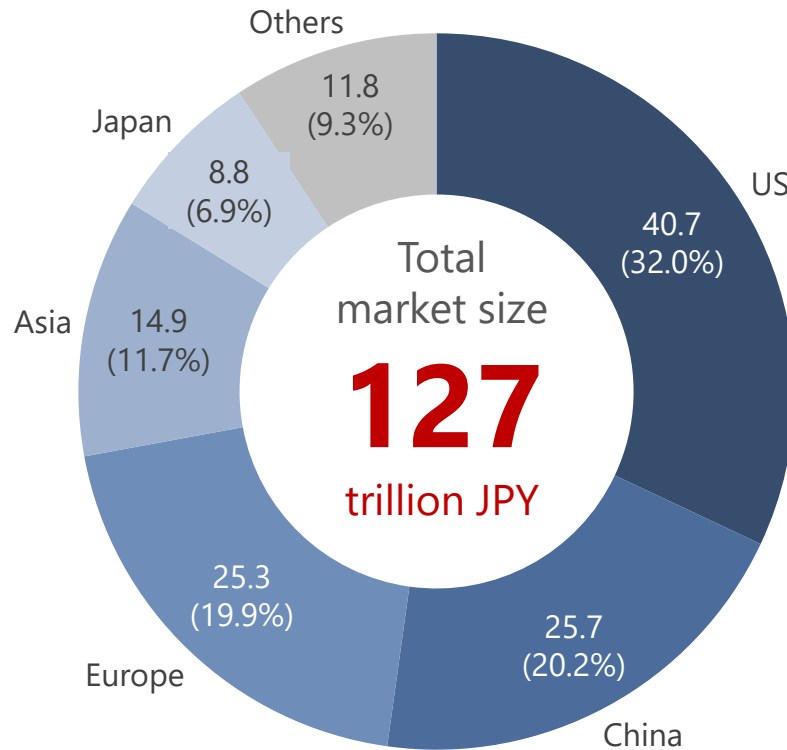
Expected market growth(Global | trillion JPY*)
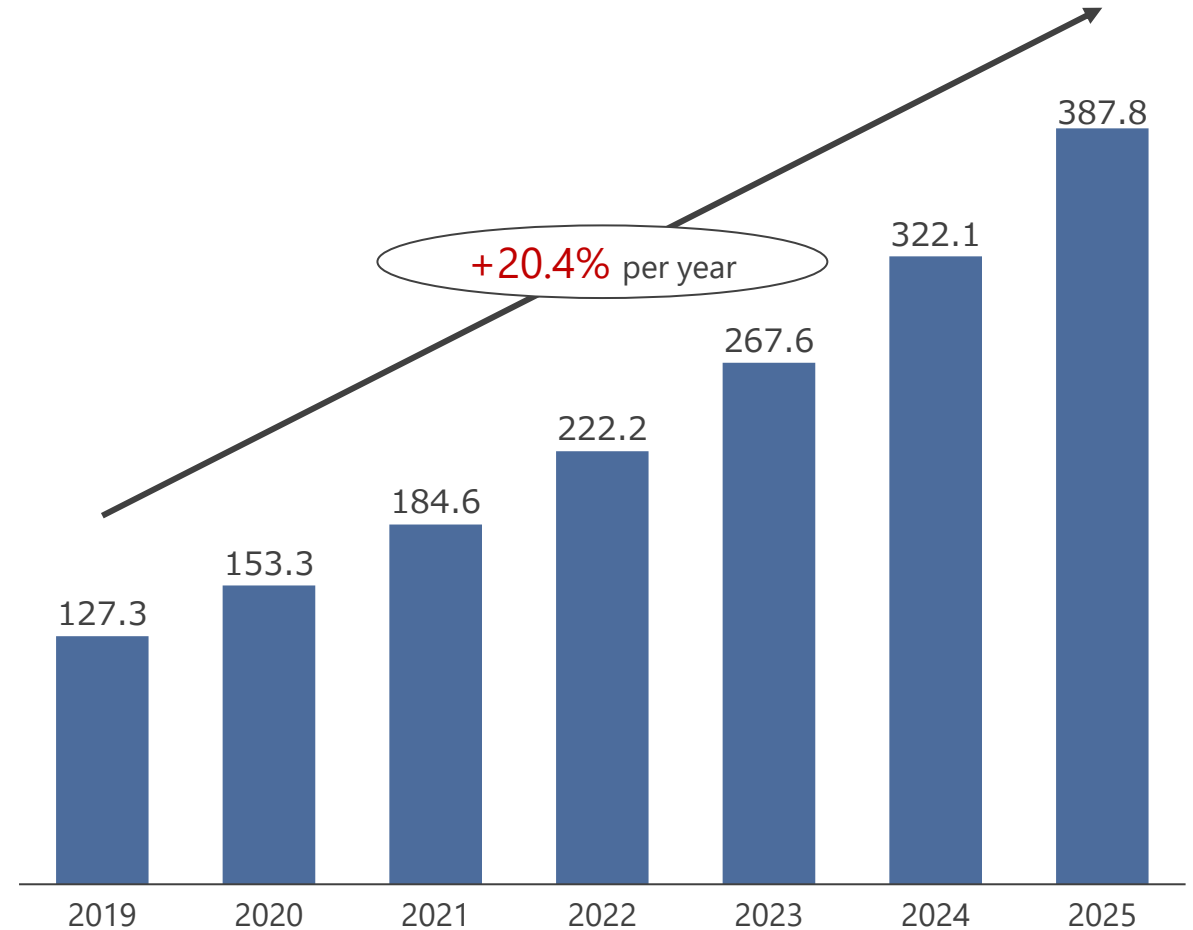
+20.4% per year

2019	2020	2021	2022	2023	2024	2025
127.3	153.3	184.6	222.2	267.6	322.1	387.8

19

Our targeting issue 1) Operation efficiency, speed

- Japan and ASIA respectively take 34 and 111 times more man-hours than EU to process trade transactions.

- EU is going forward at the point of regulation and digitalization.

Time Spent on Trade Transactions (unit: hour)

Legend:
- Time to import: Documentary
- Time to import: Border
- Time to export: Documentary
- Time to export: Border

Category	Import Documentary	Import Border	Export Documentary	Export Border	Total
No.1:France,Italy etc.	1	0	1	0	2
No.26:OECD high income	9	3	2	13	27
No.57:Japan	3	40	2	27	72
No.53:Europe & Central Asia	23	20	25	16	85
No.106:Latin America & Caribbean	43	56	36	55	190
No.103:East Asia & Pacific	54	68	56	58	235
No.117:Middle East & North Africa	73	94	66	53	286
No.109:South Asia	94	86	74	53	307
No.116:Indonesia	106	99	61	56	322
No.140:Sub-Saharan Africa	96	126	72	97	391

X34

X111

Ref : Trading across Borders(THE WORLD BANK)

Our targeting issue 2) Paper-work cost

- The market size of the issue in Japan is about 244.3-295 billion JPY per year for the cost of maritime cargo trade procedures.

Market size of this business

The market size of this project is approximately 244.3-295 billion yen, which is the cost of ocean freight trade procedures and paper handling.

Market Size		Costs associated with sea freight trade procedures[1]	
244.3-295 billion yen		295 billion yen	Export 116 billion yen
			Import 179 billion yen

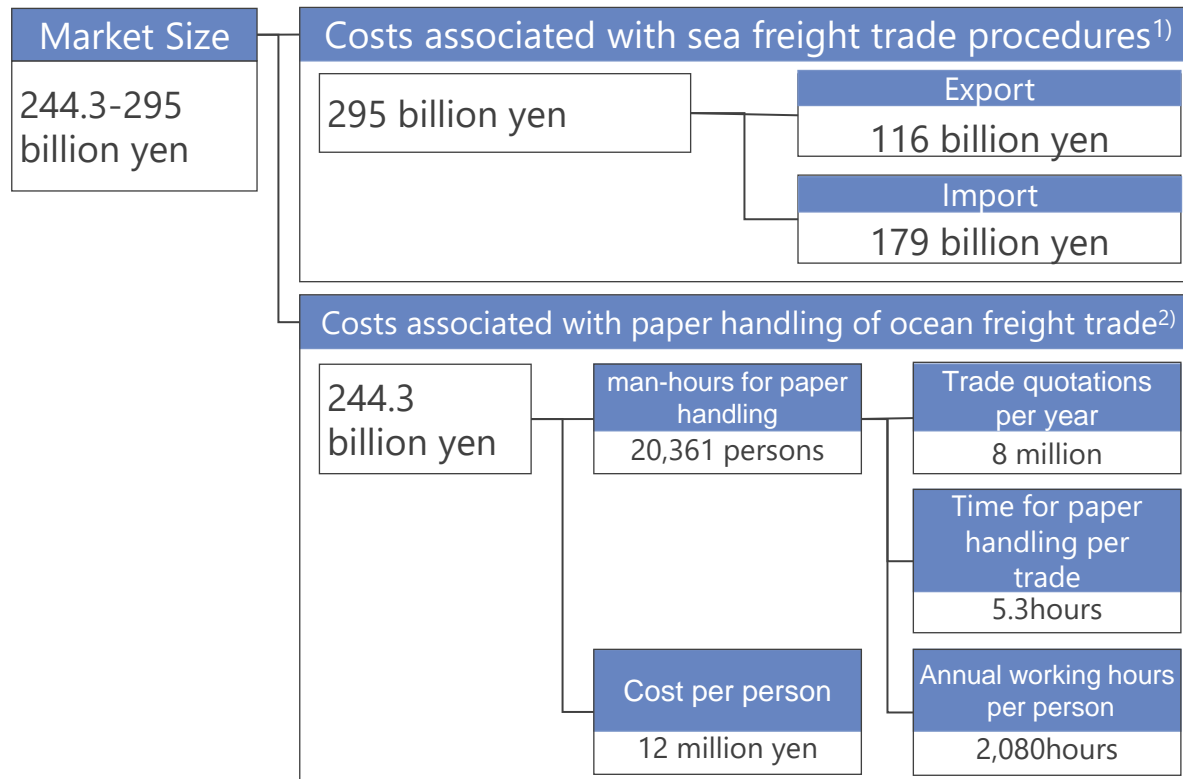|	Costs associated with paper handling of ocean freight trade[2]		
244.3 billion yen	man-hours for paper handling 20,361 persons	Trade quotations per year 8 million	
		Time for paper handling per trade 5.3hours	
	Cost per person 12 million yen	Annual working hours per person 2,080hours	

1) Calculated based on the World Bank Group's "Doing Business-Trading Across Borders".   2) Calculated based on empirical data.

3) Based on the number of import/export licenses provided by NACCS. 97% or more of all trade transactions since 2009 have been conducted through NACCS.

Quotations for seaborne trade in goods [3]

The number of sea freight trade transactions has been steadily increasing at a CAGR of 1.8%.

CAGR 1.8%

x1000

Year	Import	Export
2009	3,646	3,060
2010	4,016	3,568
2011	4,135	3,400
2012	4,224	3,443
2013	4,233	3,534
2014	4,203	3,615
2015	4,043	3,504
2016	4,088	3,426
2017	4,213	3,522
2018	4,262	3,754

Import   Export
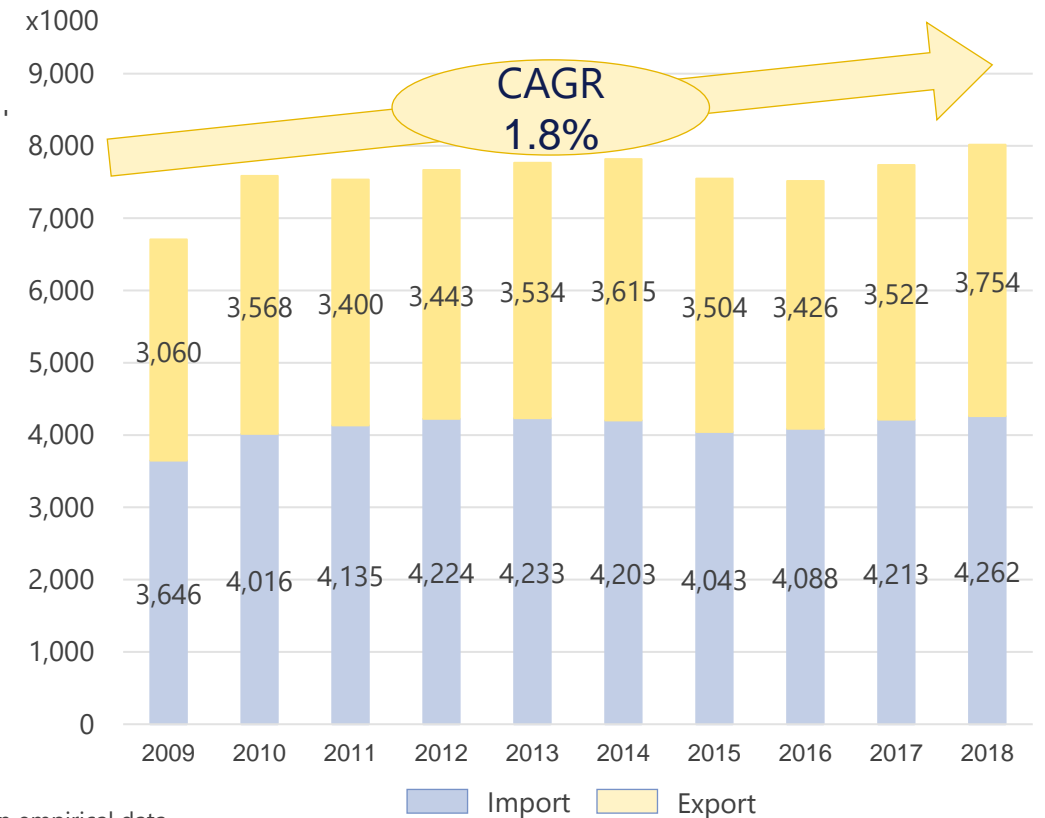
Our targeting issue 3) Needs of remote work in COVID-19

- Due to many tasks that still require paperwork, trade employees in Japan need to come to the office 1-2 times a week even during the spread of COVID-19.

- EU is going forward at the point of rules and digitalization.

COVID-19

Changes in personal behavior	Stagnation of economic activities
Social Distance Work From Home	Supply Chain Disruption Shortage of essential goods

By moving from a paper-based trade document to one that is digitalized, ASEAN enjoy major benefits such as reduced face-to-face operation, avoid supply chain disruption.

	Issue	Solution by Digital
Make trade procedures easy, anytime, anywhere – non face to face operation	**Analogue & Paper based operation with personnel**	**Digitized operation with handled remotely**
Make it easy to find alternatives to trading partners-Strengthening Supply Chain	**The supply chain breaks at the export source**	**Continuing the Supply Chain by finding alternative suppliers**

Ref：ASEAN-BAC focal point meeting 2020(Trade Digitalization)

Our targeting issue 4) Other trade issues

Import / Export

Customs Regulations	• Complexity of, and delay during the procedures • Differences in requirements for issuance of certificates by persons in charge (Preferential Certificate of Origin, etc.) • Lack of clarity around import-related risk management laws,　　etc.
Repetitive and Inefficient Administrative Procedures	• Notices and letters unable to be posted all at once, due to time lags and the limited timeframes they are given to be on the board • New regulatory standards and applications being vague • Demand for a bribe,　　　　　　　　　　　　　　etc.
Remittances	• Complexity of procedures (i.e. being required to attach documents that are not necessary for the transaction) • Overseas remittance by companies with accumulated deficits not being allowed • Restrictions on foreign currency borrowing and use • High overseas remittance fee,　　　　　　　　　etc.
Import/Export Regulations & Customs Duties	• High import/export duties • Safeguard • Lack of transparency in tariff system and suspension of exports • Various import regulations (e.g. used machinery, etc.),　　etc.
Others	• Restrictions on entry by foreign companies, shortage of relevant industries • Intellectual property management • Employment system • Land ownership restrictions,　　　　　　　　　etc.

Can be eliminated by electronic transactions

Require governmental support

Ref：Japan Machinery Center for Trade and Investment

Proved benefits in Japan

Benefits of TradeWaltz were examined in the proof of concept (PoC) conducted in 2017.

Legend:
- → Scenario of PoC
- → Exceptional
- ⇢ Share information
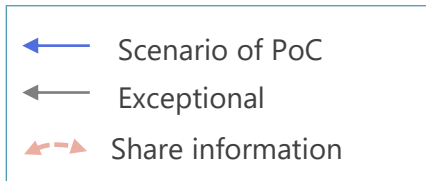
L/C: Letter of Credit
I/V: Invoice
P/L: Packing list
S/I: Shipping Instructions
I/P: Insurance Policy
C/O: Certificate of Origin
E/D: Export Declaration
E/P: Export Permission
CLP: Container Load Plan
D/R: Dock Receipt
B/L: Bill of Landing
SWB: Sea Waybill
B/E: Bill of Exchange

Importer

②Open L/C
⑪shipment document, B/E

L/C issuing bank

③L/C (MT700)
⑩Shipment document, B/E
⑩Settlement

Negotiation bank

①I/V
③L/C
⑨ Shipment document（L/C ,I/V ,P/L ,B/L or SWB, I/P）, B/E

④Insurance apply（copy of L/C,I/V）

Insurance company

Exporter

⑥'C/O apply
⑦'C/O

Certificate Issuing system

⑤I/P

⑥ I/V P/L S/I
⑦E/P
⑧B/L or SWB

Forwarder

⑦I/V,E/D
⑦E/P
E/P CLP
D/R

Customs

Container yard

D/R

Shipper

TradeWaltz

API

L/C	I/V	P/L
B/L SWB	I/P	S/I
E/P	B/E	C/O

Blockchain

24

Built TradeWaltz platform prototype

- We created the TradeWaltz platform prototype using blockchain.
  (https://www.youtube.com/watch?v=y_-d9DBM0CQ)

Built TradeWaltz platform prototype: Business variation

- TradeWaltz will expand its business by providing new value-added services and involving 3rd parties to create an ecosystem which will continuously deliver profitable, attractive and innovative services.

TradeWaltz

| Efficiency of trade operations | New business ecosystems |

Option Services

Collaboration with 3rd Party Services

Open API connectivity

Basic Services

NACCS
Nippon Automated Cargo And Port Consolidated System

BINAL

Accumulated trade data
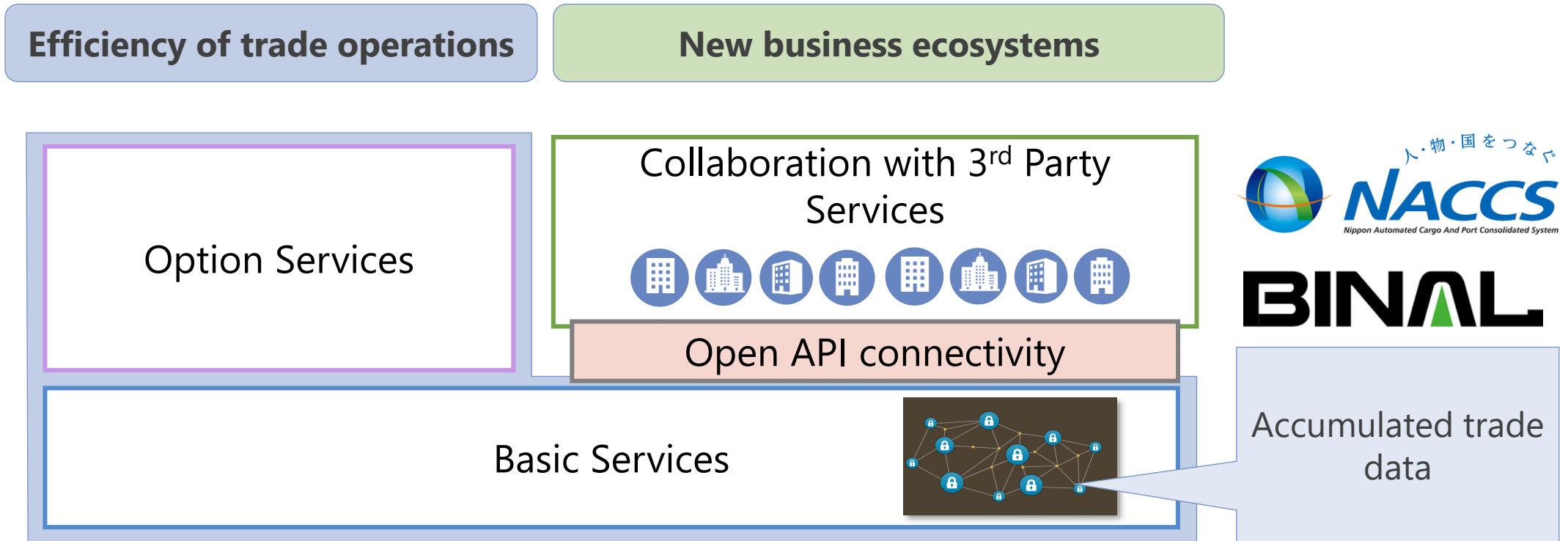
Built TradeWaltz platform prototype: Business variation

- TradeWaltz will provide a series of services to improve operational efficiency, aggregate the related data, and expand business opportunities in trade.

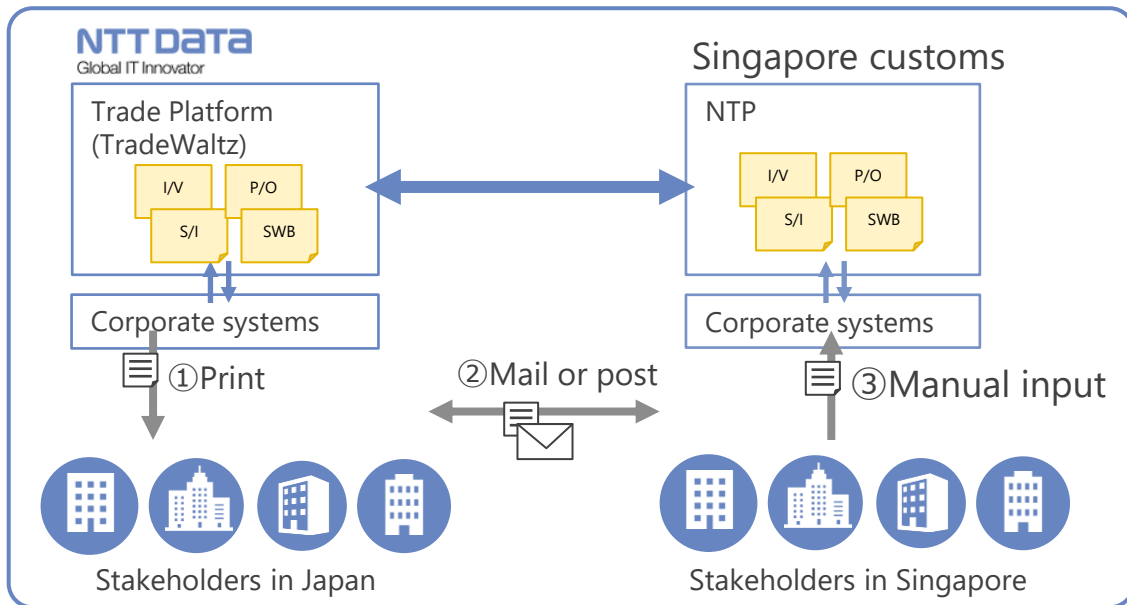| Value achieved by TradeWaltz	Means to realize value	Service examples	User
Operation Efficiency • Labor saving in trade operations • Lead time reduction • Reducing errors through rulemaking and automation	• 100%-digitized trade documents • Standardization and structuring of information • Rapid information sharing	Export Documentation Service Document Storage Service NSW Linkage Service	All Trade Players Shippers Shipping Companies FWD
Data Aggregation and centralization • Visualizing the status of transactions • Facilitating and digitizing decision-making • Various information and seller/buyer matching	• Dashboarding • Digital workflow • Automation of reconciliation, etc.	Reconciliation statement information provision service Advanced trade document checking service Logistics information linkage service	Shipper All Trade Players Shipping Companies FWD
Expansion of business opportunities • Improving trade sales • Application of preferential tariffs in accordance with the treaty • Launching new services and businesses in the ecosystem	• Support for compliance with laws and treaties • External service connection • Providing a development environment on the ecosystem / supporting service development	Trade finance service Self-certification of origin support service eB/L Service Booking service	Shipper Shipper Shipping Companies Shipper Shipper

Proved benefits in Japan

Based on the result of the cross-industrial PoC, TradeWaltz was confirmed that it contributes to the improvement of operational efficiency and the cost reduction effect.

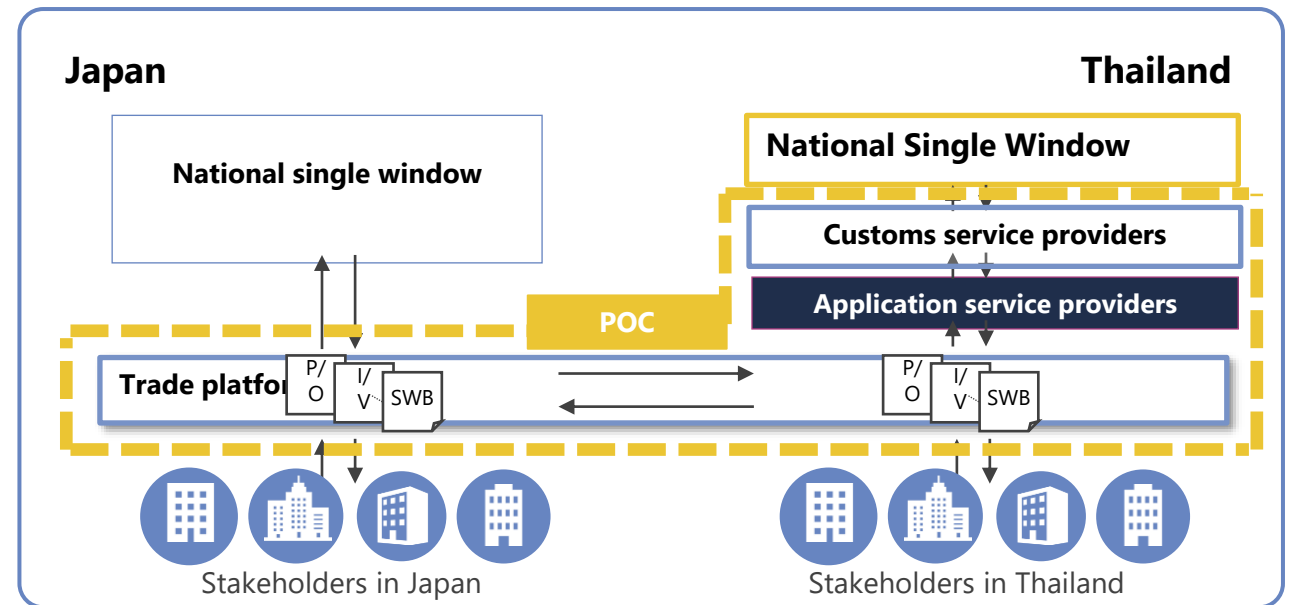| Industries	Procedures	Operational Efficiency/ Cost Saving
Cargo owners	C/O application	**60+%** **Time saving for creating document** by pulling data of I/V
	Apply for negotiation of documentary bill	**60+%** **Time saving for confirming the integrity of documents** by check function
Banks	Negotiate documentary bill	**60+%** **Time saving for confirming the integrity of documents** by check function
	Deliver documentary bill	**30 to 60%** **Time saving for delivering documents** to customers
		30 to 60% **Cost saving for managing original documents**
Insurance Companies	Issue insurance policy	**60+%** **Time saving for creating I/P** by pulling data of L/C
		60+% **Cost saving for delivering・managing documents** by paperless and **collection cost** when revising I/P
Carriers/ Logistic Companies	Issue SWB (B/L)	**60+%** **Reduction of B/L operation** by paperless of SWB(B/L)

Proved benefits in Japan and ASEAN

Other Proof of Concepts have also been conducted with Singapore and Thailand. With Singapore, it was confirmed that NTTData has interoperability with Singapore platform. With Thailand, the introduction of TradeWaltz proved over 50% of operational efficiency improvement and accelerate remote work.

Proof of concept with Singapore NTP (2017-2019)

NTT DaTa
Global IT Innovator

Trade Platform (TradeWaltz)

I/V   P/O
S/I   SWB

Corporate systems

①Print

②Mail or post

Singapore customs

NTP

I/V   P/O
S/I   SWB

Corporate systems

③Manual input

Stakeholders in Japan

Stakeholders in Singapore

Proved **Interoperability** Between Platforms

Proof of concept with Thailand (2019-2019)

Japan

Thailand

National single window

National Single Window

Customs service providers

Application service providers

POC

Trade platfor...   P/O I/V SWB   P/O I/V SWB

Stakeholders in Japan

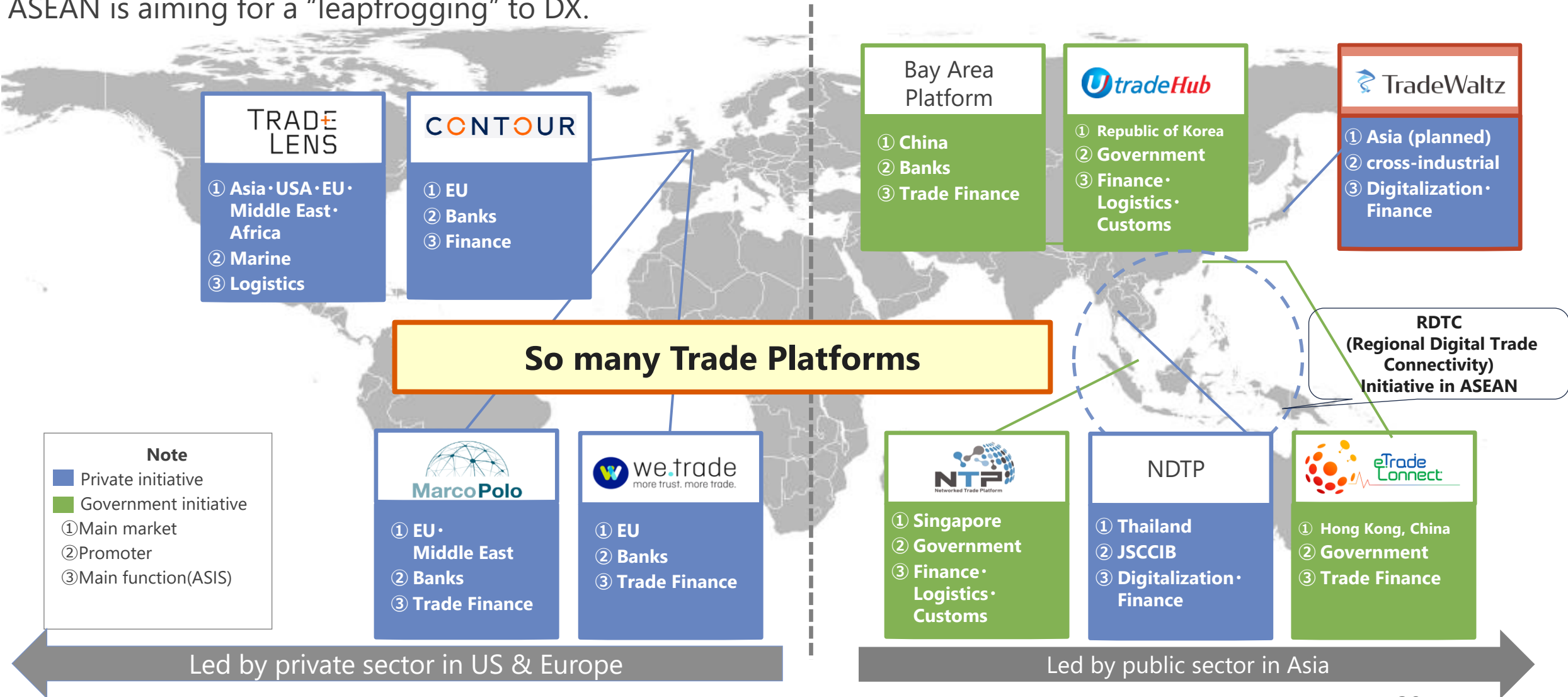Stakeholders in Thailand

Proved **over 50%** Operational Efficiency improvement in Stakeholders and accelerate remote work

The number of digital trade PFs is increasing

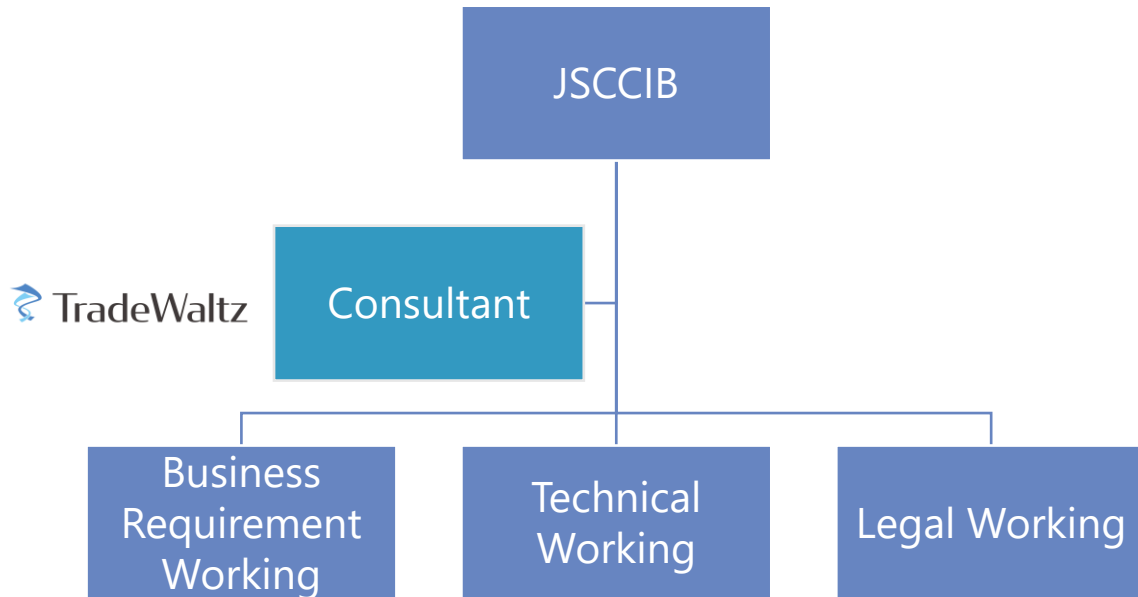Same as in Europe & US, Trade PF initiatives are gaining momentum in Asia.

ASEAN is aiming for a "leapfrogging" to DX.

TRADE LENS
① Asia・USA・EU・Middle East・Africa
② Marine
③ Logistics

CONTOUR
① EU
② Banks
③ Finance

Bay Area Platform
① China
② Banks
③ Trade Finance

tradeHub
① Republic of Korea
② Government
③ Finance・Logistics・Customs

TradeWaltz
① Asia (planned)
② cross-industrial
③ Digitalization・Finance

So many Trade Platforms

RDTC (Regional Digital Trade Connectivity) Initiative in ASEAN

Note
- Private initiative
- Government initiative
① Main market
② Promoter
③ Main function(ASIS)

MarcoPolo
① EU・Middle East
② Banks
③ Trade Finance

we.trade
more trust. more trade.
① EU
② Banks
③ Trade Finance

NTP
Networked Trade Platform
① Singapore
② Government
③ Finance・Logistics・Customs

NDTP
① Thailand
② JSCCIB
③ Digitalization・Finance

eTrade Connect
① Hong Kong, China
② Government
③ Trade Finance

Led by private sector in US & Europe

Led by public sector in Asia

Thailand, 2019 Chair of ASEAN, started considering with TradeWaltz support

- JSCCIB Thailand takes the lead to drive forward the NDTP.
- (JSCCIB：Joint Standing Committee of Commerce, Industry and Banking.)

JSCCIB organization Structure

Thai Banker's Association

Thai Chamber of Commerce

The Federation of Thai Industries

JSCCIB's hierarchy in NDTP consideration

JSCCIB

TradeWaltz

Consultant

Business Requirement Working

Technical Working

Legal Working
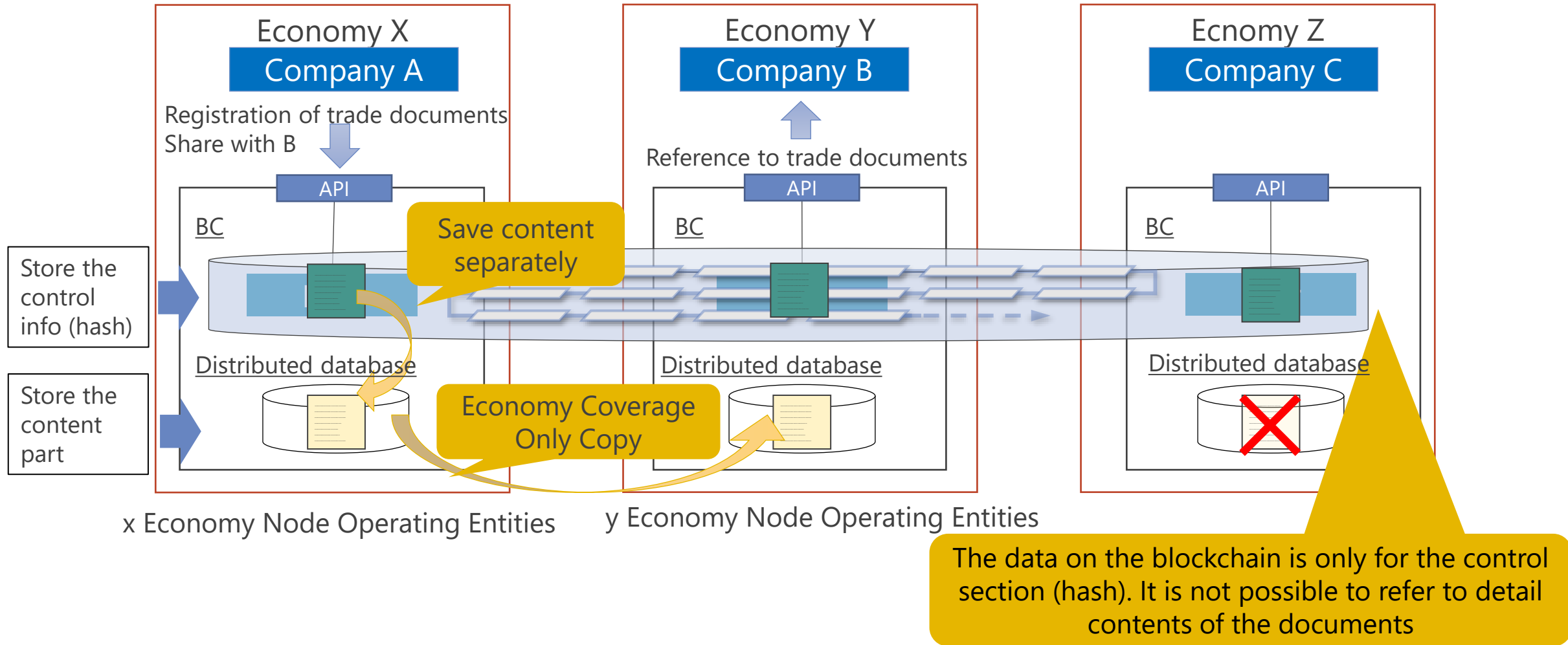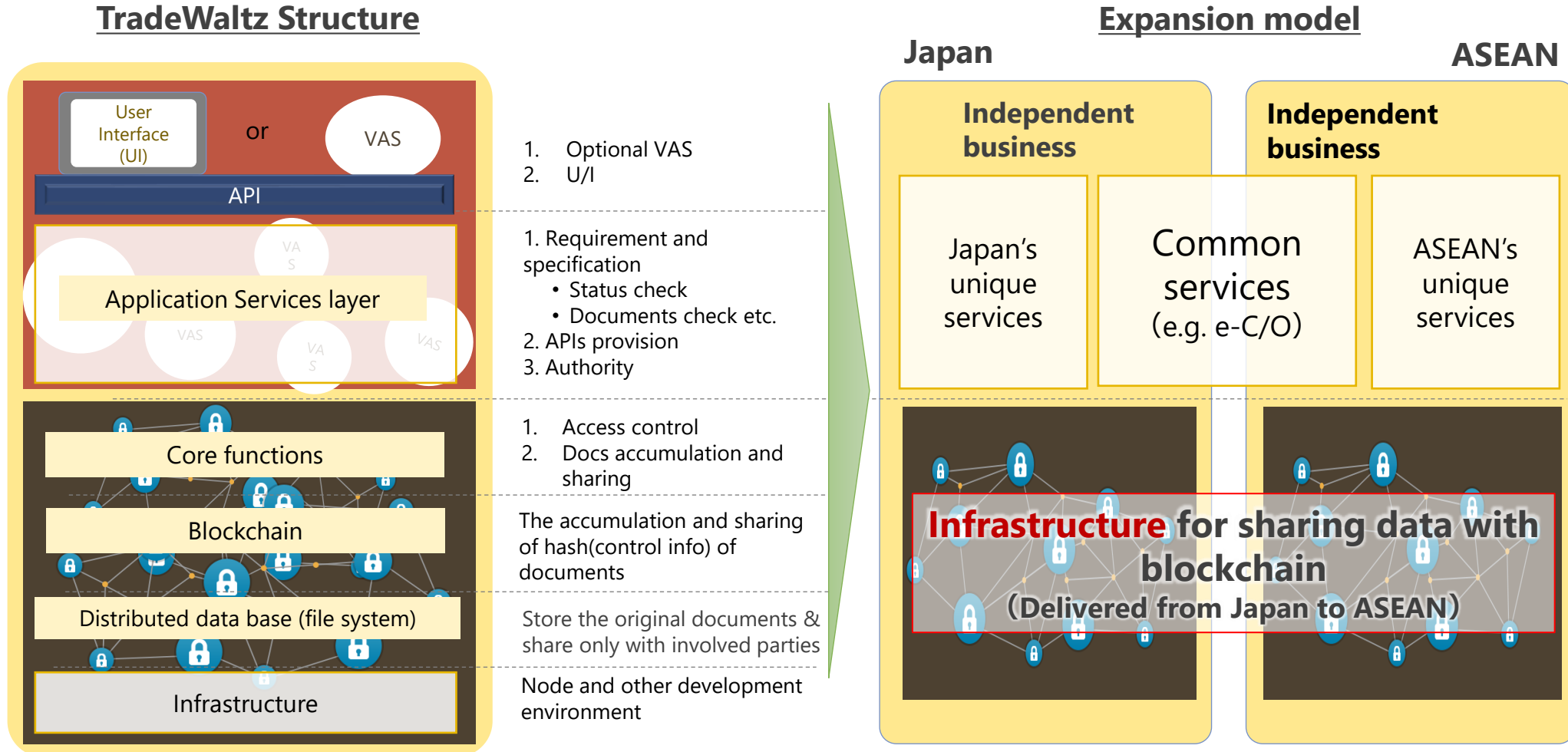
The project started around 2018.
Domestic agenda by the Thai government in 2019.

NTT DATA(TradeWaltz) cooperates with JSCCIB to test the effectiveness of having a B2B trade platform in 2019.

Considered Hybrid data model for security

Economy X — Company A

Registration of trade documents Share with B

API

BC

Store the control info (hash)

Store the content part

Distributed database

Save content separately

Economy Coverage Only Copy

x Economy Node Operating Entities

Economy Y — Company B

Reference to trade documents

API

BC

Distributed database

y Economy Node Operating Entities

Ecnomy Z — Company C

API

BC

Distributed database

The data on the blockchain is only for the control section (hash). It is not possible to refer to detail contents of the documents

Ex) suggesting blockchain-sharing model of TradeWaltz

TradeWaltz Structure

| User Interface (UI) | or | VAS |

API

Application Services layer
(VAS, VAS, VAS, VAS)

Core functions

Blockchain

Distributed data base (file system)

Infrastructure

1. Optional VAS
2. U/I

1. Requirement and specification
   - Status check
   - Documents check etc.
2. APIs provision
3. Authority

1. Access control
2. Docs accumulation and sharing

The accumulation and sharing of hash(control info) of documents

Store the original documents & share only with involved parties

Node and other development environment

Expansion model

Japan

Independent business

| Japan's unique services | Common services (e.g. e-C/O) |

ASEAN

Independent business

| ASEAN's unique services |

Infrastructure for sharing data with blockchain
（Delivered from Japan to ASEAN）

Thailand set digital trade as ASEAN agenda

PF's interoperability (hybrid model) was mentioned at the World Economic Forum 2020 sideline event

International partners ink pact with IMDA to collaborate on digital trade

THE International Chamber of Commerce (ICC) and 17 major multinational firms have signed a cooperation agreement with Singapore's Infocomm Media Development Authority (IMDA) to boost digital trade, which could result in wider adoption of Singapore's TradeTrust framework for connecting digital trade platforms.

Signed at Davos on Wednesday alongside the annual World Economic Forum meeting, the agreement is part of efforts to move from the existing paper-based system for world trade to digitally-enabled trade. The parties agreed to advocate and adopt open and neutral networks, u interoperability.

Moving towards digitalised trade re trading system, and interoperability noted Minister for Communications Digitalisation Forum. The TradeTrus

TradeTrust aims to ensure interoper allowing digital trade documentatior

SINGAPORE and ICC collaborate with seventeen key industry partners to enable further digitalisation in international trade

INFOCOMM MEDIA DEVELOPMENT AUTHORITY · ICC INTERNATIONAL CHAMBER OF COMMERCE

APRIL · DBS · Marubeni · mastercard · Mitsubishi Corporation · MUFG MUFG Bank · MITSUI & CO · MIZUHO

noble · NTT DATA · PSA · Sompo Japan · Standard Chartered · Sumitomo Corporation · SMBC · TOKIOMARINE NICHIDO · TRAFIGURA

We shall proceed further collaboration (like API linkage) with 30 other platformers (Exporter's, Importer's, etc.) to build digital trade ecosystem in the world.

Interoperability

Economy's platforms

NTP
Networked Trade Platform

National Digital Trade Platform ("NDTP")

TradeWindow

Exporter's platform (UI)

Insurance company's platform

eC/O issuing platform

Logistic partner's platform

TradeWaltz

Powered by Blockchain
Linked together by API

API

Importer's platform (UI)

Bank's platform

Government custom platform

Shipping company's platform