



ASEAN-Japan Economic Co-Creation Forum

Toward Innovative and Sustainable Growth

December 16, 2023 [SAT] 9:00-18:00

Academy Hills (Roppongi Hills Mori Tower 49th floor)

Dissemination of Digitalization in ASEAN and Japan

Panel Discussion

Networked Trade Platform (NTP): An Overview



By CHOO Wai Yee
16 December 2023

**SINGAPORE
CUSTOMS**

We Protect Revenue, and Make Trade Easy, Fair and Secure

The Networked Trade Platform – NTP

www.ntp.gov.sg

The screenshot displays the NTP website interface. At the top, the browser address bar shows 'ntp.gov.sg'. The website header includes the NTP logo, the text 'Networked Trade Platform', and the Singapore Government logo with the tagline 'Integrity · Service · Excellence'. A navigation menu contains 'Get Started', 'Data Tools & Services', 'Government Services', 'Support', and a 'Sign in / Register' button. The main banner features the heading 'CONTAINER TRACK AND TRACE SERVICE' and a sub-headline: 'Provides visibility of containerised cargo movement between SINGAPORE and two CHINA ports to better manage your physical supply chains and financial flows.' A 'FIND OUT MORE' button is positioned below the text. Below the banner, three service categories are highlighted: 'Get Started' (with a group of people icon), 'Data Tools & Services' (with a gear and box icon), and 'Government Services' (with a .gov icon). Each category includes a brief description and a link to learn more.



What NTP Aims To Do



The NTP is a **transformational platform**Going forward, we must work towards greater connectivity, especially with our trading partners around the world. Our vision is for this to be a truly global network, **to enable the efficient flow of goods** and services, linked to a secure flow of financing, **facilitated by a swift exchange of data**, so that all parties, including regulatory and Customs authorities, can work together to facilitate trade.

EXCERPT FROM KEYNOTE SPEECH
BY DEPUTY PRIME MINISTER HENG SWEE KEAT



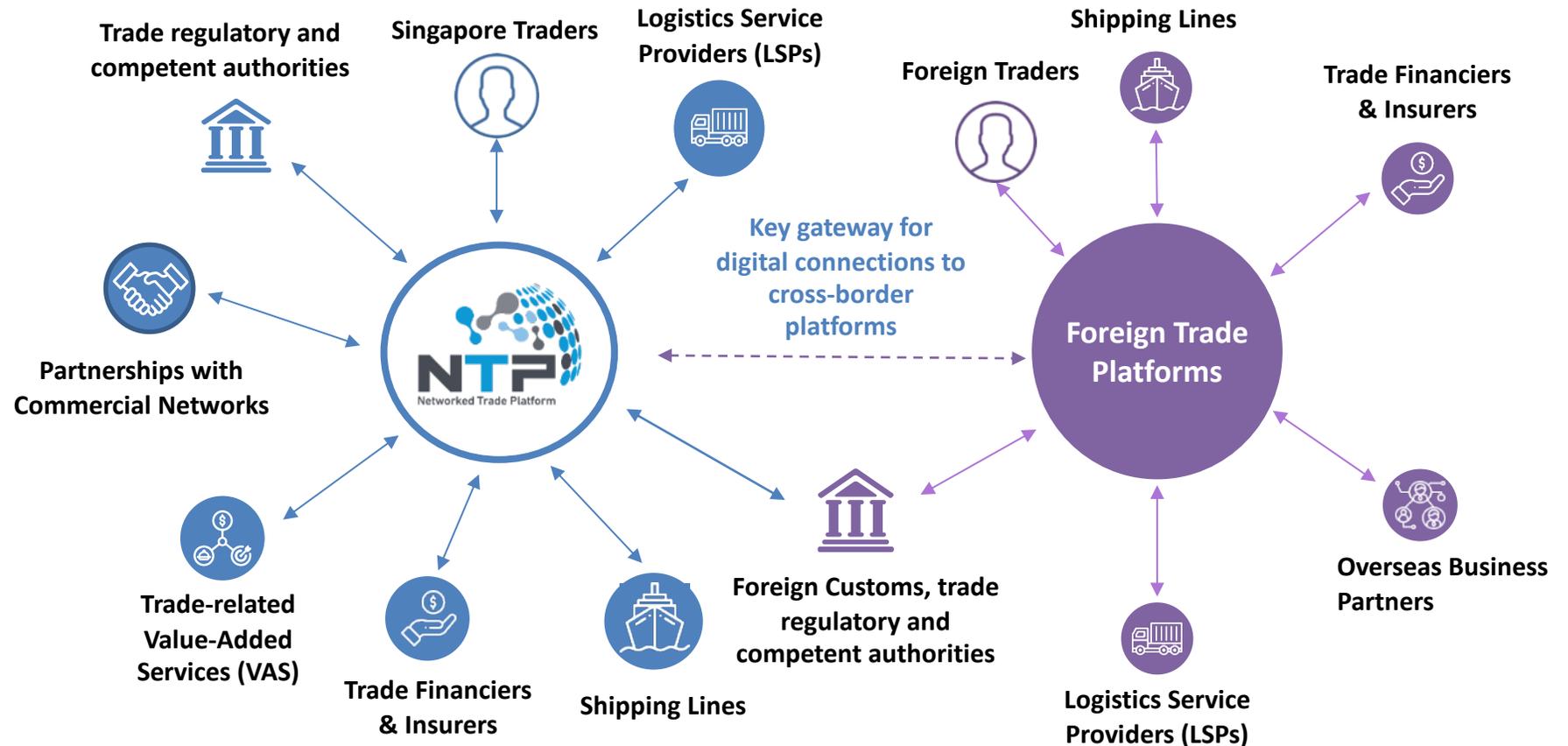
Introduction to the NTP

Enables Stakeholders to be Connected Across the Wider Trade Ecosystem Seamlessly



CONNECT

- **Minimise the cost and effort** to connect with your trade partners
- **Connect and collaborate locally and overseas** with new and existing partners
- **Apply for trade-related e-services directly** with Singapore Customs



NTP's Focus Areas

- **Focus Area #1:** Enhance Government to Government Digital Connectivity to facilitate trade clearance processes (G2G)
- **Focus Area #2:** Streamline Business and Government (B2G) processes
- **Focus Area #3:** Develop data services using trusted government data



Whole-of-Government (WOG) Support



THANK YOU



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Trade DX platform TradeWaltz from Japan

Operated by 16
Major Trade Industry
players of Japan

NTT DATA



TOKIOMARINE
NICHIDO

TOYOTA TSUSHO

TOYOSHIMA

株式会社 日新
NISSEI CORPORATION

UTokyoIPC
Innovation Platform for The University of Tokyo

KAMIGUMI

MUFG

Marubeni

Sumitomo Corporation

FUJITRANS

Mitsubishi Logistics

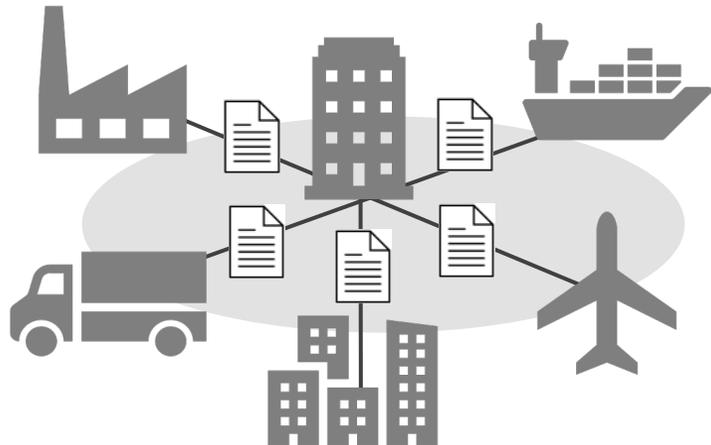
Mitsubishi Corporation

MITSUI-SOKO GROUP

SOMPO JAPAN

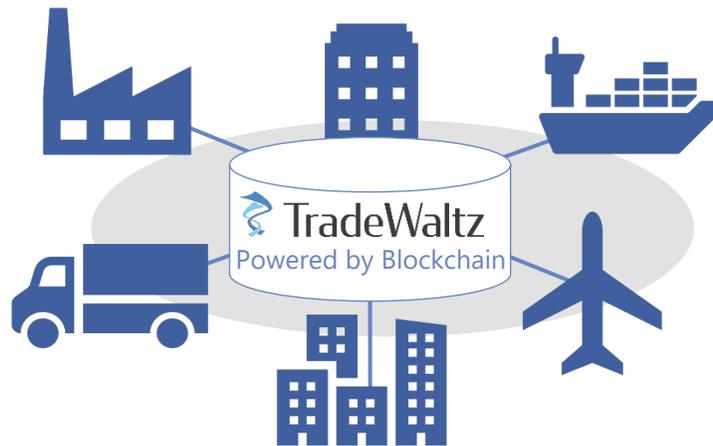
Leverage blockchain technology to streamline trade processes and digitize trade data across industries. Digitization not only improves work efficiency and allows employees to work from home, but also contributes to CO2 reduction.

Conventional analog trade



Paper-based communication

Future of digital trade



digital communication

Trade DX

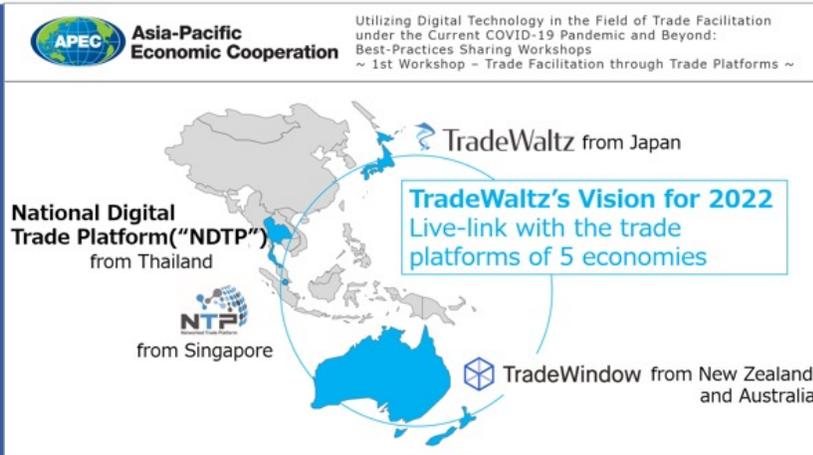
Benefit for "TradeWaltz" users

-  Increased Work Efficiency **44%**
-  Cost Reduction **44%**
-  Working from home
-  CO2 Reduction
Up to 431ton/year

ASEAN collaboration by TradeWaltz

Activities until 2022

API linkage with NDTP(Thailand) NTP(Singapore)



Request ASEAN 10 countries' collaboration



Meeting with Hun Sen -san, Prime Minister of Cambodia, 2022 chair of ASEAN

Activities in 2023 = 50th memorial of Japan-ASEAN friendship

Contribute to create ASEAN-Japan Economic Co-creation vision

ASEAN-Japan Economic Co-Creation Vision

- 4 Four pillars of action to realize the vision
 - 4.4 'Strengthening cyber-physical connectivity' through the development of physical and institutional economic infrastructure to build a seamless logistics network that will form the basis for the development of the ASEAN economies
 - Therefore, in terms of strengthening institutional connectivity for the development of the ASEAN-Japan economic infrastructure, ASEAN and Japan will take advantage of blockchain technology to promote the digitalization of trade procedures for the entire logistics, commercial, and financial flows to build resilient and highly efficient supply chains.

The 4th pillar states that ASEAN-Japan trade procedures will be digitized using blockchain technology.

MOU signed with 5 ASEAN platformers to realize Vision





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Social Benefit Estimation from Digital Trade

- The study finds that the social benefit of digital trade is **16.6 Billion USD per year** for ASEAN-Japan trade.
- As Tradewaltz's main shareholders are Japanese giant trading companies which play a very big role in Japan's entire trade system, collaborations with the digital trade platform could be a **low-hanging fruit** to quickly get the benefits.

【Social Benefit Estimation from Digital Trade】

※Definition of benefit: Reduction of cost (labor cost etc.) through digitalization of all of trade related documents at current trade volume

12.9
Billion USD



Intra-ASEAN

16.6
Billion USD



ASEAN-Japan

55.3
Billion USD



ASEAN-World

Other benefit from Digital Trade

- Increase accuracy and easy to store data
- Reduce the trade barrier, **especially for SMEs** (expectation of increased trade volume)
- Increase **supply chain resilience** through other functions such as CO2 visualizations
- Reduce energy and CO2 emission deriving from real document transport

Question 1

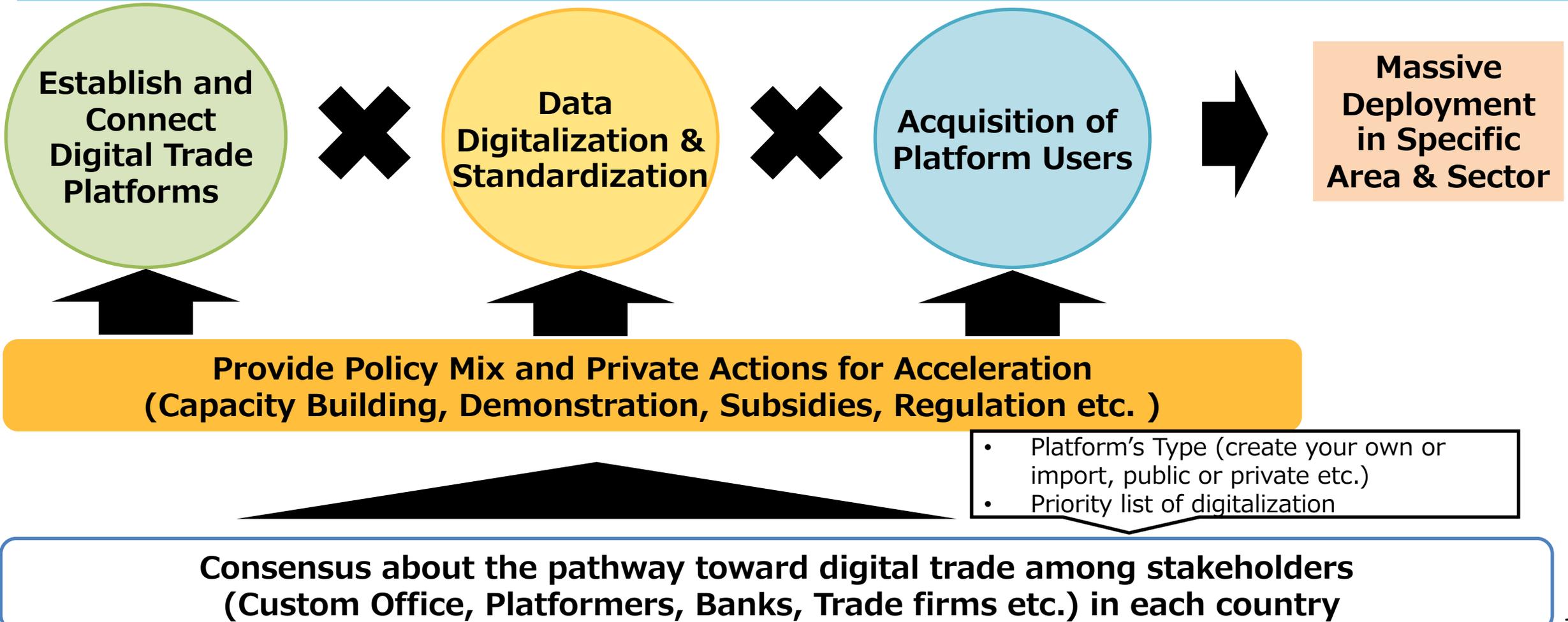
- What do you think about the importance of trade digitalization in your countries?
- What kind of positive impact on your countries (e.g., reducing the cost of trade procedures or building resilient supply chains) do you expect through trade digitalization?

Question 2

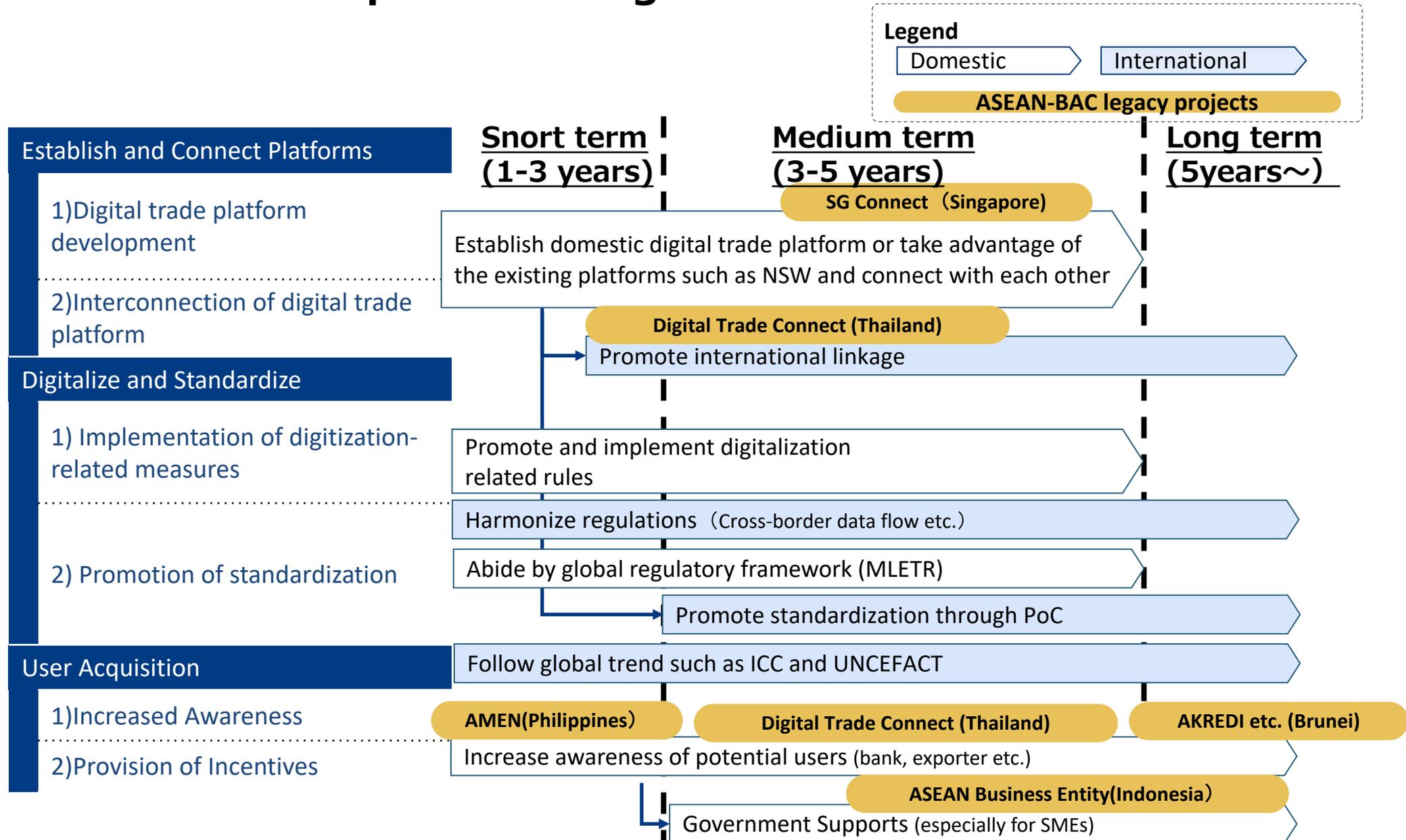
- How important is trade digitalization in ASEAN countries for your business and what kind of positive impact on your business do you expect from that?

Principle for Digital Trade and Consensus among Stakeholders

- Basic principle for the massive deployment of digital trade composes of three elements, which can be accelerated via policies and actions.
- However, the pathways are different for each country, so each pathway should be decided and shared through public-private collaboration



Overview of Roadmap toward Digital Trade



Question 3

- Including but not limited to these three factors, what are the important factors in your countries to accelerate trade digitalization?
- What are necessary policies and what would be the obstacles or challenges for trade digitalization?

Question 4

- How can ASEAN and Japan collaborate with each other to work on the tasks shown on the roadmap and accelerate trade digitalization?

Question 5

- How can you collaborate or work together with other overseas digital trade platforms?

Question 6

- What do you think both the government and platform providers should do to let more companies utilize platform services?

Question 7

- What should governments do to encourage more private companies in both ASEAN and Japan to work on trade digitalization?

ERIA and Digital Innovation and Sustainable Economy Centre

About ERIA

- Established in 2008 as an International Organization
- Member countries: 10 ASEAN countries and 6 ASEAN dialogue partners (AU, CN, IN, JP, KO, NZ)
- Three objectives: deepening economic integration, narrowing development gaps, and achieving sustainable economic development
- Conduct researches and make policy recommendations



About ERIA Digital Innovation and Sustainable Economy Centre (E-DISC)

- Launched in 2023 as a dedicated division within ERIA to catalyze digital innovation and a sustainable economy in ASEAN and East Asia
- Four goals: fostering public private dialogue, catalyzing regional open innovation, nurturing technological-savvy talent, and providing practical policy proposals
- The digitalization of supply chains in ASEAN and Japan is the first project of this centre



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