WCO-UNESCAP
5th UNNExT Masterclass: Facilitating Cross-border Paperless Trade using emerging technologies

19 – 28 September 2022
Seoul, Korea

Organized by

World Customs Organization
and

United Nations Economic and Social Commission for Asia and the Pacific

With the Support of

Korea Customs Service
CCF Korea
Ministry of Strategy and Finance, Republic of Korea
United Nations Network of Experts for Paperless Trade and Transport in Asia and the Pacific

The 5th UNNExT Masterclass, organized under the theme of **"Facilitating Cross-border Paperless Trade using emerging technologies"**, will provide an opportunity to build an in-depth capacity on implementation of cross-border paperless trade, including the application of emerging technologies to streamline cross-border trade transactions.

Tentative Programme

Day 0	(Sun. 18 September)

Arrival of participants at the Incheon International Airport and move to the **JK Blossom Hotel** in Seoul for the venue and accommodation.

Day 1	(Mon. 19 September)

10:00 – 10:30   **Registration**

10:30 – 12:00   **Opening Session**
Welcome Remarks
      Korea Customs Service

Opening Remarks
      WCO
      United Nations ESCAP
      WCO ROCB AP

Group Photo

Introduction to the Masterclass
Overview and Objective of the 5th UNNExT Masterclass
      WCO (Christian Lembke)
      United Nations ESCAP (Armen Manukyan)

Introduction to the WCO ROCB AP and Its Work Programme
      WCO ROCB AP (Ilkwon HAN)

Tour de table: Self-introduction of participants

12:00 – 13:30	Lunch Break

<center>**Session I**</center>

13:30 – 15:00   **Trade Facilitation and cross-border paperless trade: state of play in Asia and the Pacific**

      United Nations ESCAP (Yann Duval)

Q&A

15:00 – 15:20	Coffee Break

	Session II
15:20 – 17:00	**WCO Programmes on Cross-border Paperless Trade and Emerging Technologies** *WCO (Christian Lembke)* **The use of Emerging Technologies to Facilitate Trade and enhance Supply Chain Efficiency** *ITC (Raghad Al-Talli)* **Q&A**
Day 2	***(Tue. 20 September)***
	Session III

09:00 – 10:20	**Legal aspects of Cross-border paperless trade**
	
	TradeTrust: A Framework for Trade Document Digitalization at scale
	    IMDA (Kay Ren Yuh)
	
	Security and legal aspects of Cross-border paperless trade
	    UNCEFACT (Tahseen A Khan)
	
	Q&A

10:20 – 10:40	Coffee Break
	Session IV-a
10:40 – 12:00	**Streamlining Cross-border Trade Processes** Business Process Analysis (BPA) is a systematic method to analyze as-is trade procedures to identify issues and bottlenecks and designing improvement measures based on findings. The session will train how to conduct BPA at an organizational, sectoral, national or cross-border level to identify existing bottlenecks and come up with policy recommendations for streamlining trade processes, including the application of ICT. State of play in the Region & Introduction to Business Process Analysis (BPA) *United Nations ESCAP (Mr. Yann Duval)* *United Nations ESCAP (e-Learning)* **Q&A**
12:00 – 13:30	Lunch Break

13:30 – 15:00	**Session IV-b** **Streamlining Cross-border Trade Processes** Time Release Study (TRS) *WCO Expert (Changyeop LEE)* **Q&A**
15:00 – 15:20	Coffee Break
15:20 – 17:00	**Session IV-c** **Streamlining Cross-border Trade Processes** Business process modeling, analyzing findings of a BPA and drawing recommendations. Establishment of Groups and Instructions for exercises *United Nations ESCAP (e-Learning)* **Q&A**
17:30 – 20:00	**Welcome Dinner - "Barbecue Party" at the 16floor (Rooftop) of the Hotel**
Day 3	*(Wed. 21 September)*
09:00 – 10:20	**Session IV-Group Exercise** **Streamlining Cross-border Trade Processes** Establishment of Groups and Instructions for exercises Group Exercise on BPA *All*
10:20 – 10:40	Coffee Break
10:40 – 12:00	**Streamlining Cross-border Trade Processes** Group Exercise on BPA *All*
12:00 – 13:30	Lunch Break

13:30 – 15:00	**Session IV - Group Presentations** **Streamlining Cross-border Trade Processes** Group Presentation on BPA Exercise *All*
15:00 – 15:20	Coffee Break
15:20 – 17:00	**Session V** **Big Data and Its Application to Cross-border Paperless Trade** *WCO (Joel Choi)* *IBM (Shantanu Godbole)* **Q&A**
Day 4	(*Thu. 22 September*)
08:00 – 10:00 10:00 - 12:00	**Session VI -a** **Move to the RTC Korea** **Introduction to the CHRDI (RTC Kora)** **Single Window Implementation for Cross-border Paperless Trade** Recent Trend in Single Windows Development *WCO Expert (Mohamed Ziyad, Maldives Customs)* Single Window in the context of Maldives *WCO Expert (Mohamed Ziyad, Maldives Customs)* Single Window instruments for implementation *Korea Customs Service (Kyeyoung Kim)* **Q&A**
12:00 – 14:00	Lunch Break

	Session VI -b
14:00 – 15:20	Experience of Korea Customs Single Window: UNIPASS
	Korea Customs Service (Kyeyoung Kim)
	Q&A
	Assessment of National Single Window Readiness
	All
15:20 – 15:40	Coffee Break
15:40 – 16:40	*Visit to Customs Learning Center at CHRDI and Introduction to UNIPASS Learning System*
	- **Including VR experience**
	CHRDI (Mi Jang and Jiyun Jo)
16:40 – 17:00	*Recap of study in the first week and briefing on study for the second week*

Day 5	**(Fri. 23 September)**

Field Trip to Incheon Seaport and Express cargo clearance center
The trainees will make a field trip to witness and have hands-on experience on implementation of trade facilitation measures and return to the venue.

Day 6 ~ 7	**(Sat. 24 September ~ Sun. 25 September):**

Class Break (Self-learning by participants)
The class will break for rest and cultural experience. Participants would review materials learned on previous days and preview materials to learn in the remaining days.

Sunday:
Cultural day trip to Seoul city (Kyungbok Gung, Insadong, Nanta show, etc.)

Day 8	(Mon. 26 September)
	Session VII
09:00 – 10:20	**Emerging technologies and their application in Risk Management in the Context of Cross-border Paperless Trade and Single Window Environment**
	Oguz Onal, Risk Management Expert/International Consultant
	Q&A
10:20 – 10:40	Coffee Break
	Session VII-a
10:40 – 12:00	
	Blockchain & Technologically Innovative Solutions and its Application to Cross-border Paperless Trade
	Trade Waltz (Koutaro Hayashi)
	Morpheus Network (Dan Weinberger)
	Q&A
12:00 – 13:30	Lunch Break
	Session VIII-a
13:30 – 15:00	**Harmonizing Trade Data and Documents for Cross-border Paperless Trade**
	Introduction to data harmonization and modeling and step-by-step approach to data harmonization and modeling
	Special Advisor of UNNExT (Sangwon LIM)
	Q&A
15:00 – 15:20	Coffee Break
	Session VIII-b
15:20 – 17:00	**Harmonizing Trade Data and Documents for Cross-border Paperless Trade**
	Introduction to Standards for harmonization of trade data
	- WCO Data Model, Globally Networked Customs
	WCO (Christian Lembke)
	Q&A

Day 9	(Tue. 27 September)
09:00 – 10:40	**Session VIII-exercises** **Group Discussion and Exercise: Streamlining Trade Processes and Harmonizing Data for Cross-border Paperless Trade** *Sangwon LIM and Christian Lembke*
10:40 – 11:00	Coffee Break
11:00 – 12:00	**Session VIII-exercises** **Enabling Cross-border Trade Facilitation in Asia and the Pacific** *Sangwon LIM and Christian Lembke*
12:00 – 13:30	Lunch Break
13:30 – 15:00	**Session VIII-exercises** **Group Discussion and Exercise: Cross-border Paperless Trade using emerging technologies** *All*
15:00 – 15:20	Coffee Break
15:20 – 17:00	**Session VIII-exercises** **Group Discussion and Exercise: Cross-border Paperless Trade using emerging technologies (Cont'd)** *All*
Day 10	(Wed. 28 September)
09:00 – 10:30	**Session VIII -presentations** **Group Presentation: Cross-border Paperless Trade using emerging technologies** *All*
10:30 – 10:50	Coffee Break
10:50 – 12:00	**Session VIII-presentations** **Group Presentation: Cross-border Paperless Trade using emerging technologies (Cont'd)** *All*

12:00 – 13:30	Lunch Break
13:30 – 14:00	**Wrap-up** • Evaluation (ROCB AP, Pavida Tarapoom) The participants will review their understanding of topics covered in the Masterclass and evaluate overall organization of the Class to share their views for future improvement.

14:00 – 14:30	**Closing**
	
	Closing remarks
	     Korea Customs Service
	     WCO
	     UNESCAP
	     ROCB AP
	
	Delivery of Certificate
	For the participants completed all the programmes of the Class, an official certificate will be delivered.