

## WCO IT/TI Conference & Exhibition 2019

# **NEW** technologies for SMART borders opportunities for Trade, Travel and Transport

Explore the ways that modern technologies can lead to exciting possibilities for a whole-of-government approach at the border

Baku, Azerbaijan 12-14 June 2019

A three day conference focusing on exploring the role of technologies at the border



Hosted by:

State Customs Committee, Republic of Azerbaijan



Organized by:

World Customs Organization (WCO)



Supported by:

Korea Customs Service (KCS)

#### Who will attend:

Customs authorities, representatives from border regulatory agencies, the IT sector, the broader business community, governmental and trade organizations, development partners, academia and others involved in the international trade arena.

For further information about the Conference visit the WCO events website: http://www.wcoomd.org/en/events/upcoming-events/itti-conference-2019.aspx

# **Conference Agenda**

## Tuesday, 11 June

10.00 – 19.00 Boulevard Hotel

Registration

19.00 – 21.00

Heydar Aliyev Center Welcome reception (Sponsored by S2 Global - AS&E - Rapiscan)

## Wednesday, 12 June

8.00 – 18.00	Registration		
9.00 – 9.45 Auditorium hall, Heydar Aliyev Center	Official Opening Ceremony:		
	Master of Ceremony: Ms. Saida Shafiyeva		
	High Level Official from the Government of the Republic of Azerbaijan		
	Mr. Safar Mehdiyev, Chairman of the State Customs Committee, Azerbaijan		
	Mr. Taeil Kang, Director General of Information and International Affairs Bureau, Korea Customs Service		
	Dr. Kunio Mikuriya, Secretary General, WCO		
9.45 – 10.30 Auditorium hall	Honourable Guest		
	Prof. Eric Maskin, Nobel laureate in Economics		
10.30 – 10.45 Auditorium hall	Keynote speech: Mr. Jonathan Fleming, President, S2 Global - AS&E- Rapiscan		
10.45 – 11.45	VIP Tour & Press Conference	Refreshment & Contact Break (Sponsored by Webb Fontaine)	
11.45 – 12.00 Auditorium hall	Keynote speech: Honourable Prof. Edward Scicluna, Minister of Finance of Malta		
12.00 – 12.15 Auditorium hall	Keynote address: Mr. Sheng Kai, Vice President, Global Government Affairs, Huawei		
12.15 – 14.15 Exhibition hall, Heydar Aliyev Center	Networking lunch (Sponsored by Nuctech)		

### Plenary session 1: Reshaping policies for technology-advanced trade

Technology-enabled trade, such as E-Commerce, is already reshaping Customs and government policies and procedures. Devices such as drones and 3D printers are showing signs of potentially impacting the operation of Customs and other border agencies. What are the expected implications? On the other hand, how can governments reap the benefits of technologies such as blockchain, artificial intelligence and cloud computing towards boosting cross-border trade? Have strategies for digital transformation been adjusted to the accelerated pace of change?

<u>Moderator</u>: Mr. Christopher Clague, Managing Editor, Trade & Globalisation, The Economist Asia

14.15 - 15.45

Speakers:

Round table

Dr. Kunio Mikuriya, Secretary General, WCO

**Auditorium hall** 

Mr. Benedetto Mineo, Director General, Customs and Monopolies Agency, Italy

Mr. Minh Doan, Vice President and Chief Information Officer, Canada Border Services Agency

Mr. Ulrik Vestergaard Knudsen, Deputy Secretary General, OECD

Mr. Richard Morton, Secretary General, IPCSA

Mr. Tom Isherwood, Partner in the Middle East Office, McKinsey & Company

15.45 – 16.15 Exhibition hall

Refreshment & Contact Break (Sponsored by Bureau Van Dijk)

16.15 – 16.30 Auditorium hall

Keynote speech: Mr. Shangmin Sun, Vice President, Nuctech

16.35 – 18.00 Panel Sessions According to the WTO World Trade Report 2018, blockchain is one of the four technologies that has the potential to profoundly transform the way we trade, who trades and what is traded. Amongst other stakeholders, Customs administrations are involved in a number of pilots and proof of concepts for the use of this technology. A panel will explore some key considerations and steps to be

Stream A: Paving the way for blockchain

technology - a step-by-step approach

Robotics, drones and other advanced technology solutions are progressively used to secure and facilitate the cross-border flows of

technologies to secure and facilitate trade

goods, people and means of transport. Are Customs and other border agencies utilizing the full potential of these technologies?

Stream B: Exploiting cutting-edge

**Auditorium hall** 

enabler.

Interpretation in English, French, Russian and Azerbaijani

taken when using a blockchain as a business

Multifunction hall C
Interpretation in English and French

Moderator: Ms. Zhang Shige, Senior Trade Expert, Huawei Technologies

#### Speakers:

Mr. Jonathan Page, Liaison Officer and First Secretary, Canada Border Services Agency

Mr. Solomon Raj Joseph, Product Director, GeTS / CrimsonLogic

Mr. Seung Yeob Han, Senior Consultant in Cello Platform Team managing projects regarding Al and Blockchain, Samsung SDS

Mr. Todd Scott, VP of Global Trade, IBM

Moderator: Mr. Christopher Clague, Managing Editor, The Economist Asia

#### Speakers:

Mr. Bo Yang, General Manager of Nuctech Asia & CIS

Ms. Susana Wong Chan, Researcher, University of Lausanne and Cross-Border Research Association (CBRA)

Mr. Nico De Cauwer, Senior Business Architect Digitalisation & Port Community Projects, Antwerp Port

Mr. Frank Heijmann, Head of Trade Relations, Dutch Customs

Mr. Samir Mammadov, Specialist | Information Technologies Unit, Benish GPS

19.00 – 22.30 Buta Palace GALA DINNER (Sponsored by the State Customs Committee, Azerbaijan)

## Thursday, 13 June

8.30 – 18.00 Registration

**Keynote Speech:** 

8.45 – 9.30 Auditorium hall

**Honourable Guest** 

Prof. Edward Prescott, Nobel laureate in Economics

9.30 – 9.45 Auditorium hall

Keynote Speech: Mr. Kok Keong Chong, CEO, GeTS / CrimsonLogic

# Plenary session 2: Border management response to green transport and logistics of the future

9.45 – 11.00

Panel Session

Auditorium hall

Shippers and logistics operators more commonly opt for Internet of Things (IoT) technologies to ensure better customer service and increased competitiveness for their businesses. A tendency towards greener, safer climate solutions with lower CO<sub>2</sub> emissions shows a steady trend, supported by actions towards implementing the UN Sustainable Development Goals. This session will explore to what extent Customs and other border agencies can leverage information collected through smart devices to support carriers and logistics companies to move goods swiftly and in a more environmentally-friendly manner across borders.

Moderator: Mr. Gareth Lewis, Senior Advisor, TTEK Inc.

Speakers:

Mr. Frank Heijmann, Head of Trade Relations, Dutch Customs

Mr. Igor Zula, President, Slovenian Logistic Association
Mr. Axel Klein, Senior Manager Customs & Authorities, Lufthansa Cargo
Ms. Tara Shirvani, Principal Sector Leader for Sustainable Transport,
European Bank for Reconstruction and Development (EBRD)

## 11.00 – 11.30 **Exhibition hall**

### Refreshment & Contact Break (Sponsored by Smiths Detection)

#### Stream C: Cutting red tape with connected Stream D: Exploring the potential of machine devices - leveraging the Internet of Things learning, the benefits of centralized NII image interpretation and the human competencies to Suppliers and consumers are digitally connecting unleash the full potential of technology in real time. Multinationals are using IoT technologies and collecting information about Customs administrations worldwide aim at goods in real time, from origin to destination. The deploying solutions that save time and resources question is how Customs and other border and assist them in performing their functions agencies can benefit from this information, and effectively. Are Customs fully aware of the potential of machine learning? In what setting based on integrated supply chain management principles, ensure that trade facilitation and would centralized NII image interpretation work security requirements in the movements across best? And does Customs staff possess the borders are met. knowledge and skills to reap real benefits from the latest technological solutions? **Auditorium hall** Multifunction hall C Interpretation in English, French, Russian and Interpretation in English and French Azerbaijani 11.30 - 13.00Moderator: Ms. Lisa McAuley, CEO, Global Moderator: Ms. Melissa Odegaard, Director of **Panel Sessions** Trade Professionals Alliance (GTPA) Marketing, S2 Global Speakers: **Speakers**: Mr. Henk Mulder, Head, Digital Cargo, IATA Mr. Wilhelmus Van Heeswijk, Policy Officer, Unit A3 Risk Management and Security, DG Mr. Frank Callewaert, Global Technology TAXUD, EU Strategist, Microsoft Mr. Joris Groeneveld, Senior Advisor X-ray Ms. Bénédicte Meille. Bureau International scanning and radiation detection, Dutch des Containers (BIC), Representative to the Customs **World Customs Organization** Ms. Zhao Huan, Deputy Director General of Mr. Patrik Jonasson, Director Public Policy, Science and Technology Department, General Asia – Pacific, GS1 Global **Administration of China Customs** Mr. Wu Youyi, CIO of the General Administration of China Customs Mr. Garret K. Reinhart. Branch Chief. Non-Intrusive Inspection (NII), U.S. Customs and **Border Protection**

13.00 – 14.00 **Exhibition hall** 

Networking lunch (Sponsored by GeTS / CrimsonLogic)

14.00 - 16.00

Continuous coffee break (Sponsored by SICPA)

	TECHTALKS				
	TechTalk 1	TechTalk 2	TechTalk 3	TechTalk 4	
	Auditorium hall	Multifunction hall A	Multifunction hall B	Multifunction hall C	
English, Fren	English, French, Russian and Azerbaijani				
English and F	rench				
English					
	Moderator: Ms. Milena Budimirovic, Acting Deputy Director, Compliance and Facilitation Directorate, WCO	Moderator: Ms. Vyara Filipova, Technical Attaché, Compliance and Facilitation Directorate, WCO	Moderator: Ms. Lazzat Daniyarova, Professional Associate, Compliance and Facilitation Directorate, WCO	Moderator: Mr. Jonathan Page, Liaison Officer and First Secretary, Canada Border Services Agency	
14.00 – 14.30	Mr. Frank Callewaert, Global Technology Strategist, Microsoft "Advanced Technologies for adopting a Risk management strategy"	Mr. Ruggero Milanese, Director Product Marking & Traceability Solution, SICPA "Facilitating document and physical inspection of excisable goods"	Mr. Mazen Abu Alghanam, Business Development Manager, Webb Fontaine "Innovative Solutions for Customs Systems Enhancement"	Mr. David Avsec, Products and Accounts Coordinator, UPU "The UPU Customs Declaration System – Update"	
14.30 – 15.00	Ms. Neelima Pamulapati, Technology consultant, GeTS / CrimsonLogic  "Single Window: It's time to embrace technology convergence"	Mr. Zhu Dan, President of Government Affairs Business, Huawei  "New technologies (Big Data, Al, Video, 5G) enable smart border management"	Mr. Jonathan Koh, Senior Advisor, Nuctech "Nuctech's SMART border for cargo, passenger and transport - practical implementations and best practices"	Mr. Chris Thibedeau, CEO Mr. Mike Squirrell, CTO, TTEK  "Advancements in Customs Risk Analytics: NTC and PCA approaches to identify fiscal and non-fiscal threats"	
15.00 – 15.30	Mr. Viboon Chaojirapant, Director of Product Development, vCargo Cloud "Facilitating Crossborder Transit with CamelONE™"	Mr. Vytautas Vitkauskas, General manager, INTA  Mr. Donatas Limantas, Director of Projects Department, INTA  "Advanced training for cargo scanner images analysis and threat objects recognition"	Mr. Sandeep Vedantam, Lead - Aviation Solutions, TrackIT  "EnTrackBag: Suspect Bag Tracking system for customs – Deliver Superior Passenger Experience while enhancing security in international arrival airports"	Mr. Joe Reiss, Vice President of Product Management & Marketing, Rapiscan Systems   AS&E Mr. Chris Hogg, Director of Global Software Engineering, Rapiscan Systems   AS&E	

				V.35
				Mr. Randall Barnby, Director of Business Development, S2 Global
				Mr. Gary Heffner, Director of Training, S2 Global
				"Achieving operational excellence with advanced security technology, data integration, and training"
15.30 – 16.00	Prof. dr. Yao-Hua Tan, Professor of Information and Communication Technology, Department of Technology, Policy and Management, Delft University of Technology "Data Analytics	Mr. Michael Dill, Senior Consultant for eBusiness projects, CEO of GEFEG Mr. Kagisho Ramatsa, eBusiness Consultant, GEFEG "WCO Data Model – how the lingua franca of eCustoms	Mr. Jan ten Have, Manager, IT Systems, Dutch Customs  "Safer supply chain by diagonal supervision"  Ms. Laurence Levesque, Product Manager Customs & Security, CHAMP	Mr. William Prevost, Ports and Borders Solutions Manager, Cotecna "Shaping Technologies for SMART Borders"
	Innovation for Customs Risk Targeting"	fits with Azerbaijan cross border document requirements"	Cargosystems  "Border management, connecting the dots in Air Transport"	

### Plenary session 3: Smart airports for seamless travel

According to the International Air Transport Association (IATA), in 2016 there were a staggering 3.8 billion air travelers, a number it predicts will balloon to 7.2 billion passengers by 2035—a near doubling of current levels. Large airports are increasingly introducing innovation and technology that is changing the way we work, move, purchase goods etc. Are Customs and border agencies keeping up with these changes and making full use of API/PNR, biometrics, robotics and other technological and other developments that can speed up the movement of passengers?

16.05 – 17.50 Round table Auditorium hall

<u>Moderator</u>: Ms. Milena Budimirovic, Acting Deputy Director, Compliance and Facilitation Directorate, WCO

Speakers:

Mr. Felipe Mendes Moraes, Fiscal Auditor, Brazil Customs

Mr. Falah Alsammak, Senior Manager Airport Terminal 2, Dubai Customs, UAE

Mr. David Coyles, Counsellor Customs, Australian Embassy in Brussels

Mr. Timothy Norton, Global Market Director, Ports & Borders, Smiths Detection

Mr. Vladimir Gjorgjiev, Chief of Mission, International Organization for Migration Azerbaijan

19.00 – 22.30 Bilgah Beach Hotel

**DINNER (Sponsored by Korea Customs Services)** 

## Friday, 14 June

9.30 – 9.45 Auditorium hall	Keynote Speech: Ms. Ivonne Higuero, Secretary-General, CITES Secretariat
9.45 – 10.00 Auditorium hall	Keynote Speech: Mr. Timothy Norton, Global Market Director, Ports & Borders, Smiths Detection
10.00 – 10.15 Auditorium hall	Keynote Speech by an Inspirational Speaker: Mr. Ilham Zakiyev, Paralympic judoka champion

# Plenary session 4: Innovative solutions for safer and more sustainable trade

Millions of specimens from all species of fauna and flora are exploited for a profit estimated at \$91-258 billion USD per year. Many of these are illegally exported. On the other hand, trafficking of cultural objects has gained the attention of senior policy makers and law enforcement officers around the world, particularly due to its links with money laundering and terrorist financing. Similarly, the high volumes and increasingly sophisticated nature of trade in counterfeit and pirated goods pose serious concerns. The enforcement community is increasingly turning towards technologies to support the combatting of these types of illegal trade. Is there a sufficient level of awareness of the latest available technological solutions and of the benefits they offer?

10.15 – 11.30

<u>Moderator</u>: Mr. Mazen Abu Alghanam, Business Development Manager, Webb Fontaine Group

Panel Session
Auditorium hall

### **Speakers:**

Mr. Dingani Banda, Commissioner Modernisation and Corporate Strategy, Zambia Revenue Authority

Mr. Jon Godson, Assistant Director, IATA

Mr. Satya Prasad Sahu, Senior Trade Facilitation Specialist, World Bank Group

Mr. Maqbool Lalljee, Director Tax Solutions Specialist, Bureau Van Dijk

Ms. Vrinda Gohil, Indian Customs Attaché in Moscow

	V.35
11.30 – 12.00 Exhibition hall	Refreshment & Contact Break (Sponsored by Microsoft)
	Plenary session 5: Transport industry committed to the future
	Self-driving trucks, port community systems, smart containers and Virgin Hyperloop One are just a few of the innovations introduced by the transport Industry. What are the implications for border processes and procedures in the future? Likewise, how can innovative solutions for the more traditional modes of transport help meet the Customs and other border agencies' requirements?
12.00 – 13.15	Moderator: Mr. Jonathan Sessanga, Principal Customs Officer, Information Technology, East African Community
Panel Session	<u>Speakers</u> :
Auditorium hall	Mr. Vladimir Zubkov, Secretary General, TIACA
	Mr. Jalal Benhayoun, CEO, PORTNET, Morocco
	Mr. Thomas Bagge, CEO and Statutory Director, Digital Container Shipping Association
	Ms. Magda Hugo, Services and Customs Executive, Global Trade Solution
13.15 – 13.30 Auditorium hall	Conclusions
13.30 – 15.00 Exhibition hall	Lunch (Sponsored by Huawei)