

ASEAN-Australia Digital Trade Standards (DTS) Initiative

Effective Mirror Committees

WORKSHOP 3

15 SEPTEMBER 2021

STANDARDS
Australia



Australian Government

Department of Foreign Affairs and Trade



THE AUSTRALIAN
APEC STUDY CENTRE

Asia-Pacific
Economic Cooperation

In partnership with



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ASEAN-Australia Digital Trade Standards (DTS) Initiative

The **DTS Initiative** is aimed at expanding bilateral political and economic linkages between ASEAN and Australia and strengthening ASEAN-Australia's contribution to regional security and prosperity. This initiative seeks to raise awareness on the role of international standards and address the key factors which enable and inhibit digital trade across ASEAN and Australia.

Under Year 3 of the program, Standards Australia is leading a set of workshops through 2021 in collaboration with ASEAN National Standards Bodies (NSBs) and their stakeholders to progress the work achieved to date.

Workshop 1 – Senior Management Masterclass

The first workshop was held on 31 March 2021. This event focused on equipping senior NSB management to foster support for DTS from senior ministry and regulatory authorities and to build the profile of the NSB under the context of digital trade

Workshop 2 – A Deeper Dive into DTS

The second workshop helped deepen attendees' understanding of the role they can play in shaping standards and the importance of ASEAN's involvement. Attendees heard from a range of experts about their experience actively participating in the development of digital trade standards and the benefits of this involvement.

This Workshop – Effective DTS Mirror Committees

This workshop will explore how experts and standards bodies can best work together to shape digital trade standards, with presentations from committees on:

- Systems and software standards for Very Small Entities
- Blockchain and distributed ledger technologies
- Transaction assurance in E-commerce

It will also include presentations from ISO and IEC on how international organisations can support national participation.

This event is open to anyone interested in digital trade standards, including government and trade representatives, technical experts, national standards bodies, industry and civil society organisations, and more.

Remaining 2021 Workshops

Workshop 4 Digital Trade Standards Distribution and Outreach – 8 December 2021

Digital Trade – What is it?

The term ‘digital trade’ is all too often used interchangeably with that of ‘e-commerce’, or other similar proxies. In fact, digital trade has far broader scope, encompassing the increasing digitalization of almost all economic and social sectors, the use of digital technologies in supply chains and logistics, the invention of new, commercially valuable communications and market access channels, and the value of the data that is created, transferred, and processed.

We consider digital trade to include the following:

Digital goods and services	Digital delivery of tangible goods and services	Digital enablers of trade	Emerging transformative digital technologies
<p>Digital goods are those that are stored, delivered and used in electronic format.</p> <p>Digital services that are delivered via the Internet (and typically accessed via platforms or email), or an electronic network.</p> <p>Examples:</p> <ul style="list-style-type: none"> • Data management and analysis • Email and electronic messaging • Apps and software • Social media • Video telephony services 	<p>Delivery and purchase of a product can be online/via a digital platform (either fully or in part), but the good or service is consumed physically.</p> <p>Examples:</p> <ul style="list-style-type: none"> • Online travel booking services • Online banking • eBooks • Online standardised testing • Entertainment content 	<p>Hard and soft infrastructure, (cables and wires, platforms and devices) to regulations that protect data and IT systems which support digital trade transactions.</p> <p>Facilitate trade ‘invisibly’ to provide greater efficiencies, security, transparency and traceability (auditability) for transactions.</p> <p>Examples:</p> <ul style="list-style-type: none"> • Wireless and 5G • Digital Identity • Cyber security • Privacy/Data Protection • Digital payment systems 	<p>Technologies that are transforming or have the potential to transform aspects of trade practices.</p> <p>Examples:</p> <ul style="list-style-type: none"> • Artificial Intelligence (AI) • Internet of Things (IoT, digitally enabled and connected devices) • Distributed ledger technologies (blockchain) • Additive manufacturing and 3D printing

Agenda: Effective Mirror Committees



Zoom line opens: 9:45am ICT | 12:45pm AEST

Time	Speaker	Topic
10:00am ICT 1:00pm AEST	Torrin Marquardt International Engagement Manager, Standards Australia	<i>Opening Remarks</i>
10:05am ICT 1:05pm AEST	Brendan Slowey International Learning Specialist, Standards Australia	Recap from Workshop 2
10:15am ICT 1:15pm AEST	Yi Li Heng Secretary for Singapore's National Mirror Committee to ISO/TC321, Transaction assurance in E-commerce	National Best Practice: Presentations on the responsibilities of national mirror committees and how technical experts and National Standards Bodies can effectively work together on the development of DTS.
10:25am ICT 1:25pm AEST	Prakit Sangpar Advisor of Digital Industry Club, The Federation of Thai Industries and Member of Thai National Committee of Software and Systems Engineering	
10:35am ICT 1:35pm AEST	Emily Dawson Committee Manager of ISO/TC307, Blockchain and Distributed Ledger Technologies and Independent Facilitator, Standards Australia	
10:45am ICT 1:45pm AEST	Q&A with speakers	
10:55am ICT 1:55pm AEST	Ike Permati Sari Regional Coordinator, Asia and the Pacific, ISO	International Support: Presentations from ISO and IEC on how they can provide support to participate in DTS.
11:05am ICT 2:05pm AEST	Dennis Chew Regional Director, IEC Asia-Pacific Regional Centre (IEC-APRC)	
11:15am ICT 2:15pm AEST	Q&A with speakers	
11:25am ICT 2:25pm AEST	Torrin Marquardt International Engagement Manager, Standards Australia	<i>Closing Remarks</i>

Speakers



Ms Torrin Marquardt

International Engagement Manager, Standards Australia

Torrin Marquardt has been with Standards Australia for over six years. In her current role as International Engagement Manager, Torrin's responsibilities encompass international policy and development management. This includes the design and implementation of standards related capacity building projects (primarily in the Pacific and Southeast Asia), strategic support for Australia's governance and policy positions at regional and international bodies, and ongoing engagement with National Standards Bodies and governments globally.



Mr Brendan Slowey

International Learning Specialist, Standards Australia

Brendan has been a learning specialist with Standards Australia for two years. He is responsible for designing, developing and delivering learning solutions for Standards Australia's International Engagement and Strategic Initiatives teams. This included the 2019 capacity building workshops under the ASEAN-Australia DTS Initiative.



Yi Li Heng

Secretary for Singapore's National Mirror Committee to ISO/TC321, Transaction assurance in E-commerce

As an officer in the Standards Division of Enterprise Singapore, the National Standards Body of Singapore, Yi Li supports Singapore's participation in the ISO/TC321 Transaction Assurance in E-commerce. She is the secretary for the National Mirror Committee monitoring ISO/TC321's work and provides secretariat support to the Singapore-led ISO/TC321/Study Group 1 Survey.



Emily Dawson

Committee Manager of ISO/TC307, Blockchain and Distributed Ledger Technologies and Independent Facilitator, Standards Australia

Emily is an Independent Facilitator at Standards Australia, with over 5 years of experience in national and international standards development. She is the Committee Manager of ISO/TC307, Blockchain and distributed ledger technologies, which has now published four international standards. At the national level, Emily has managed national mirror committees in areas such as organizational governance and security and resilience.



Prakit Sangpar

Advisor of Digital Industry Club, The Federation of Thai Industries and Member of Thai National Committee of Software and

Systems Engineering

Prakit is Advisor of the Digital Industry Club under the Federation of Thai Industries and also participates on Thailand's National Mirror Committee on software and systems engineering. He is the Thai delegate on the international committee ISO/IEC JT C1/SC7 Working Group 24 on software and systems engineering for very small entities (VSEs) responsible for the ISO/IEC29110 series of standards. In addition, Praktit is Project Director of the Standardization Supporting Program for SMEs in the digital industry which has been attended by more over 300 SMEs in the past three years.



Ike Permati Sari

Regional Coordinator, Asia and the Pacific, ISO

Ike has recently joined ISO as the Regional Coordinator for Asia and the Pacific, under the Membership and External Relations Unit.

She comes from a rich background in standards development, having worked for Indonesia's National Standards Body, BSN, from 2009 to 2021. During this time her roles included Sub-Coordinator of Foreign Coordination, Head of Sub-Division of Multilateral and International Cooperation, and Analyst of Multilateral and International Cooperation.

Prior to this Ike was an intern at ISO, the Permanent Mission of Indonesia in Geneva, and the Cite Universitaire de Geneve.

Ike holds a Masters in Standardization, Social Regulation and Sustainable Development from the University of Geneva, Switzerland and a Bachelor in Industrial Engineering from the University of Diponegoro, Semarang, Central Java, Indonesia.



Dennis Chew

Regional Director, IEC Asia-Pacific Regional Centre (IEC-APRC)

Dennis Chew heads the IEC Asia-Pacific Regional Centre which has two key objectives of supporting the IEC community in the Asia and Asia-Pacific region and management support to IEC Technical Committees/Subcommittees. He was the first Technical Officer located in the region to provide project and process management support to the IEC Technical Committees (TCs) and Subcommittees (SCs) when this function was added to the IEC-APRC in 2005. The team at IEC-APRC has since expanded and currently supports more than 70 IEC Technical Committees and Subcommittees and its Technical Officers serve as the Secretary to the IEC SMB's Advisory Committee on Electricity Transmission and Distribution and the Advisory Committee on Energy Efficiency.

He has been actively involved in international and regional standardization and related activities for about 20 years. He represents IEC in numerous regional fora, meetings and seminars to promote and encourage the use and acceptance of IEC international standards and conformity assessment systems as win-win solutions by industry and government bodies. In addition, he is very much involved in the training of experts on IEC standards development process to support their participation in developing IEC International Standards.

Prior to joining the IEC, he was Head of Planning and International Policy at SPRING Singapore (now Enterprise Singapore) where he was actively participating in the development and implementation of the ASEAN Harmonized Regulatory Regime for Electrical and Electronic Equipment, regional Mutual Recognition Arrangements and the regional harmonization of standards and regulatory requirements. These experiences have given Dennis extensive knowledge and experience on technical regulations, standards and conformance infrastructure and developments in APEC and ASEAN.

Remaining 2021 Workshops

Workshop 4 – Digital Trade Standards Distribution and Outreach

8 December 2021

Key Project Contacts

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