



Food and Agriculture
Organization of the
United Nations



International
Plant Protection
Convention



Department
for Environment
Food & Rural Affairs

Overview of the WCO tools on E-commerce

E-commerce and trade: a global perspective

London, 21 – 23 September 2022

International Plant Health Conference





The WCO

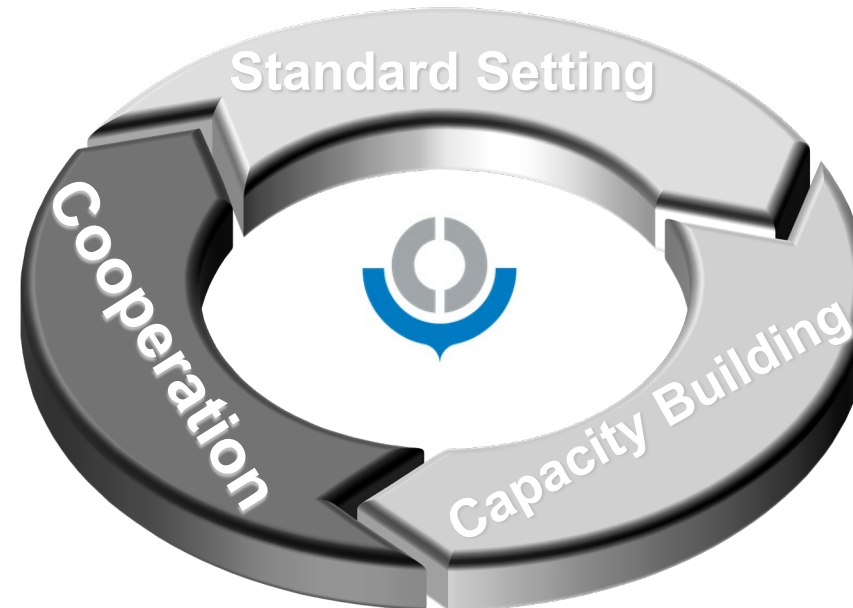
- Independent intergovernmental organization exclusively focused on Customs matters
- Established in 1952 as the Customs Co-operation Council
- 184 Member Customs administrations
- Mission - The WCO develops international standards, fosters cooperation and builds capacity to facilitate legitimate trade, to secure a fair revenue collection and to protect society, providing leadership, guidance and support to Customs administrations



Key functions of the WCO



- Conventions (HS, RKC, etc.)
- FoS, Guidelines, Compendia, Study Reports
- WCO Data Model

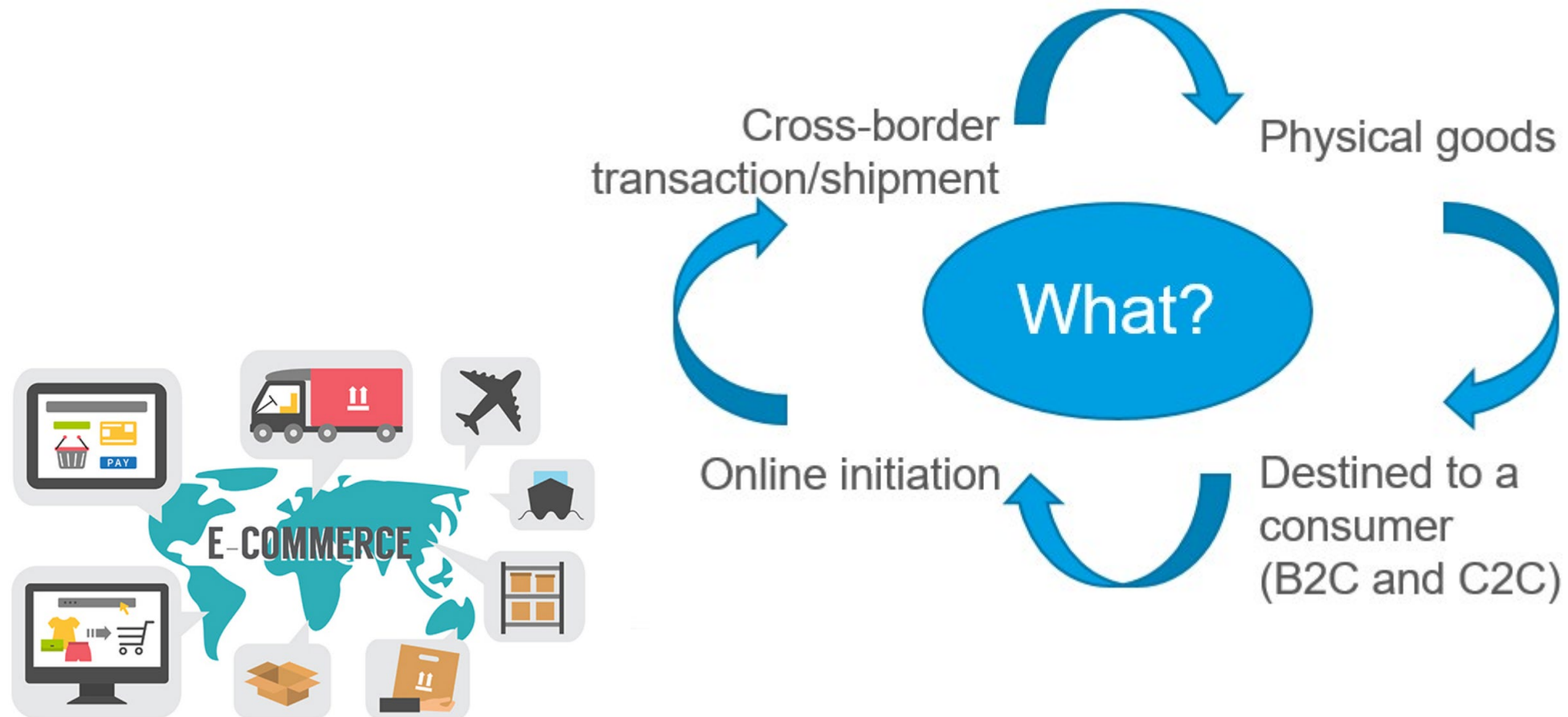


- Other IOs, private sector

- Network of accredited experts from Customs Administrations
- Donor engagement



Cross-Border E-Commerce – the WCO Perspective



WCO Discussions on cross-border e-commerce



- ☐ Multi-stakeholder
 - ☐ Cross- cutting issues
 - Facilitation & control
 - Revenue collection
 - ☐ Collaborative solutions
 - Develop framework / recommendations / guidelines
- E-Commerce Package**
- ☐ Collection and dissemination of Members' practices and initiatives



WCO E-Commerce Package

<http://www.wcoomd.org/en/topics/facilitation/instrument-and-tools/frameworks-of-standards/ecommerce.aspx>



Framework of Standards on Cross-Border E-Commerce (June 2018)



Tools supporting the implementation of the E-Commerce FoS

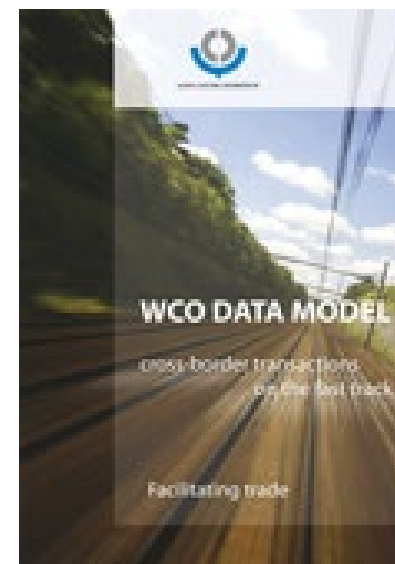
- ☐ Technical Specifications and related documents (June 2019 & Dec 2020)
 - Definitions
 - E-commerce Business Models
 - E-commerce Flow Charts
 - Reference Datasets for E-Commerce
 - Revenue Collection Approaches
 - E-Commerce Stakeholders
 - Implementation Strategy, Action Plan and Capacity Building Mechanism
- ☐ Resolution on the Guiding Principles for Cross-Border E-Commerce (December 2017)
- ☐ Resolution on the Framework of Standards on Cross-Border E-Commerce (June 2018)
- ☐ WCO Study Report on E-Commerce (March 2017)
- ☐ Compendium of Case Studies on E-Commerce
- ☐ KPIs for the E-Commerce FoS implementation
- ☐ Secretariat Notes



Other WCO tools supporting E-Commerce



- ☐ Immediate Release Guidelines
- ☐ SAFE Package
- ☐ WCO Data Model
- ☐ Data Analysis Practitioner's Handbook
- ☐ Risk Management Compendium*
*Access to Volume II is restricted to Members only
- ☐ Single Window Compendium
- ☐ WCO UPU Postal Customs Guide
- ☐ Joint WCO-UPU Guidelines on the exchange of electronic advance data between Post and Customs
- ☐ Guidelines on Customs - Tax Cooperation



WCO and Cross-Border E-Commerce



8 Principles of the E-Commerce FoS



1. Advance Electronic Data and Risk Management
2. Facilitation and Simplification
3. Fair and Efficient Revenue Collection
4. Safety and Security
5. Partnerships
6. Public Awareness, Outreach and Capacity Building
7. Measurement and Analysis
8. Leveraging Transformative Technologies





E-Commerce FoS : 16 Standards

- **Advance Electronic Data and Risk Management**

Standard 1: Legal Framework for AED
 Standard 2: Use of International Standards for
 Standard 3: Quality of Data
 Standard 4: Risk Management
 Standard 5: Use of Non-Intrusive Inspection
 Technologies and Data Analytics

- **Facilitation and Simplification of Procedures**

Standard 6: Simplified Clearance Procedures

- **Fair and Efficient Revenue Collection**

Standard 8: Models of Revenue Collection and offer
 electronic payment options
 Standard 9: De Minimis

- **Safety and Security**

Standard 10: Prevention of Fraud and Illicit
 Trade
 Standard 11: Inter-Agency Cooperation and
 Information Sharing
 Standard 16: Explore Technological
 Developments and Innovation

- **Partnership**

Standard 7: : AEO
 Standard 11: Public-Private Partnerships
 Standard 13: International Cooperation
 Standard 14: Communication, Public Awareness
 and Outreach

- **Measurement and analysis**

Standard 15: Mechanism of Measurement





Advance Electronic Data and Risk Management

Advance Electronic Data (AED) and RM

- Standard 1: Legal Framework for AED
- Standard 2: Use of International Standards for AED
- Standard 3: Data Quality
- Standard 4: Risk Management
- Standard 5: Use of Non-Intrusive Inspection Technologies and Data Analytics

Supporting tools:

- ✓ Technical Specifications
- ✓ Reference Datasets for Cross-Border E-Commerce
- ✓ E-Commerce Compendium
- ✓ KPIs
- ✓ WCO Data Model
- ✓ Joint WCO-UPU Guidelines on the exchange of electronic advance data between Post and Customs
- ✓ Tools on Data Analytics
- ✓ Risk Management Compendium, etc.

Issues for Advance Electronic Data

- Timing (pre-loading, pre arrival, at importation)
- Data elements (transaction data, payment data, logistic data)
- Mandatory submission vs Voluntary data

Best practices:

- ✓ US – Section 321 and Entry Type 86 data pilots



Safety, Security and Use of Technology



Safety, security and use of technology

- Standard 10: Prevention of Fraud and Illicit Trade
- Standard 11: Inter-Agency Cooperation and Information Sharing
- Standard 5: Use of NII Technologies and Data Analytics
- Standard 16: Explore Technological Developments and Innovation

Issues for Safety and Security

- Cargo inspection with Non-Intrusive Inspection Equipment
- Link between Scanned Image and AED
- Use of AI, Blockchain
- Customs to Customs cooperation
- Use of information in websites

Supporting tools:

- ✓ Technical Specifications
- ✓ E-Commerce Compendium
- ✓ KPIs
- ✓ SAFE Framework of Standards
- ✓ Single Window Compendium
- ✓ WCO TEG-NII, Technology Conference, Workshops on DT, etc.

Best practices:

- ✓ Canada – AI
- ✓ China - AI
- ✓ Japan - AI and NQR
- ✓ Korea - AI, blockchain, DA





Facilitation and Simplification and Partnerships

Facilitation and simplification

- Standard 6: Simplified Clearance Procedures
- Standard 7: AEO

Partnership

- Standard 12: Public-Private Partnerships
- Standard 13: International Cooperation

Supporting tools:

- ✓ Technical Specifications
- ✓ E-Commerce Stakeholders – Roles and Responsibilities
- ✓ E-Commerce Compendium
- ✓ KPIs
- ✓ Secretariat Note on expanding the concept of AEO to cross-border e-commerce
- ✓ Immediate Release Guidelines
- ✓ SAFE Package, etc.

Partnership

- Applying the AEO concept
- Information from the private sector on illegal activities (IPR, etc.)

Best practices:

- ✓ China
- ✓ EU
- ✓ US





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Thank you

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International Plant Health Conference

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