Selection of recent UN/CEFACT work which supports WTO TFA implementation

- Training on WTO TFA article 10
  - Streamlining formalities and documentary procedures
  - Use of international standards
  - Single Window implementation
  - National Trade Facilitation Bodies

- Further Single Window and related guidance
  - Update of Rec33 on Single Window Recommendation
  - Rec37 on Single Submission Portals
  - Rec38 on Trade Information Portals
  - Project on a Single Window Assessment Model

- Trade facilitation roadmaps and related
  - Kyrgyz Republic 2021-2025
  - Republic of Tajikistan 2019-2024
  - Project to enhance private sector participation in NTFBs
Selection of recent UN/CEFACT work which supports agriculture and regulatory standards

- Rapid Alert System for Food and Feed (RASFF)
  - E-business standard
- eQuality Certificate
  - E-business standard
- Project to develop an eCert implementation guide
- UNECE/UNESCAP Task Force on eCITES EPIX Pilot
- Enhancing Transparency and Traceability of Sustainable Value Chains in the Garment and Footwear Sector
  - Recommendation No.46
  - Call to Action
  - E-business standard
  - Further guidance
- Establishment of a Team of Specialists on Environmental Social and Governance Traceability of Sustainable Value Chains in the Circular Economy
Selection of recent UN/CEFACT work which supports sustainable pandemic recovery

- Recent guidance material
  - Rec47: Pandemic Crisis Trade-Related Response
  - Rec44: Cross-Border Facilitation Measures for Disaster Relief
  - White Paper on Integrated Track and Trace for Multi-Modal Transportation

- United Nations Development Account entitled Transport and Trade Connectivity in the Age of Pandemics
  - Cross-Border Delivery; Smart Container; Data Pipeline; International Forwarding and Transport; and modal specific version of the latter standard for rail, maritime and inland waterway

- All UN/CEFACT e-business standards

- Single Window and COVID-19 conference
Call to Action for Improved Digitalization Through the Use of UN/CEFACT Standards

• Call to Action to register use
  • Will provide visibility on the use of UN/CEFACT standards
  • Will allow partners to find each other

• How will it work?
  • Organization register a commitment for the Call
    • This includes information about which standards, which products, time savings/efficiency, relation to SDGs, time frame
    • Open to any organization
  • Commitments will be posted to the UN/CEFACT webpage and available publicly
  • Currently studying other communication possibilities such as a specialized logo

• Why is this important?
  • Building a user community / supporter community of UN/CEFACT standards
  • Allow organizations to declare their commitment to using intelligent standards for e-business
UN/CEFACT presentation
United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT)

Objectives
Simple, transparent and effective processes for global business; Efficient and automated exchange of information

Key Tools
• Global trade facilitation recommendations
• eBusiness standards
• Guidelines
• Libraries and Directories

Means
Public-Private Partnership – over 1500 experts; Meet virtually practically every week

Semantic Hub for Standardization
Buy
Commercial Procedures
• Establish sales contract
• Order goods
• Advise on delivery
• Request payment

Ship
Transport Procedures
• Establish transport contract
• Collect, transport and deliver goods
• Provide waybills, Goods receipts, etc.

Pay
Regulatory Procedures
• Obtain im/export licenses etc.
• Provide customs declarations
• Provide cargo declarations
• Apply security measures
• Clear goods

Financial Procedures
• Provide credit rating
• Insurance
• Execute payment
• Issue statements
Smart Connectivity

- Uses clear, free, openly available and harmonized standards, recommendations, guidance, regulations, conventions… in order to promote seamless exchanges
- Applies Information and Communication Technologies (ICT) and innovative processes to improve interactions (between people, companies, governments, economies, objects)
- Brings together public service needs with private sector innovation and financing capabilities
One link in a global supply chain

- Most dematerialization projects are only looking at one sectoral view
  - Almost all sectoral views are just one part of a global supply chain
  - The international supply chain is very complex (multiple actors and multiple relations in data exchanges)

- A holistic view and approach are needed
  - Information will not be related purely to goods or purely to transport or purely to regulatory…
  - There are clear links between the information in each part of the global supply chain

- UN/CEFACT deliverables all take this holistic approach
UN/CEFACT recent developments
Completion of the UN/CEFACT 27th Plenary

- Policy recommendations
  - Recommendation No. 38: Trade Information Portals
  - Recommendation No. 44: Cross-Border Facilitation Measures for Disaster Relief
  - Recommendation No. 45: Minimum Standards for Ship Agents and Ship Brokers
  - Recommendation No. 46: Enhancing Transparency and Traceability of Sustainable Value Chains in the Garment and Footwear Sector
  - Recommendation No. 47: Pandemic Crisis Trade-Related Response

- Call to Action
  - Call to Action for Improved Digitalization Through the Use of UN/CEFACT Standards
  - Call to Action for Recommendation No. 46: Enhancing Transparency and Traceability of Sustainable Value Chains in the Garment and Footwear Sector

- Other guidance
  - White Paper on Integrated Track and Trace for Multi-Modal Transportation
  - Use of UN/LOCODE for the Agreement on Port State Measures (PSMA)
Standards development through collaboration
Other work of interest
UN/CEFACT Work on Blockchain

• White Paper on Standards
  • Considering relationships with current standards
  • Studying what new standards are necessary

• White Paper on Trade Facilitation Processes
  • Presenting 31 case studies in 10 Industry sectors
  • Presenting the functionalities blockchain offers that can’t be achieved by other means
Application Programing Interface

• Pertinent to request specific information and obtain a response – however, may be difficult to apply to a “whole document”

• UN/CEFACT is currently developing a standard approach to develop API based on its semantic Reference Data Models – however, most web developers will custom build their APIs
  • May be coherent in the given exchange, but not standardized so potentially difficult to reuse the information in other contexts
  • Each web developer may take a different approach to sequencing of information or defining the individual entities of information
Making knowledge available
Some UN/CEFACT work

**SINGLE WINDOW**

UN/CEFACT developed the first guidance on Single Window and that definition has been used as the basis for all subsequent work. Our guidance covers implementation, data, legal, interoperability.

**DOCUMENT LAYOUT**

Since the 1960s UN/CEFACT and its predecessors have provided standards for the standardization of the layout of trade documents. The UN Layout Key is the basis of almost all cross border trade documents.

**eINVOICING**

The UN/CEFACT Cross-Industry Invoice has been chosen as one of the obligatory formats for all public procurement for certain countries and its use will facilitate cross border exchanges.

**PROCESS DRIVEN**

Traditional electronic messages reflect their original paper documents rather than supporting modern process collaborations such as blockchain. UN/CEFACT is leading the path in this new approach.

**UN/EDIFACT**

The first global electronic data interchange format, UN/EDIFACT is still today the most important centrally developed and maintained EDI standard covering transport, regulatory, supply chain and more.

**NTFB (National Trade Facilitation Bodies)**

Trade facilitation is not just the domain of the public sector. To be truly effective, private sector concerns and input must be fully considered. This is reflected in UN/CEFACT Recommendations 4 & 49.

**TOURISM**

Improving tourism capabilities at a local level helps to improve lives and economies. UN/CEFACT develops and maintains a series of messages designed to enable small scale lodgings to enter markets.

**SUSTAINABLE FISHERY**

The UN/CEFACT FLIX messages are used in more and more countries to declare fish catches, conformity to regulations & port entries. Their use allow cross-border communication of the information seamlessly.

**eSPS CERTIFICATES**

Sanitary and Phytosanitary certificates are a regular part of imports and exports. The UN/CEFACT eCert is used to communicate these in international trade.
Some of our Trade Facilitation Recommendations

- Rec1 – UN Layout Key for Trade Documents
- Rec4 – National Trade Facilitation Bodies
- Rec14 – Authentication of Trade Documents
- Rec16 – UN/LOCODE Code for Trade and Transport Locations (recently revised)
- Rec18 – Facilitation Measures Related to International Trade Procedures
- Rec25 – Use of the UN Electronic Data Interchange for Administration, Commerce and Transport Standard (UN/EDIFACT)
- Rec27 – Preshipment Inspection
- Rec33 – Single Window Recommendation (recently revised)
- Rec34 – Data Simplification and Standardization for International Trade
- Rec36 – Single Window Interoperability
- Rec37 – Single Submission Portals
- Rec38 – Trade Information Portals (recently approved)
- Rec41 – Public Private Partnerships in Trade Facilitation
- Rec42 – Trade and Transport Facilitation Monitoring Mechanism
Some of our Trade Facilitation White Papers

- White Paper on Paperless Trade
- White Paper Overview of Blockchain for Trade
- White Paper on Technical Application of Blockchain to UN/CEFACT Deliverables
- White Paper on Smart Containers
- White Paper on Women in Trade Facilitation
- White Paper on Data Pipeline Concept for Improving Data Quality in the Supply Chain
- Technical Note on Terminology for Single Window and other electronic platforms
- White Paper on Reference Data Model
UN/CEFACT Streamlined Standards

Supply Chain Management

Supply Chain Reference Data Model (SCRDM)

Cross Industry Invoice
- BRS
- RSM
- Cross Industry Common Requirements BRS
- e-Invoice Executive Guide English
- French
- Russian
- XSD Schema
- UML Diagram
- HTML index

Cross Industry Delivery
- Cross Industry Catalogue
- Cross Industry Quotation
- Cross Industry Remittance Advice
- Cross Industry Scheduling
- Cross Industry Ordering Process
- Cross Industry Export Packing List

Message structure (on HTML index)
• All experts are welcome to join the work of UN/CEFACT after registration:
  • https://uncefact.unece.org/display/uncefactpublic/UNCEFACT+Expert+Registration

• All deliverables of UN/CEFACT are available free of charge on our website
  • https://unece.org/trade/uncefact

• All UN Member States are welcome to participate in the approval process
Thank you