United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT)

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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

Global Scope
Potential synergies UN/CEFACT – WP.6

• Gender-responsive honorifics code list
  • Would be useable and inherited in all electronic messages using code lists maintained by UN/CEFACT

• Risk management and Single Window
  • From a perspective of the WP.6 GRM group and the UN/CEFACT Single Window Domain
Standards development through collaboration
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
Semantic hub of data for electronic exchanges

Buy/Ship/Pay (BSP) RDM

- **SC RDM**: Cross Industry Supply Chain View
- **MMT RDM**: Multi Modal Transport View
- **CBM RDM**: Cross-Border Management View
- **SDCE RDM**: Sustainable Development & Circular Economy View
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 & 40.

**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 FLUX 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)

UML Diagram
All experts are welcome to join the work of UN/CEFACT after registration:  
  * [https://uncefact.unece.org/display/uncefactpublic/UNCEFACT+Expert+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](https://unece.org/trade/uncefact)  

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