

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

LEVERAGING STANDARDS AND TRADE FACILITATION  
FOR MSMEs' DEVELOPMENT

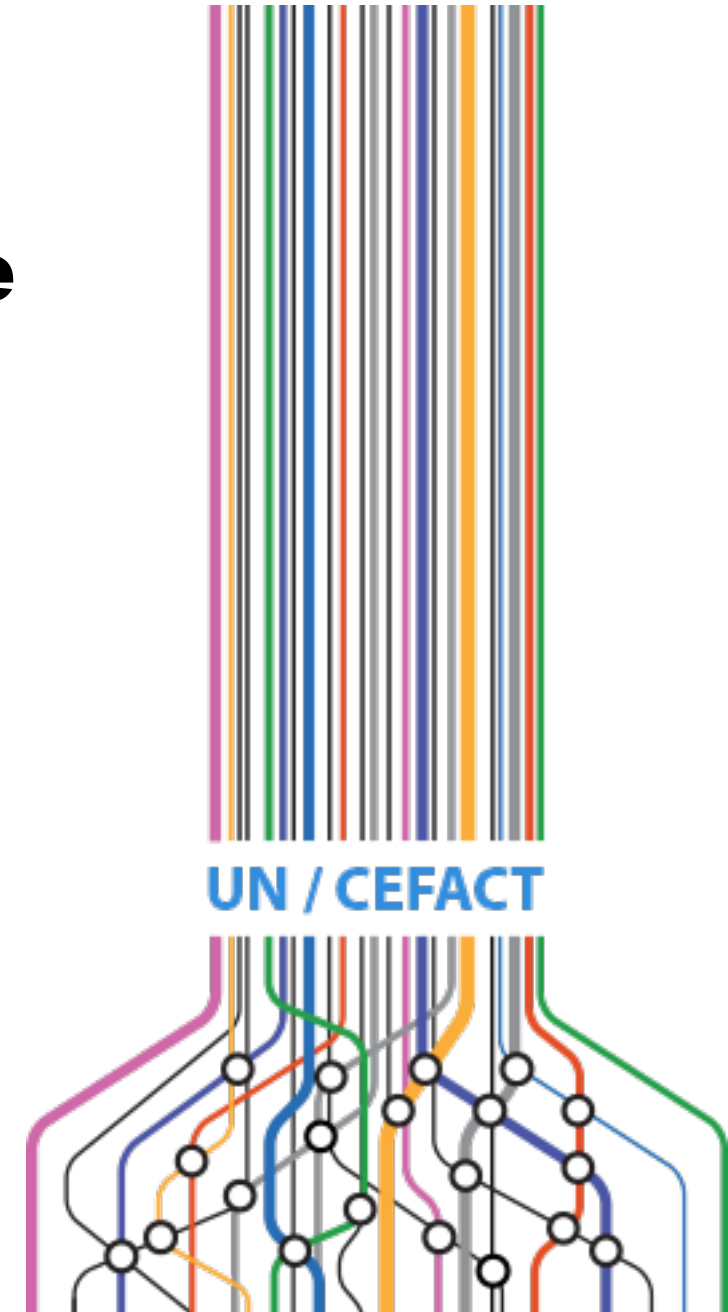
STAKEHOLDER CONSULTATIVE WORKSHOP

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# 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 weeks

## Semantic Hub for Standardization



### Commercial Procedures

- Establish sales contract
- Order goods
- Advise on delivery
- Request payment

### Transport Procedures

- Establish transport contract
- Collect, transport and deliver goods
- Provide waybills, Goods receipts, etc.

### Regulatory Procedures

- Obtain im/export licenses etc.
- Provide customs declarations
- Provide cargo declarations
- Apply security measures
- Clear goods

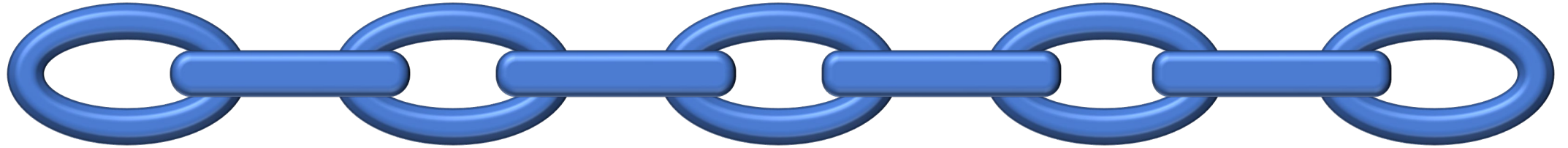
### Financial Procedures

- Provide credit rating
- Insurance
- Execute payment
- Issue statements

**Global Scope**

# One link in a global supply chain

## Importance of semantics



- Most dematerialization projects are only looking at one sectoral view (or one modal 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) and almost always multimodal
- 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

# Standards development through collaboration

## Reuse of UN/CEFACT semantics



UNITED NATIONS  
ECONOMIC COMMISSION FOR EUROPE



United Nations  
Economic Commission  
for Africa



UNITED NATIONS

ECLAC



United Nations  
ESCAP



UNITED NATIONS

الاستقيا  
ESCWA



UNITED NATIONS  
UNCTAD



United Nations  
UNCITRAL



United Nations Industrial  
Development Organization (UNIDO)  
International Business



OCHA



UNOPS



UN  
DP

UN  
environment



IMO



UPU



EEC

EU  
DG-MOVE  
DG-TAXUD  
DG-MARE  
DG-DEVCO  
DG-DIGIT  
...

ISO  
IEC  
ITU  
WTO  
ITC  
IATA  
WCO  
OECD

GS1  
IPCSA  
PROTECT  
FIATA  
SMDG  
...

UN / CEFACT

Definition of e-commerce:

online-initiation; cross-border transaction/shipment; and destined to consumers (commercial and non-commercial)

# E-commerce platforms



A type of Single Submission Portal (SSP)

**ISMIT**

Puts forward the advantages of MSMEs as specialized actors

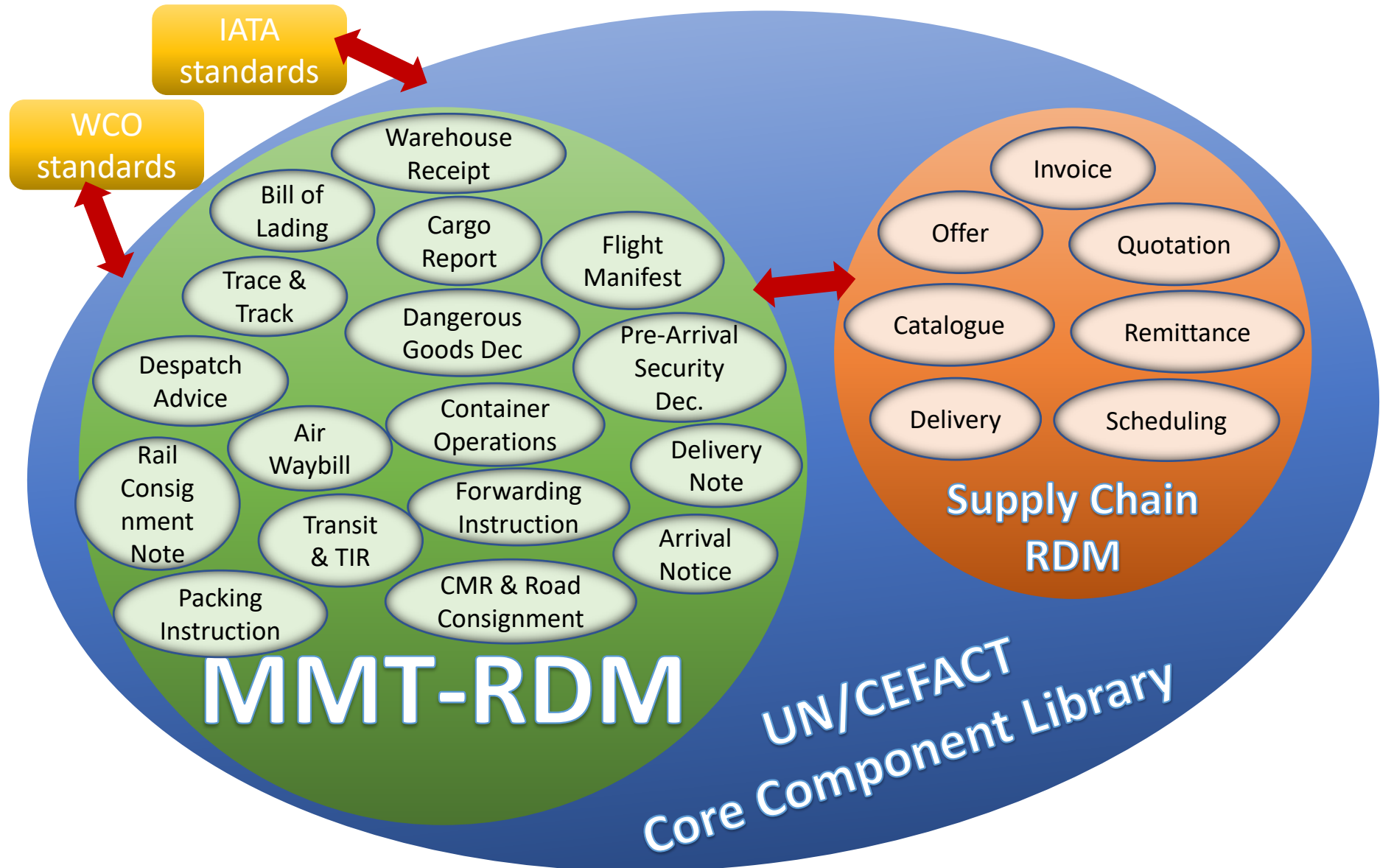
Can offer the force of multinational groups by pooling together resources

E-commerce platform offering integrated services to help MSMEs access international markets

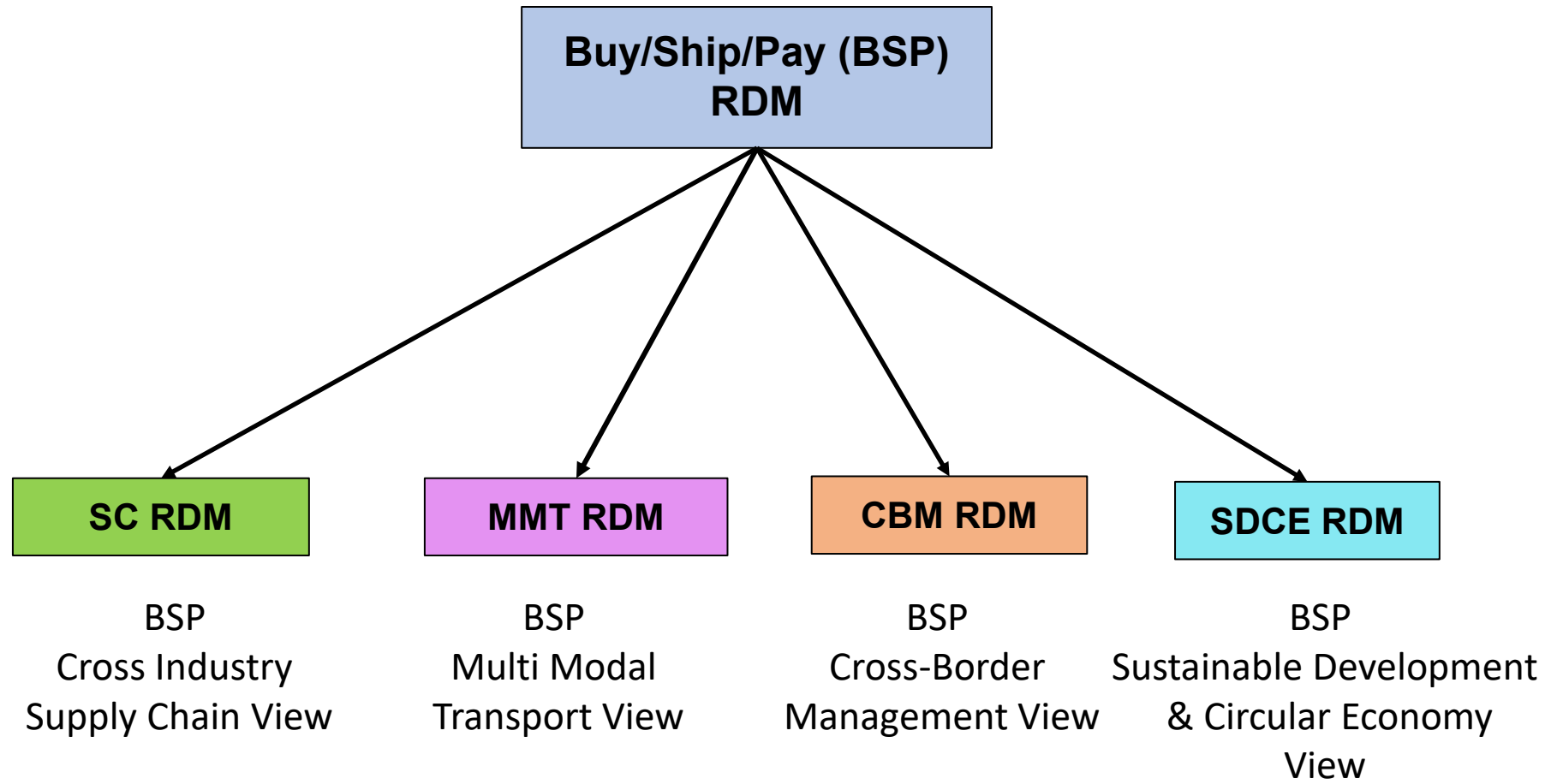
ISMIT = Integrated Services for MSMEs for International Trade



# Reference Data Models (RDM)



# Semantic hub of data for electronic exchanges





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.

These are some examples of UN/CEFACT's deliverables. The full list can be found and downloaded free of charge on our website: [www.unece.org/cefact](http://www.unece.org/cefact)

## 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

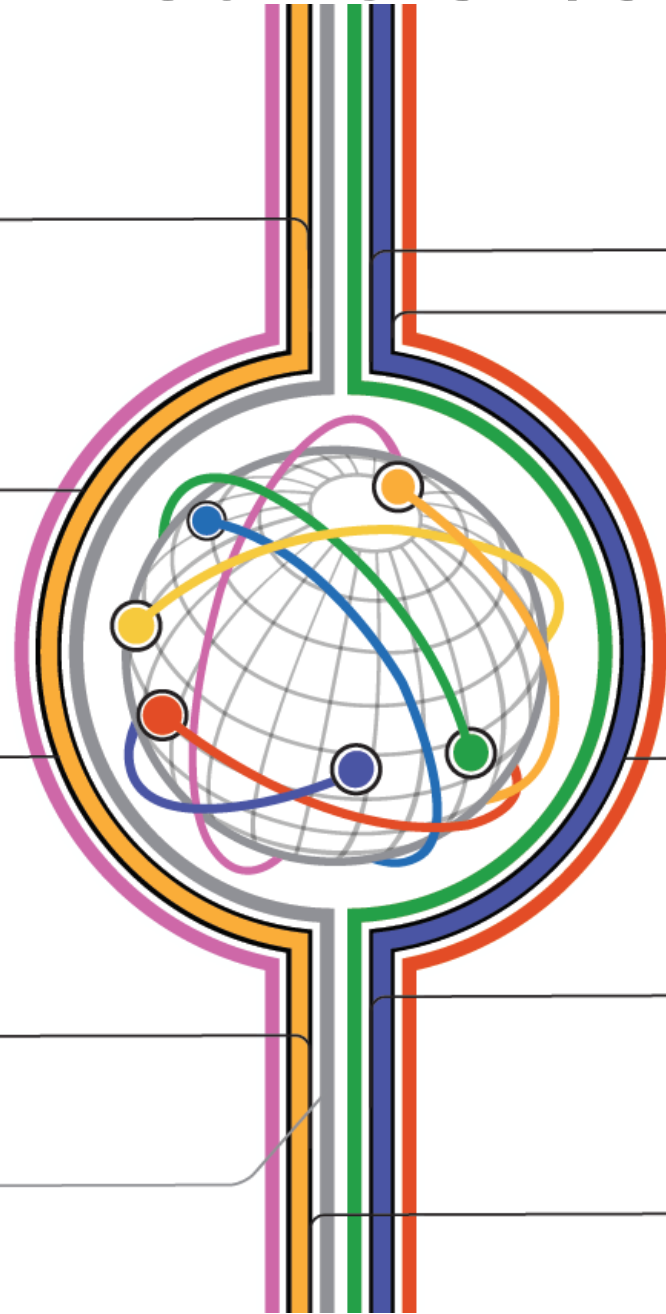
Improving tourism capabilities at a local level helps to improve lives and economies. UN/CEFACT develops and maintains a series of messages designed to enable small scale lodgings to enter markets.

## 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

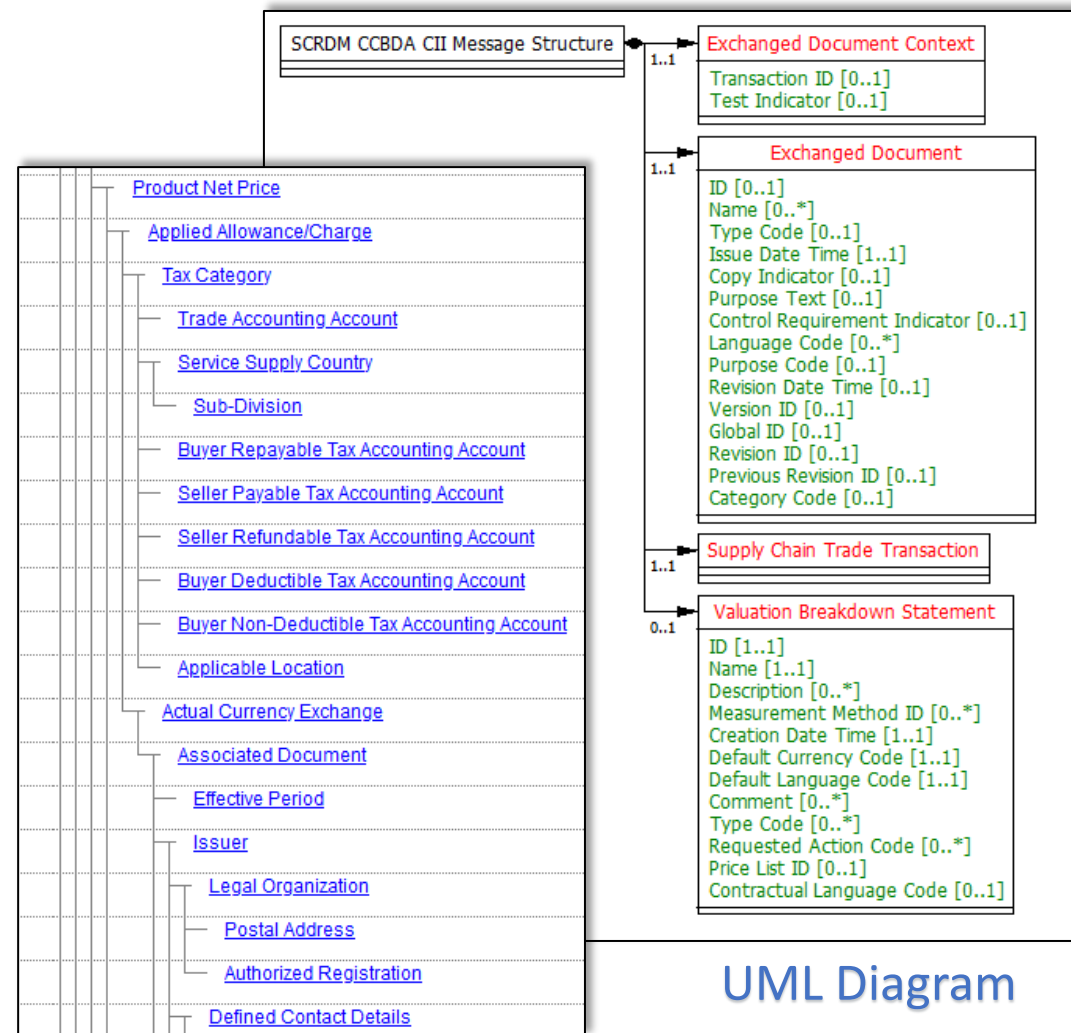
### Cross Industry Quotation

### Cross Industry Remittance Advice

### Cross Industry Scheduling

### Cross Industry Ordering Process

### Cross Industry Export Packing List





- 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

Рақмет сізге Rhamat

Ďakujem



Muļtumesc

Hvala

ありがとうございました

Merci

Tack

Çox sağ ol

Dziękuję Ci

Ευχαριστώ

Obrigado

Ačiū

მადლობთ

Баярлалаа

धन्यवाद

Dankon

Sagbol

شكرا جزيا

Спасибо

Diolch

Хвала вам

Hatur nuhun

감사합니다

# Thank you

Paldies

Faleminderit

Grazzi

මමට ස්තූතියි

Ačiū

Danke

Благодаря ти

Faafetai

Grazie

Rahmat

Շնորհակալություն

Takk skal du ha

Aitäh

សូមអរគុណ

谢谢

Köszönöm

Дзякуй

Gracias

Ви благодарам

Děkuji

Salamat



Tak skal du have

Рахмат сага

Gràcies

Asante

תודה

ধন্যবাদ

Mahalo

Kiitos

Go raibh maith agat

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Teşekkür ederim

Dank je

Dankon

Þakka þér fyrir

Dankie

