

UN/CEFACT 34th Forum IMO building, London, UK

Newcomer's Session



UN / CEFACT

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UN / CEFACT



Agenda

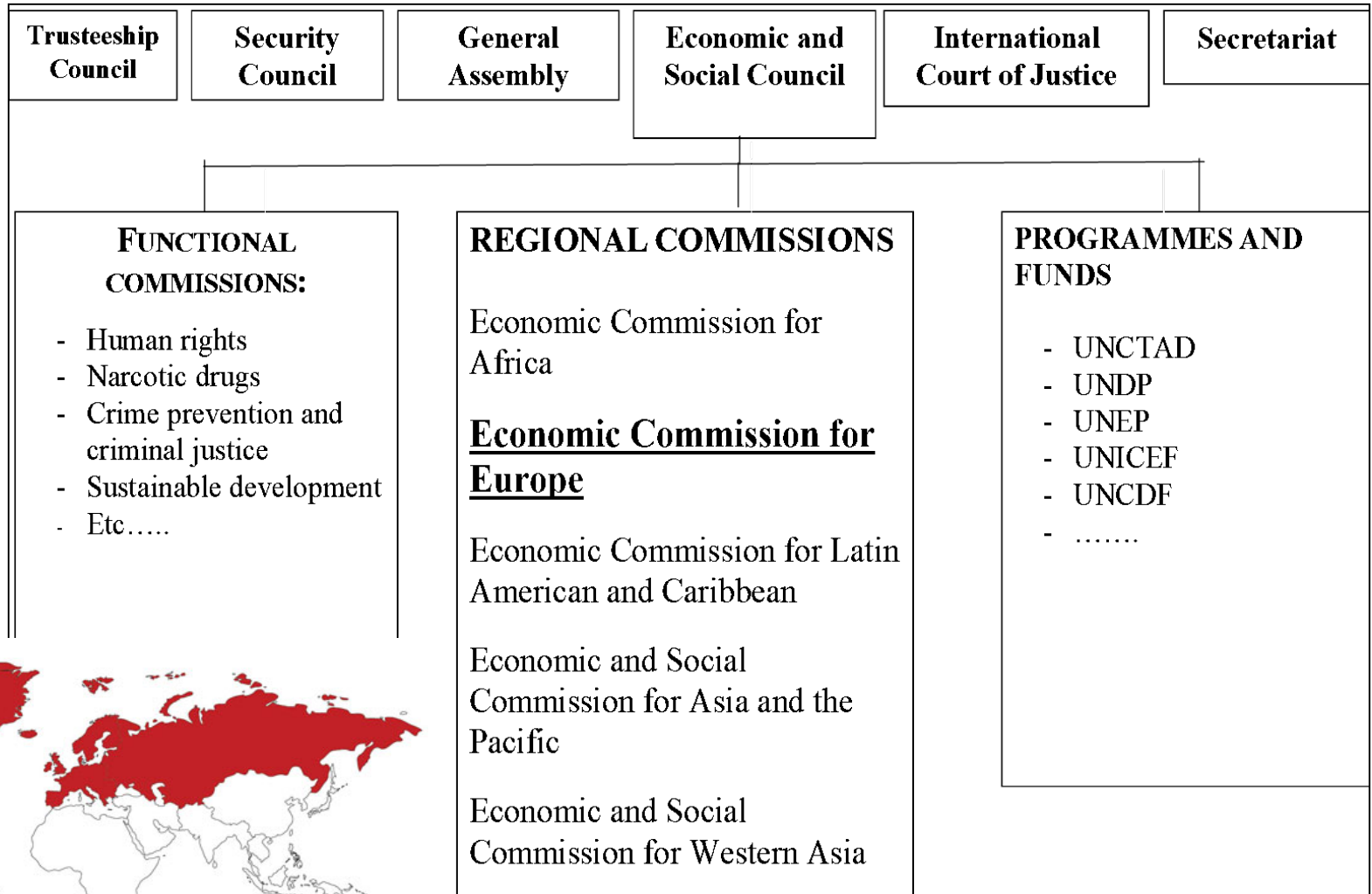




What is
UN/CEFACT?



UN Economic Commission for Europe (UNECE)



UNECE Work Areas

UNECE

Environment
Division

Sustainable
Transport
Division

Sustainable
Energy
Division

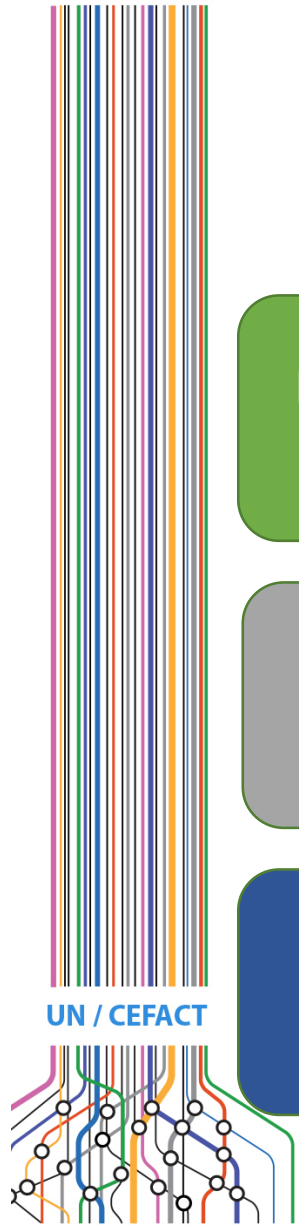
Economic
Cooperation
and Trade
Division

Forest, Land
and Housing
Division

Statistical
Division



UN / CEFAC





UNECE & Trade Facilitation



Process of eliminating all unnecessary elements and duplications in formalities, processes and procedures



Alignment of national procedures, operations and documents with international conventions, standards and practices



Process of developing internationally agreed formats for practices and procedures, documents and information

Transparency



UN/CEFACT – UN Centre for Trade Facilitation and Electronic Business

Objectives

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

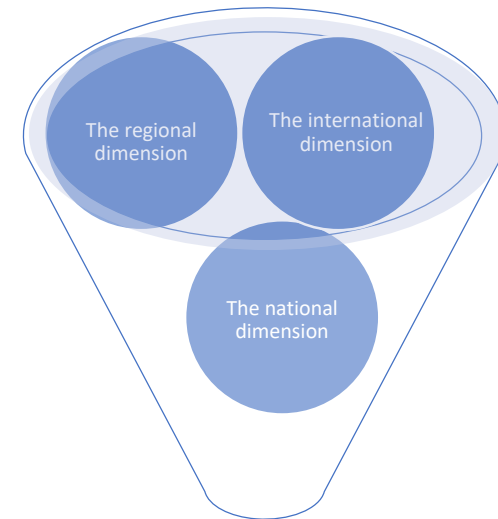
Key tools

- Global trade facilitation recommendations
- eBusiness standards
- Guidelines

Means

- Public-Private Partnership – over 500 experts
- Meet virtually practically every weeks

Trade facilitation is discussed at three levels: all complementary



Cooperation / Collaboration



UN / CEFACT



UN/CEFACT Bureau

From 05/2018

Sue PROBERT
Chair

Communicat°
Focal Point

Anders
GRANGÅRD

Estelle
IGWE

ITP
PDA

ITPD

Int'l Trade
Procedures

SWD

Single
Window

TFIG
Focal Point

TFA
Focal Point

M+T
PDA

Ian
WATT

International
Supply Chain
PDA

ISC
Orchestrat°
Focal Point

SC+P

Supply-
Chain &
Procuremt

T+L

Transport
& Logistics

SPEC

Specificat°

Raffaele
FANTETTI

A+A

Accounting
/ Audit

F+P

Finance &
Payment

INS

Insurance

Library
Maintenance
Focal Point

Syntax
Focal Point

Tahseen
KHAN

Regulatory
PDA

CBM

Cross-
Border
Mgmt

EGOV

e-
Governmt

ENV

Environmt
Mgmt

Validation
Focal Point

Harm Jan
VAN BURG

Sectoral
PDA

AGRI

Agriculture
Fisheries &
Agri food

T+T

Travel &
Tourism

UTIL

Utilities

Project
Review &
Support
Focal Point



UN/CEFACT
Deliverables

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

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

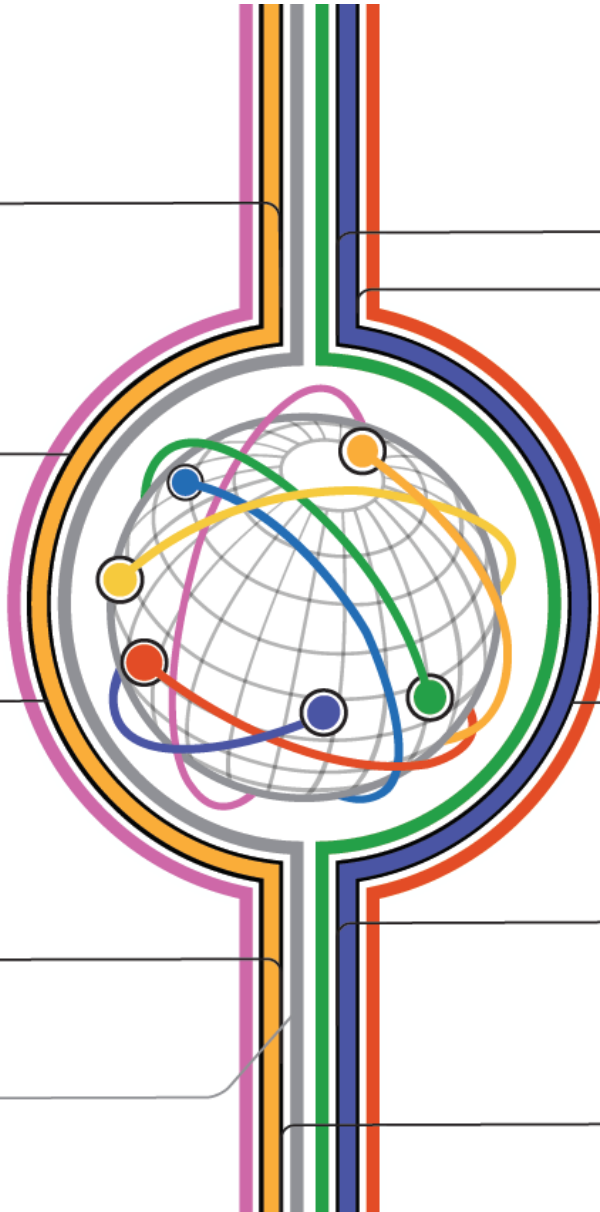
Improving tourism capabilities at a local level helps to improve lives and economies. UN/CEFACT develops and maintains a series of messages designed to enable small scale lodgings to enter markets.

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.





UN/CEFACT – 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



UN/CEFACT Deliverables



Deliverables



Internationally agreed Recommendations and Standards

Common Libraries

Common Directories



UN/CEFACT – Recommendations

- Rec1 – UN Layout Key for Trade Documents ([recently revised](#))
- Rec4 – National Trade Facilitation Bodies ([recently revised](#))
- Rec6 – Aligned Invoice Layout Key for International Trade
- Rec8 – Unique Identification Code Methodology – UNIC
- Rec11 – Documentary Aspects of the Transport of Dangerous Goods
- Rec12 – Measures to Facilitate Maritime Transport Documents Procedures
- Rec13 – Facilitation of Identified Legal Problems in Import Clearance Procedures
- Rec14 – Authentication of Trade Documents
- Rec15 – Simpler Shipping Marks
- Rec16 – LOCODE Code for Trade and Transport Locations ([recently revised](#))
- Rec18 – Facilitation Measures Related to International Trade Procedures
- Rec22 – Layout Key for Standard Consignment Instructions
- Rec25 – Use of the UN Electronic Data Interchange for Administration, Commerce and Transport Standard (UN/EDIFACT)
- Rec26 – The Commercial Use of Interchange Agreements for Electronic Data Interchange
- Rec27 – Preshipment Inspection
- Rec40 – Consultation Approaches
- Rec41 – Public-Private Partnerships in Trade Facilitation
- Rec42 – Establishment of a Trade and Transport Facilitation Monitoring Mechanism (TTFMM)
- Rec43 – Sustainable Procurement ([new](#))



UN/CEFACT – Single Window

- Rec33 – Single Window Recommendation ([recently revised](#))
- Rec34 – Data Simplification and Standardization for International Trade
- Rec35 – Establishing a legal framework for international trade Single Window
- Rec36 – Single Window Interoperability
- Rec37 – Single Submission Portal ([new](#))
- Technical Note on terminology for Single Window and other electronic platforms

Work in progress:

- Recommendation Project on Core Principles of Single Window Operations

Recommendation 1

UN Layout Key

- Specifically endorsed in the WCO Revised Kyoto Convention and the WTO TF Agreement
- Provides a common basis for the layout of trade-related documents and the information they contain
 - Basis for the EU Single Administrative Document (SAD)
 - Endorsed by key international organizations
- All data elements in UNLK aligned documents have electronic equivalents in UN/EDIFACT, ebXML, ...
- Recommendation has recently been revised

UN/EDOC EUROPEAN COMMUNITY EXPORT CUSTOMS DECLARATION A. OFFICE OF ORIGIN (EXPORT)

1. Declaration No. 1. DECLARATION

3. Party 1. Issuing office
8. Item 8. Total packages 7. Reference number

2. Consignee No. 6. Person responsible for financial settlement No.

10. Country of origin 11. Trade terms 13. CAP

14. Declaration registration No. 16. Country of origin (import) 15. C (orig)-Code 17. Country (final) destination
18. Country of origin 17. Country of final destination

19. Identity and nationality of means of transport at departure 20. CI 20. Date of issue

21. Identity and nationality of vehicle means of transport crossing the border 22. Country and territorial division 23. Exchange rate 24. Nature of transaction

25. Mode of transport 26. Inland mode of transport 27. Place of loading 28. Financial and banking date

29. Office of exit 30. Location of goods

31. Package and shipping marks and numbers - Container type, number and seal 32. TARIC 33. Commodity Code
34. Country code 35. Business (IG)
36. PROCEDURE 37. Net mass (kg) 38. Cash
40. Summary declaration / Previous document
41. Supplementary units

42. Administered information (Documents produced, Certificates and authorizations) 43. Date
44. Statistical value

45. Calculation of taxes

Tax	Tax base	Rate	Amount	ME	46. Delivered amount	45. Calculation of tax base
Total						

46. ACCOUNTING DETAILS

47. Package No. 48. Package 49. Office of destination

51. Issued office of origin (and country) RESPONSIBILITY Place and date

52. Office of destination (and country) 53. Office of destination and country

54. CONTROL BY OFFICE OF ORIGIN

Place
Date of issue
Serial number
Net mass
Terminal code
Signature

55. Place and date
Signature and name of authorized representative

© United Nations Electronic Trade Documents UN/EDOC

UN/CEFACT – Code Lists



Rec 7
Date Formats

Rec 8
UNIC

Rec 5
INCOTERMS

Rec 3
Country Codes

Rec 9
Currency Code

Rec 20 Units of
Measurement

Rec 16
UN/Locode

Rec 28
Means of Transport

Rec 19
Mode of Transport

Rec 21
Package Codes

Rec 15
Shipping Marks

Rec 24
Status Codes

Other EDIFACT
Code Lists

UNeDocs EUROPEAN COMMUNITY EXPORT CUSTOMS DECLARATION

1 Consignor / Exporter No.		3 Forms		4 Loading lists	
8 Consignee No.		5 Items		6 Total packages	
14 Consignee / Representative No.		9 Person responsible for financial settlement No.		7 Reference number	
18 Identity and nationality of means of transport at departure		10 Country first destn		11 Trading country	
21 Identity and nationality of means of transport crossing the border		15 Country of despatch / export		13 CAP	
25 Mode of transport		16 Country of origin		17 Country destin.Code	
26 Inland mode		19 Ctr.		20 Delivery terms	
27 Place of loading		22 Currency and total amount invoiced		23 Exchange rate of transaction	
29 Office of exit		28 Financial and banking data		24 Nature of transaction	
30 Location of goods		32 Article No.		33 Commodity code	
Marks and numbers - Container No(s) - Numbers and kind		34 Country origin code		35 Gross mass (kg)	





UN/CEFACT – Electronic Docs

Electronic Document Exchange XML or UN/EDIFACT

EXPORT CARGO SHIPPING INSTRUCTIONS

UN/EDIFACT 0044

A Consignee UN/EDIFACT

B Consignor UN/EDIFACT

C Freight Forwarder UN/EDIFACT

D Other address UN/EDIFACT

E Other address UN/EDIFACT

DOCUMENTATION

A, B, C, D, E

UN/EDIFACT 0044

**Paper Document
aligned to UN Layout
Key**

```
<?xml version="1.0" encoding="UTF-8"?>
<n:Invoice
  xmlns:n="urn:oasis:names:tc:ubl:Invoice:1.0:0.70"
  xsi:schemaLocation="urn:oasis:names:tc:ubl:Invoice:1.0:0.70
  UBL_Library_Op70_Invoice.xsd">
  <cat:ID-token</cat:ID>
  <cat:IssueDate>2003-02-14</cat:IssueDate>
  <n:TaxPointDate>2003-02-14</n:TaxPointDate>
  <cat:BuyerParty>
    <cat:PartyName>
      <cat:Name>Bills
    </cat:PartyName>
  </cat:BuyerParty>
  <cat:SellerParty>
    <cat:ID>
    <cat:PartyName>
      <cat:Name>Joes Office
    </cat:PartyName>
  </cat:SellerParty>
  <cat:InvoiceLine>
    <cat:ID>1</cat:ID>
    <cat:InvoicedQuantity>
      unitCode="token">5</cat:InvoicedQuantity>
    <cat:item>
      <cat:Description>Pencils, box #2
    </cat:item>
  </cat:InvoiceLine>
</n:Invoice>
```

FIATA Freight Forwarding Instructions

UN/EDIFACT 0044

Consignee

Logistics mitH
Bismarckstrasse 10
DE-D-69116 Heidelberg
Germany
ID: 363 / 3

Consignor reference number
DD-0599-22

Freight forwarder

Strasse Transport Limited
88 Rue de la Confédération
CH-8005 Zurich
Switzerland
ID: FIATA ER-2464/234

Country of origin DE
Documentary credit reference AET-10929
2000-10-20

Conditions of sale
Code
Not applicable now

Mode of transport
Rail

Transport insurance
Covered by Consignor

Freight Prepaid

Place of destination FRP&R Paris
20.000

Units and numbers
1 ADLMA Trading
NR 1+6 Order 0-535/1

Description of goods
Cylinder-Press Completely Assembled

Commodity code
31452224

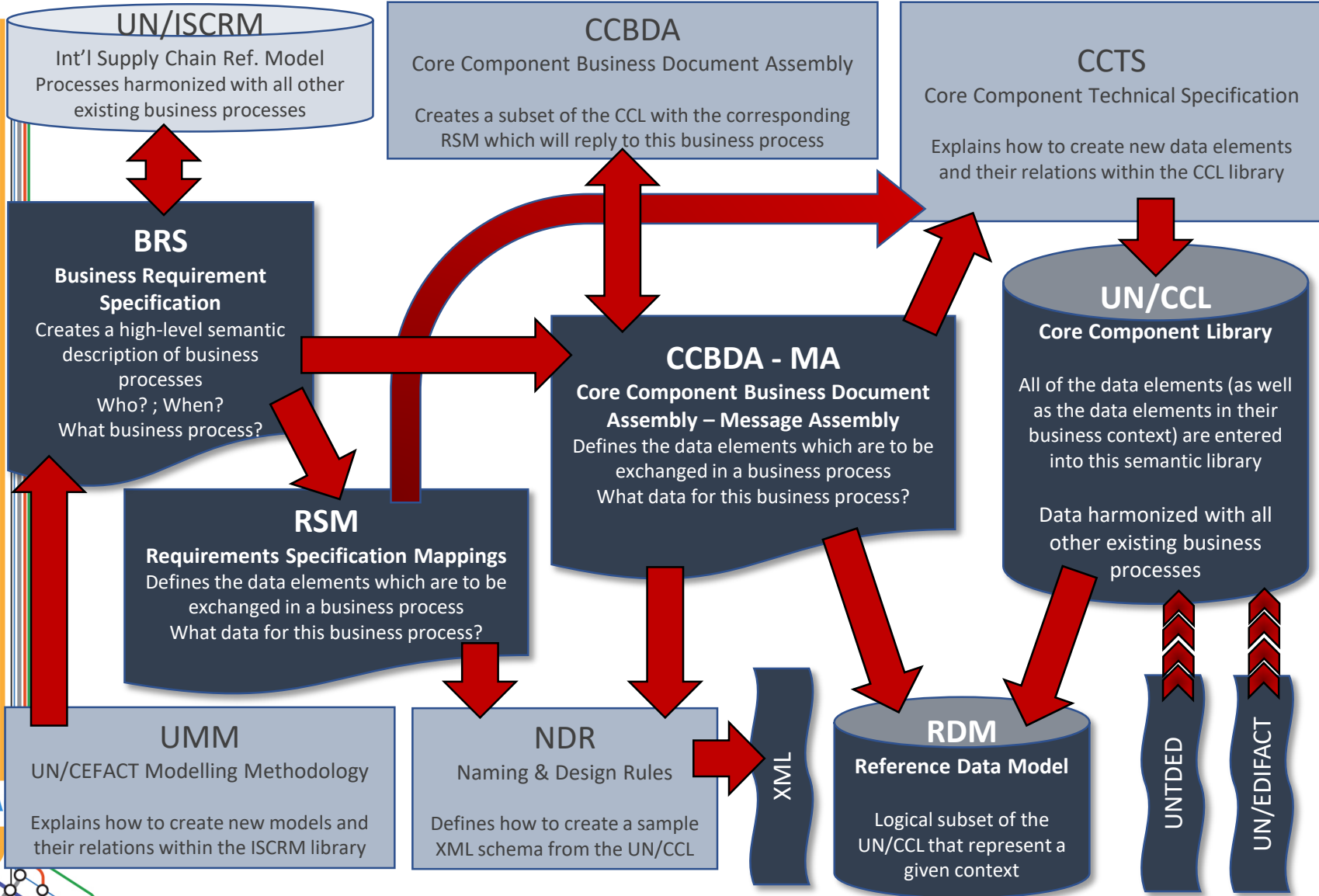
Gross weight
325 KG

Subs
390 MTQ

Electronic Edit Form



Standardizing Business Processes & Data





Project Development
within UN/CEFACT



Seven-step development process

1. Inception
2. Requirements Gathering
3. Draft Development
4. Public Review
5. Project Exit
6. Publication
7. Maintenance

All documents available during the entire process





UN/CEFACT Project Approval Process

- Recommendations submitted to the UN/CEFACT Plenary for approval by member States
- Standards and Technical specifications are approved by the Bureau within the framework of the Programme of Work
- All UN member States can participate



Participating in
UN/CEFACT



UN/CEFACT Participation

- Registration as an expert
 - Experts must agree to the UN/CEFACT IPR Policy and the Code of Conduct
- Approval by a Head of Delegation (HoD)
- Once approved, experts can participate in any active project

UN / CEFACT



UN/CEFACT

Where to find documents

www.unece.org/cefact

UNECE

About UNECE Our work Themes Where we work Open

UNECE TRADE PROGRAMME UN CENTRE FOR TRADE FACILITATION AND E-BUSINESS

Trade Programme

- UN/CEFACT
- About us
- Domains
- Projects
- Public Reviews
- Outputs
 - Recommendations
 - Standards
 - UN/LOCODE
 - Streamlined presentation of UN/CEFACT standards
 - Business Requirement Specifications (BRS)
 - Core Components Library (UN/CCL)
 - ISO/TC 154
 - Requirements Specification Mappings (RSM)
- UN/EDIFACT
 - UNTDDED-ISO7372
 - XML Schemas
- Technical Specifications

UN/CEFACT

Introduction

The United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT) is a sub-organism of the United Nations Commission for Europe (UNECE) which is a point within the United Nations Economic and Social Council for trade facilitation recommending electronic business standards. It has global members and its members are experts from intergovernmental organizations, individual countries' authorities and from the business community.

Key areas of work

- Recommendations
- Standards

In Focus

- The 33rd Forum was a success with all meetings at all times throughout the year, the advancement of all of the regular work.
- The UN/CEFACT 25th Plenary approved Recommendation 43 on Sustainable Business Practices.

Streamlined presentation of UN/CEFACT standards

United Nations Code for Trade and Transport Locations (UN/LOCODE)

UN/LOCODE

United Nations rules for Electronic Data Interchange for Administration, Commerce and Transport (UN/EDIFACT)

UN/EDIFACT

Supply Chain Management

Supply Chain Reference Data Model (SCRDM)

Cross Industry Invoice

Cross Industry Delivery

Cross Industry Catalogue

Material Safety Data Sheet Data

Cross Industry Quotation

Cross Industry Remittance Advice

Cross Industry Scheduling

Contract Financial Execution Management

Cross Industry Ordering Process

Market Research Information

Transport and Logistics

Multi-model Transport (MMT)

Transport & Logistics - eCMR

Verified Gross Mass (VERMAS)

International Forwarding and Transfer

Transport and Logistics

Multi-model Transport (MMT)

Multi-Model Transport and Logistics (MMT) Reference Data Model

- White Paper on RDM [English](#) [French](#) [Russian](#)
- RDM Guidelines
- BRS
- Executive Guide
- Structure Report / Data Elements
- XSD Schema
- UML Diagram
- HTML index

Transport & Logistics - eCMR

UN/CEFACT

Where to find documents

<https://uncefact.unece.org>



[HOME](#) [SECRETARIAT](#) [THE BUREAU](#) [PROJECTS -](#) [HOD\(S\)](#) [DOMAINS](#) [MY PERSONAL ASSISTANT](#)

UN/CEFACT PROJECTS

[PUBLIC UN/CEFACT WEBSITE !\[\]\(e474458956c9a37fbf9586ddb60a7fa1_img.jpg\)](#)

[Create a New Project Proposal](#)

ACTIVE PROJECTS BY PROGRAMME DEVELOPMENT AREA

International Trade Procedures

[Buy/Pay](#)




[Ship](#)

[Regulatory](#)

[Sectoral](#)

[Methodology and Technology](#)

[Harmonization](#) [\(Archived\)](#)

-  [Core Principles for the Operation of SW](#)
-  [ISMIT - Integrated Services for MSMEs in International Trade](#)
-  [Revision of Recommendation 33](#)
-  [Single Submission Portal](#)

ACTIVE PROJECTS BY DOMAIN

UN / CEFACT



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Where to find documents

tfig.unece.org



TRADE FACILITATION IMPLEMENTATION GUIDE



[Home](#) [About](#) [Intro](#) [Domains](#) [Itineraries](#) [Instruments](#) [Organizations](#) [Case Stories](#) [Training](#) English ▾

Welcome to the **Trade Facilitation Implementation** Guide
A tool for simplifying cross-border trade

WTO TF
Agreement

Introduction to Trade Facilitation

Domains



Itineraries



Instruments



Organizations



Trade Facilitation
Implementation Guide





UN/CEFACT

more information & contacts

All UNECE and UN/CEFACT Recommendations, codes, standards and publications are available for free on our website at:

- www.unece.org/
- www.unece.org/trade
- www.unece.org/cefact/
- tfig.unece.org
- Email:
 - uncefact@un.org
 - Lance Thompson, Secretary UN/CEFACT:
lance.thompson@un.org

UN / CEFACT



Рақмет сізге Rhamat

Ďakujem

Merci شكرا جزیلا

Дякую ありがとうございます



Tack Çox sağ ol

Dziękuję Ci Hvala Obrigado

მადლობთ

Ευχαριστώ Dankon

Спасибо Aitäh

Gracias Хвала вам

Thank you

Diolch Faleminderit

Grazie Mulțumesc Ačiū

谢谢 Շնորհակալություն

Ви благодарам Takk skal du ha

Tak skal du have Děkuji Köszönöm Дзякуй תודה

Рақмат сага Gràcies Asante

Lance THOMPSON
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lance.thompson@un.org

Kiitos Go raibh maith agat

UNECE – UN/CEFACT
Geneva, 14 October 2019

teşekkür ederim Dank je

Þakka þér fyrir



UN / CEFACT

