

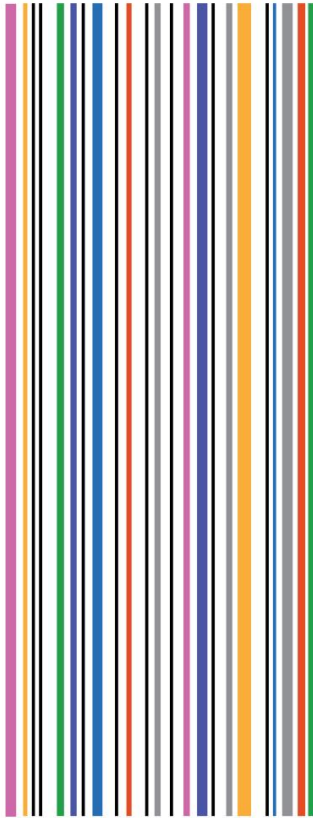
UN/CEFACT 35th Forum

Newcomer's Session

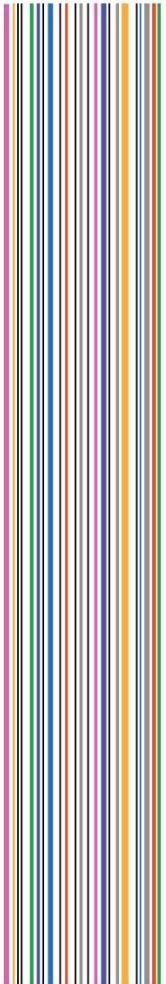
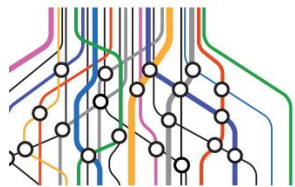
Lance THOMPSON

Secretary UN/CEFACT, UNECE Secretariat

lance.thompson@un.org



UN / CEFACT



Agenda

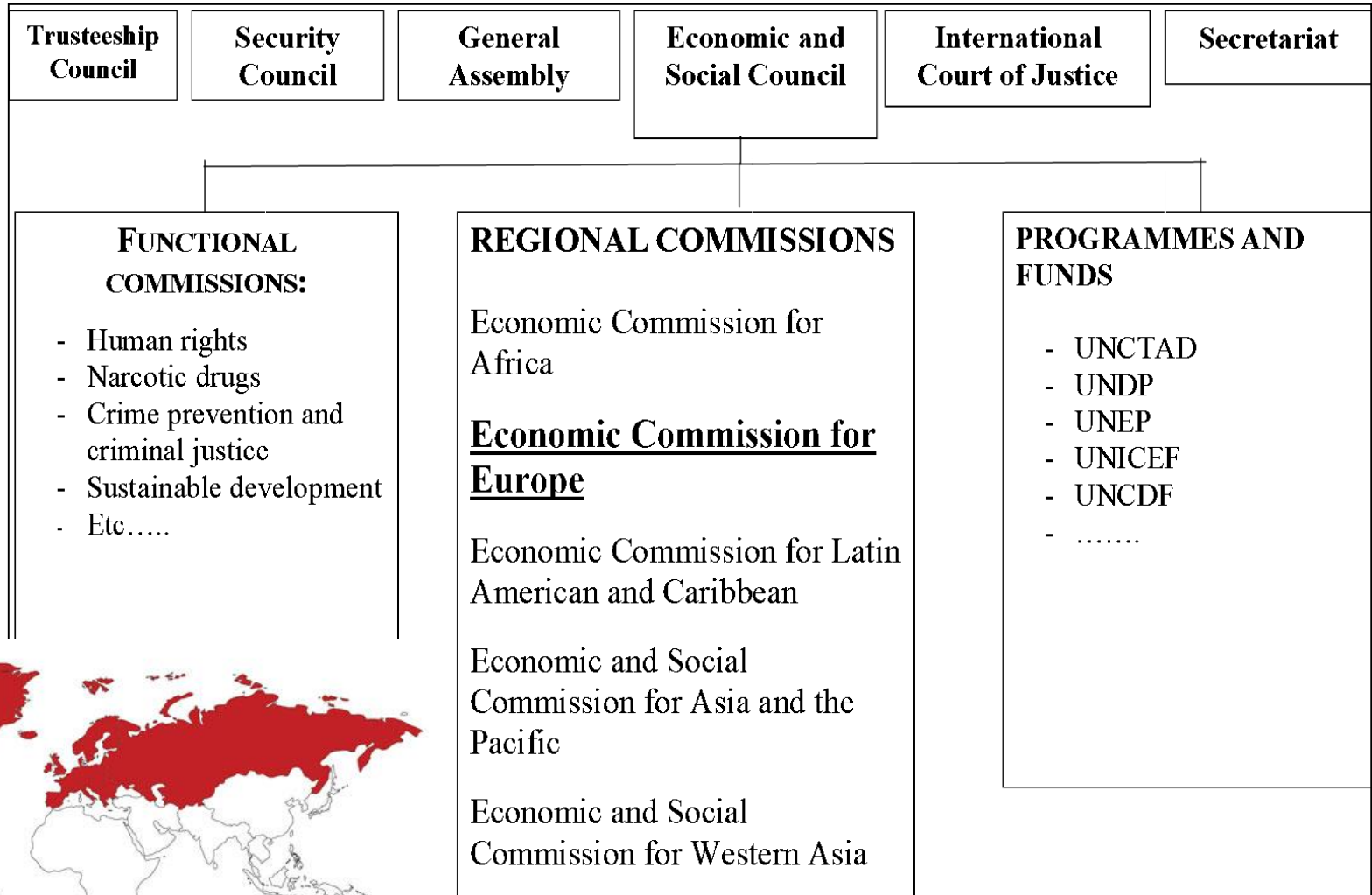




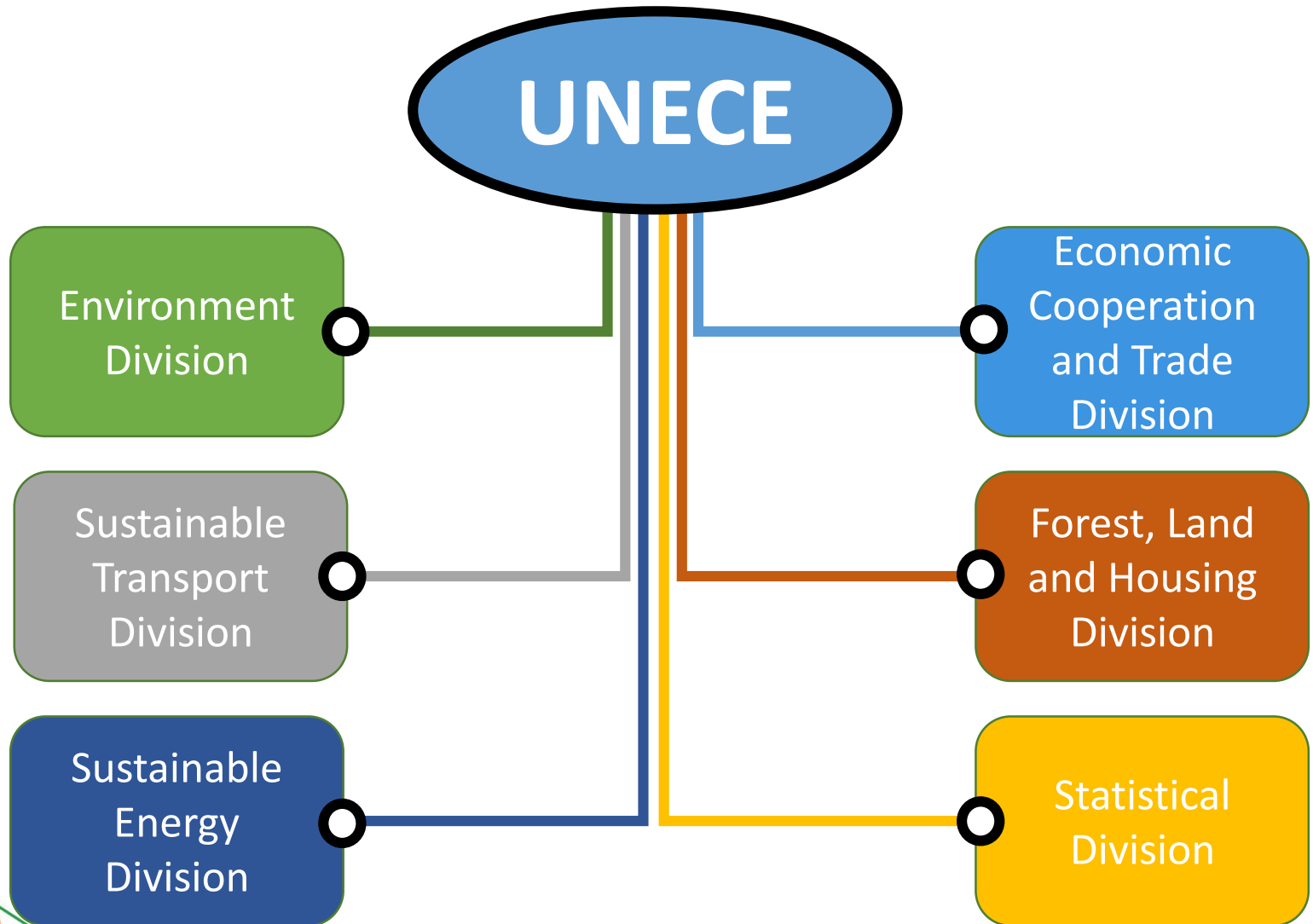
What is
UN/CEFACT?



UN Economic Commission for Europe (UNECE)

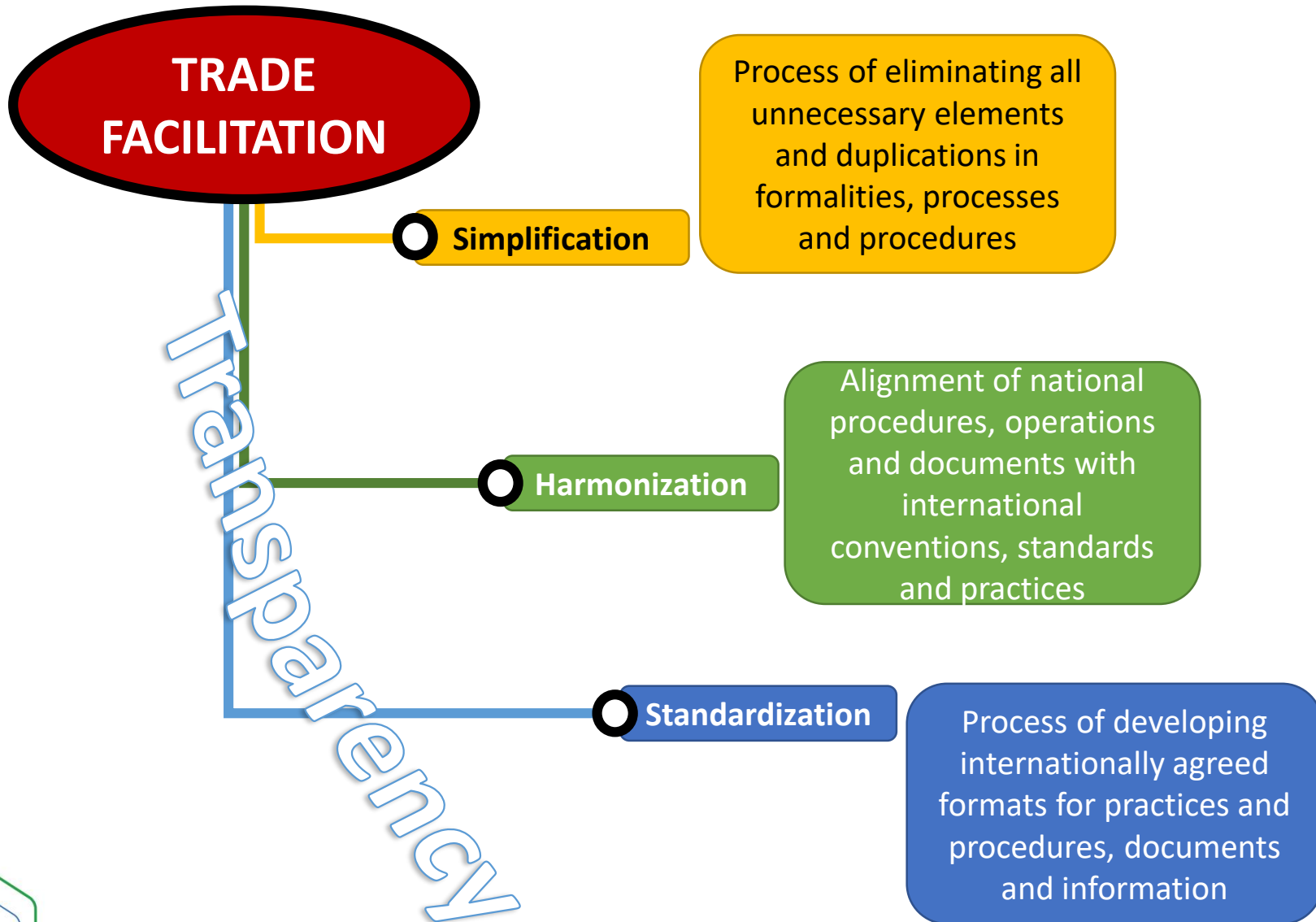
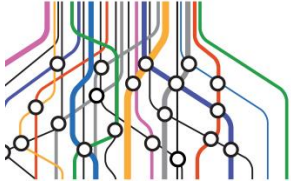


UNECE Work Areas





UNECE & Trade Facilitation





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

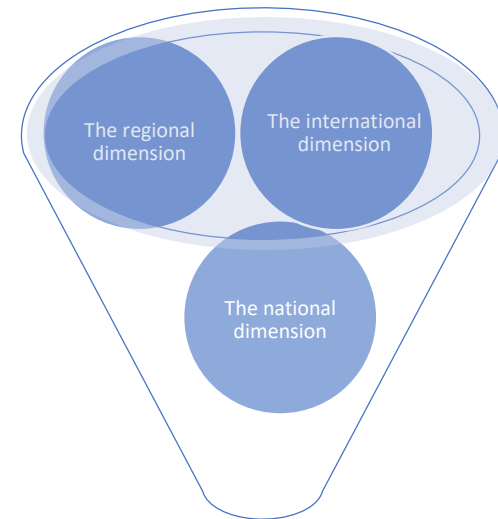
Key tools

- 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

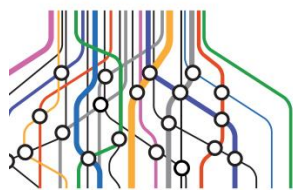




Cooperation / Collaboration



UN / CEFAC



Sue PROBERT Chair

Marek
LASKOWSKI

Ian
WATT

Hanane
BECHA

Liliana
FRATINI PASSI

Tahseen
KHAN

Benno
SLOT

Estelle
IGWE

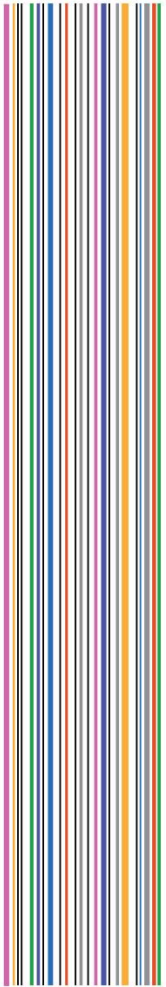
Aleksei
BONDARENKO

International Supply Chain PDA	BUY	Supply-Chain & Procuremt	T+T	Travel & Tourism
	SHIP	Transport & Logistics	INS	Health & Insurance
	PAY	Finance & Payment	A+A	Accounting / Audit

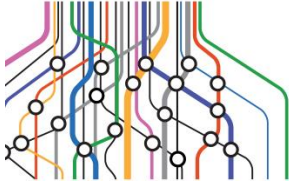
Regulatory & eGovernment PDA	CBM	Cross-Border Mgmt	eDATA	eData Managemt
	AGRI	Agriculture Fisheries & Agri food	ENV	Environmt Mgmt

International Trade Procedures PDA	SWD	Single Window	TPF	Trade Procedure Facilitation	Code List Focal Point

M+T PDA	
SPEC	Specificat°
Library & schema Focal Point	
UN/EDIFACT Focal Point	
Validation Focal Point	



UN / CEFAC



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

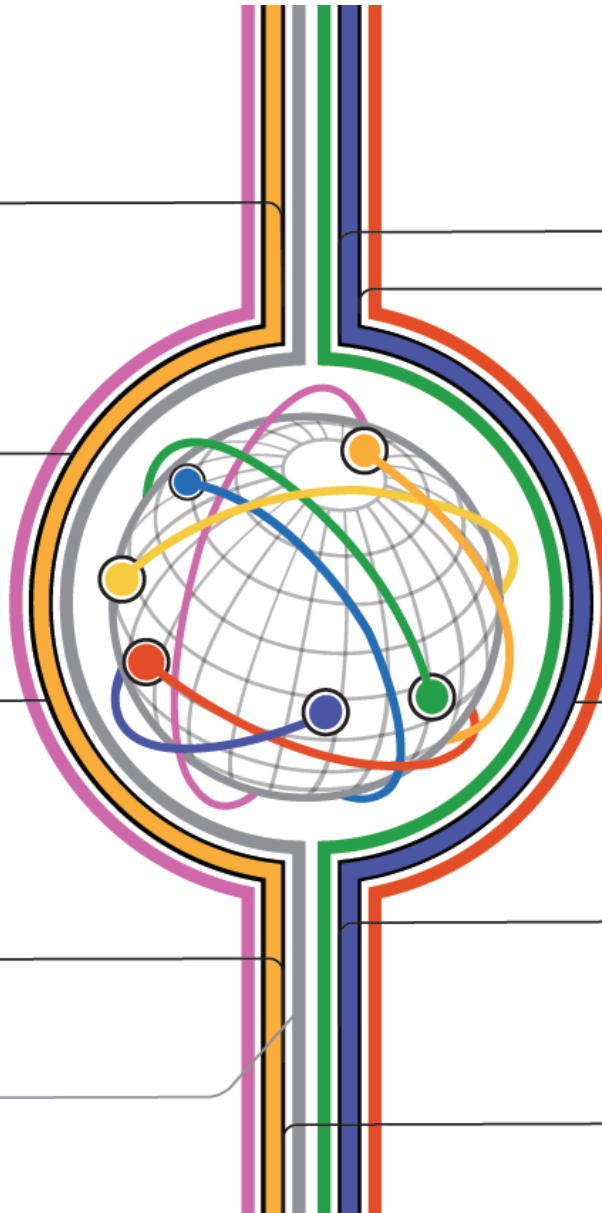
Improving tourism capabilities at a local level helps to improve lives and economies. UN/CEFACT develops and maintains a series of messages designed to enable small scale lodgings to enter markets.

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.

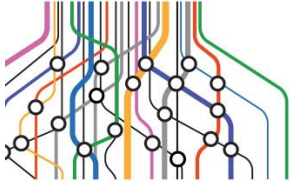
Regulatory Procedures

- 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



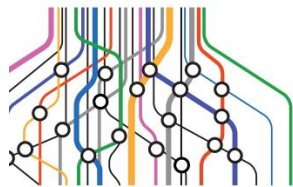


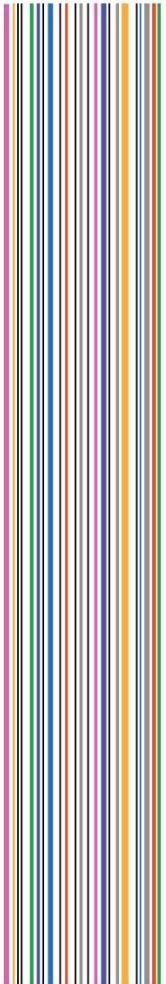
UN/CEFACT Deliverables



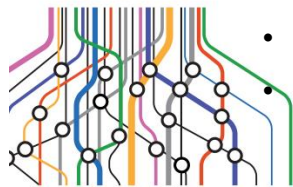
Deliverables

- Internationally agreed Recommendations and Standards
- Common Libraries
- Common Directories





UN / CEFAC



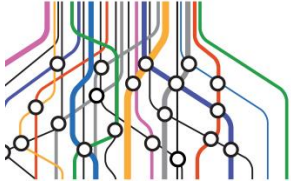
UN/CEFACT – Recommendations

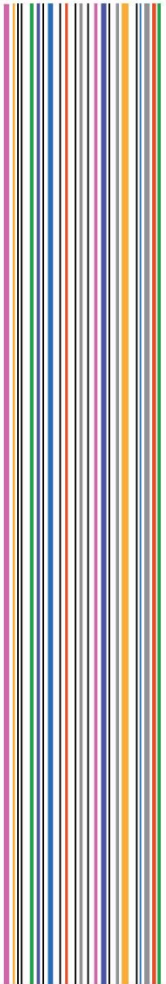
- Rec1 – UN Layout Key for Trade Documents ([recently revised](#))
- Rec4 – National Trade Facilitation Bodies ([recently revised](#))
- Rec6 – Aligned Invoice Layout Key for International Trade
- Rec8 – Unique Identification Code Methodology – UNIC
- Rec11 – Documentary Aspects of the Transport of Dangerous 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](#))
- Rec44 - Cross Border Facilitation Measures for Disaster Relief ([soon to be published](#))
- Rec45 – Ship Agent and Ship Broker Minimum Standards ([soon to be published](#))
- Rec46 – Enhancing Transparency and Traceability of Sustainable Value Chains in Garment and Footwear ([soon to be published](#))



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)
- Rec38 – Trade Information Portal (soon to be published)
- Technical Note on terminology for Single Window and other electronic platforms





UN / CEFACT

- 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

Recommendation 1

UN Layout Key

UNEDOC		EUROPEAN COMMUNITY EXPORT CUSTOMS DECLARATION		A. OFFICE OF ORIGIN / EXPORT	
1. Consignor / Exporter		1. DECLARATION		3. Party	
2. Consignee		2. Party		4. Total packages	
3. Country of origin		5. Country of origin / Import		6. Reference number	
4. Declaration / Registration		7. Country of origin / Import		8. Country of origin / Import	
5. Identity and nationality of means of transport at departure		9. Country of origin / Import		10. Country of origin / Import	
6. Identity and nationality of means of transport at arrival		11. Country of origin / Import		12. Country of origin / Import	
7. Place of loading		13. Place of loading		14. Place of loading	
8. Location of goods		15. Location of goods		16. Location of goods	
9. Package and description of contents		17. Package and description of contents		18. Package and description of contents	
10. Administrative information (documents, certificates, etc.)		19. Administrative information (documents, certificates, etc.)		20. Administrative information (documents, certificates, etc.)	
11. Calculation of duties		21. Calculation of duties		22. Calculation of duties	
12. Declaration of origin		23. Declaration of origin		24. Declaration of origin	
13. Declaration of origin		25. Declaration of origin		26. Declaration of origin	
14. Declaration of origin		27. Declaration of origin		28. Declaration of origin	
15. Declaration of origin		29. Declaration of origin		30. Declaration of origin	
16. Declaration of origin		31. Declaration of origin		32. Declaration of origin	
17. Declaration of origin		33. Declaration of origin		34. Declaration of origin	
18. Declaration of origin		35. Declaration of origin		36. Declaration of origin	
19. Declaration of origin		37. Declaration of origin		38. Declaration of origin	
20. Declaration of origin		39. Declaration of origin		40. Declaration of origin	
21. Declaration of origin		41. Declaration of origin		42. Declaration of origin	
22. Declaration of origin		43. Declaration of origin		44. Declaration of origin	
23. Declaration of origin		45. Declaration of origin		46. Declaration of origin	
24. Declaration of origin		47. Declaration of origin		48. Declaration of origin	
25. Declaration of origin		49. Declaration of origin		50. Declaration of origin	
26. Declaration of origin		51. Declaration of origin		52. Declaration of origin	
27. Declaration of origin		53. Declaration of origin		54. Declaration of origin	
28. Declaration of origin		55. Declaration of origin		56. Declaration of origin	
29. Declaration of origin		57. Declaration of origin		58. Declaration of origin	
30. Declaration of origin		59. Declaration of origin		60. Declaration of origin	
31. Declaration of origin		61. Declaration of origin		62. Declaration of origin	
32. Declaration of origin		63. Declaration of origin		64. Declaration of origin	
33. Declaration of origin		65. Declaration of origin		66. Declaration of origin	
34. Declaration of origin		67. Declaration of origin		68. Declaration of origin	
35. Declaration of origin		69. Declaration of origin		70. Declaration of origin	
36. Declaration of origin		71. Declaration of origin		72. Declaration of origin	
37. Declaration of origin		73. Declaration of origin		74. Declaration of origin	
38. Declaration of origin		75. Declaration of origin		76. Declaration of origin	
39. Declaration of origin		77. Declaration of origin		78. Declaration of origin	
40. Declaration of origin		79. Declaration of origin		80. Declaration of origin	
41. Declaration of origin		81. Declaration of origin		82. Declaration of origin	
42. Declaration of origin		83. Declaration of origin		84. Declaration of origin	
43. Declaration of origin		85. Declaration of origin		86. Declaration of origin	
44. Declaration of origin		87. Declaration of origin		88. Declaration of origin	
45. Declaration of origin		89. Declaration of origin		90. Declaration of origin	
46. Declaration of origin		91. Declaration of origin		92. Declaration of origin	
47. Declaration of origin		93. Declaration of origin		94. Declaration of origin	
48. Declaration of origin		95. Declaration of origin		96. Declaration of origin	
49. Declaration of origin		97. Declaration of origin		98. Declaration of origin	
50. Declaration of origin		99. Declaration of origin		100. Declaration of origin	

© United Nations Electronic Trade Documents (UNEDOC)

UN/CEFACT – Code Lists



Rec 7
Date Formats

Rec 8
UNIC

Rec 5
INCOTERMS
(Recently updated)

Rec 3
Country Codes

Rec 9
Currency Code

Rec 20 Units of
Measurement

Other EDIFACT
Code Lists

Rec 24
Status Codes

Rec 15
Shipping Marks

Rec 21
Package Codes

Rec 19
Mode of Transport

Rec 28
Means of Transport

Rec 16
UN/Locode
(Recently updated)

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





UN/CEFACT – Electronic Docs

Electronic Document Exchange XML or UN/EDIFACT

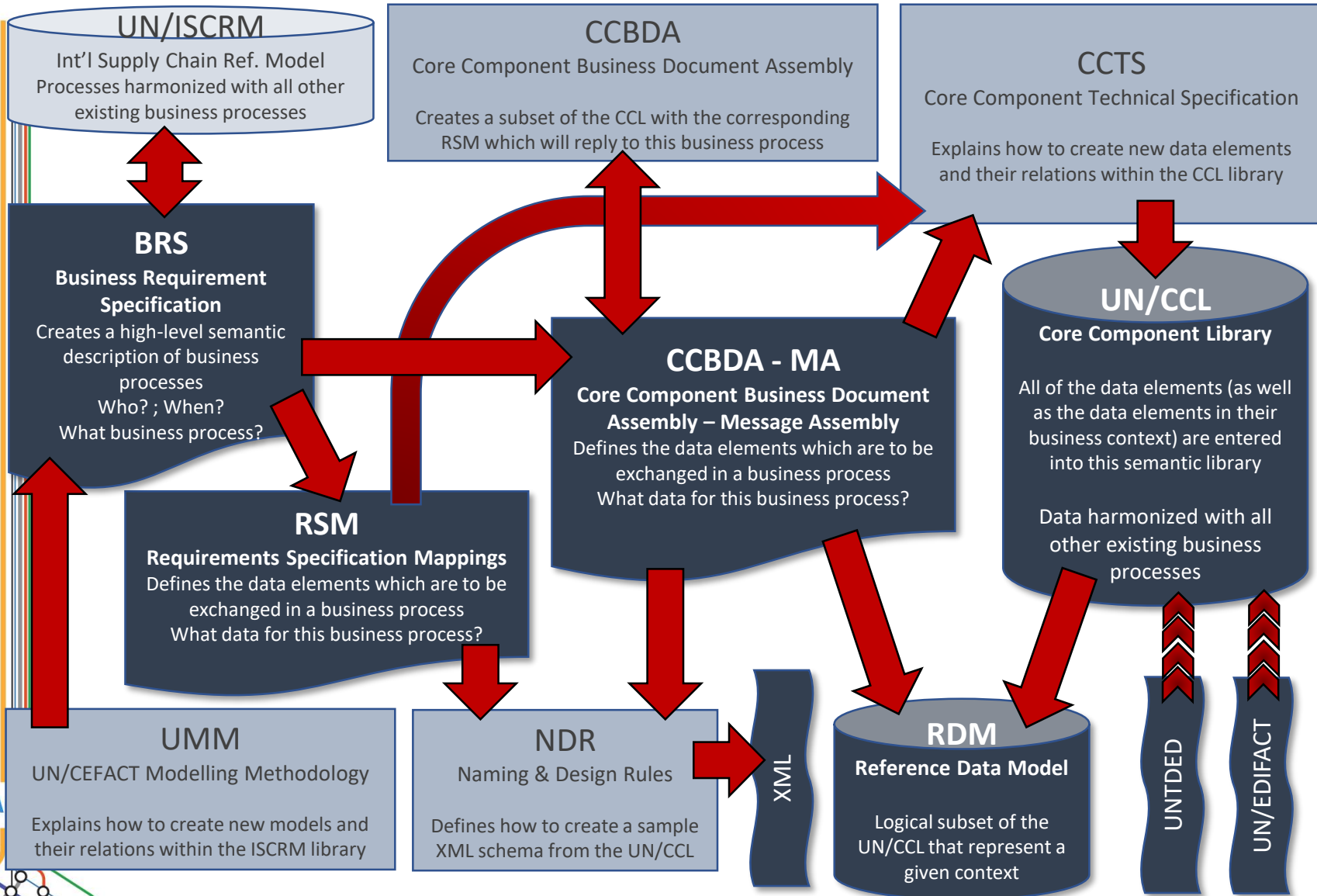
Paper Document
aligned to UN Layout
Key

```
<?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
        Microdevices</cat:Name>
      </cat:PartyName>
    </cat:BuyerParty>
    <cat:SellerParty>
      <cat:ID>
        <cat:PartyName>
          <cat:Name>Joes Office
            Supply</cat:Name>
          </cat:SellerParty>
        </cat:InvoiceLine>
        <cat:ID>1</cat:ID>
        <cat:InvoicedQuantity>
          unitCode="token">5</cat:InvoicedQuantity>
        <cat:Item>
          red</cat:Description>
          </cat:Item>
        </cat:InvoiceLine>
      </n:Invoice>
```

Electronic Edit Form



Standardizing Business Processes & Data



Project Development
within UN/CEFACT

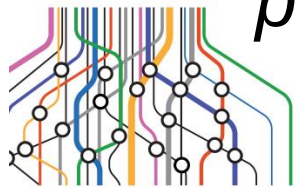


UN/CEFACT Open Development Process

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

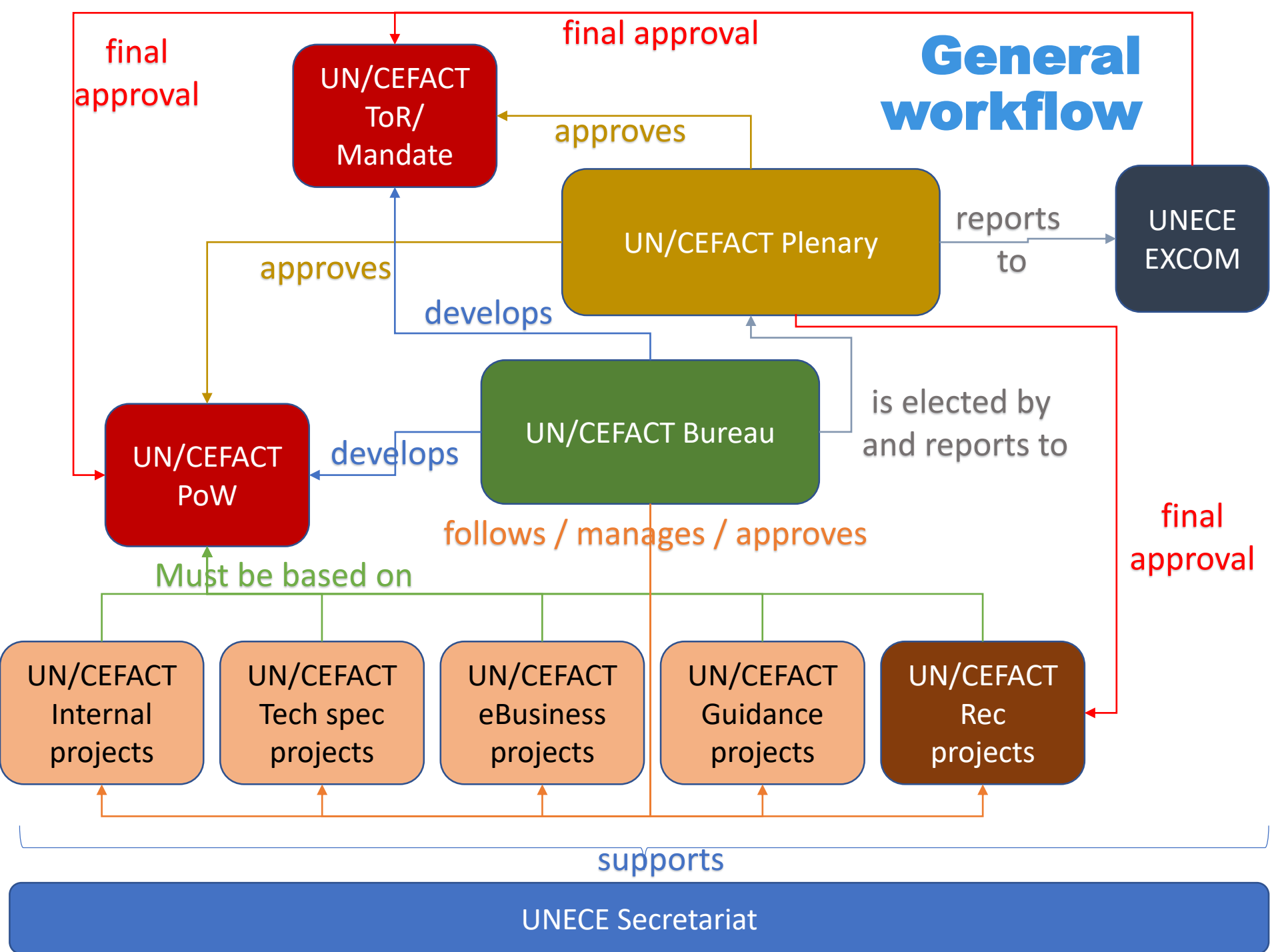




UNECE

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





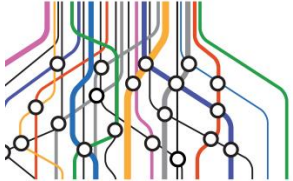
Participating in
UN/CEFACT



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

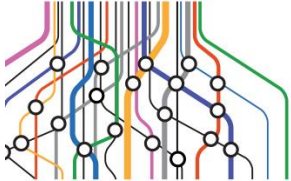
UN / CEFACT





UN/CEFACT Forums

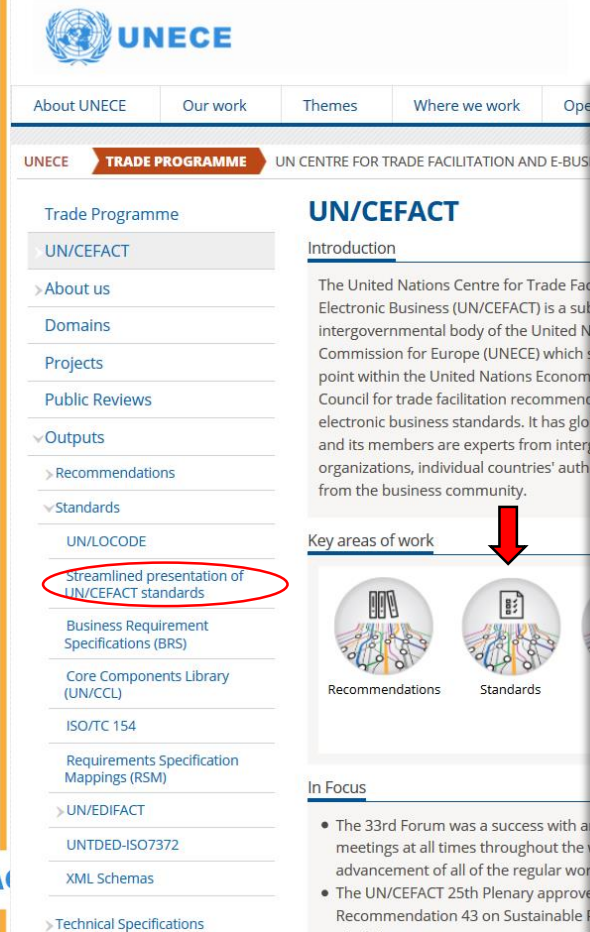
- Semi-annual events
  - First half of the year in Geneva
  - Second half of the year elsewhere
- Where have we been recently?
  - 2020 = Virtual
  - 2019 = London, UK
  - 2018 = Hangzhou, CN
  - 2017 = Rome, IT
  - 2016 = Bangkok, TH
  - 2015 = Marseille, FR
  - 2014 = New Delhi, IN



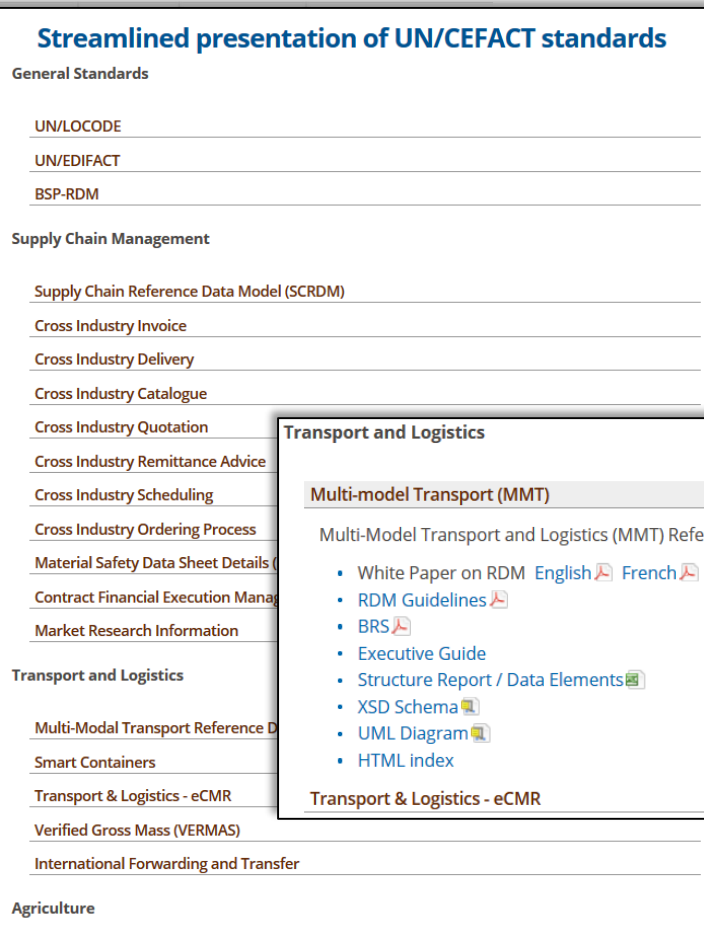
UN/CEFACT

Where to find documents

www.unece.org/cefact



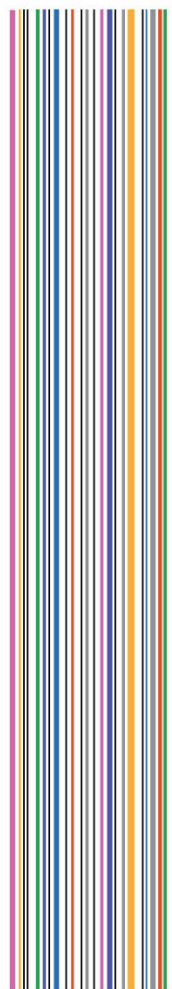
The screenshot shows the UN/CEFACT website interface. The left sidebar contains a 'Trade Programme' menu with 'UN/CEFACT' selected. Under 'UN/CEFACT', there is a link 'Streamlined presentation of UN/CEFACT standards' which is circled in red. Other links in the sidebar include 'About us', 'Domains', 'Projects', 'Public Reviews', 'Outputs', 'Recommendations', 'Standards', 'UN/LOCODE', 'Business Requirement Specifications (BRS)', 'Core Components Library (UN/CCL)', 'ISO/TC 154', 'Requirements Specification Mappings (RSM)', 'UN/EDIFACT', 'UNTDDED-ISO7372', 'XML Schemas', and 'Technical Specifications'. The main content area shows the 'UN/CEFACT' introduction and 'Key areas of work' with icons for 'Recommendations' and 'Standards'. A red arrow points from the 'Standards' icon to the 'Streamlined presentation of UN/CEFACT standards' link in the sidebar.



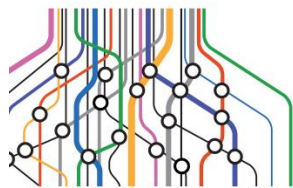
The screenshot shows the 'Streamlined presentation of UN/CEFACT standards' page. The page is organized into several sections:

- General Standards**
  - [UN/LOCODE](#)
  - [UN/EDIFACT](#)
  - [BSP-RDM](#)
- Supply Chain Management**
  - [Supply Chain Reference Data Model \(SCRDM\)](#)
  - [Cross Industry Invoice](#)
  - [Cross Industry Delivery](#)
  - [Cross Industry Catalogue](#)
  - [Cross Industry Quotation](#)
  - [Cross Industry Remittance Advice](#)
  - [Cross Industry Scheduling](#)
  - [Cross Industry Ordering Process](#)
  - [Material Safety Data Sheet Details](#)
  - [Contract Financial Execution Management](#)
  - [Market Research Information](#)
- 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](#)
- [Multi-Modal Transport Reference Data Model](#)
- [Smart Containers](#)
- [Transport & Logistics - eCMR](#)
- [Verified Gross Mass \(VERMAS\)](#)
- [International Forwarding and Transfer](#)

- Agriculture**



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UN/CEFACT

Where to find documents

<https://uncefact.unece.org>



UNECE



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

UN/CEFACT PROJECTS

[PUBLIC UN/CEFACT WEBSITE](#) 

[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

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



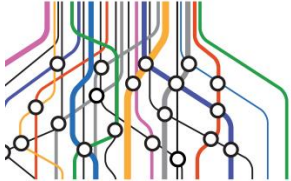


UN/CEFACT more information & contacts

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 / CEFAC





Raқmet сізге Rhamat Ďakujem Дякую ありがとうございます



Merci شكرًا جزيلًا Hvala Obrigado Tack Çox sağ ol Dziękuję Ci Dankon Ευχαριστώ

მადლობთ Gracías Хвала вам Aitäh Diolch Faleminderit Спасибо

Данке Danke Grazi Mulțumesc Ačiū Благодаря ти

謝謝 Շնորհակալություն Tak skal du ha Ви благодарам Köszönöm Дзякуй

Tak skal du have Dėkuji תודה Gràcies Asante Go raibh maith agat

Թախմատ Երախմատ Kiitos teşekkür ederim Dank je þakka þér fyrir

Lance THOMPSON
Secretary, UN/CEFACT
lance.thompson@un.org
UNECE – UN/CEFACT
Geneva, 5 October 2020

UN / CEFACT