UNECE-UN/CEFACT

UN/CEFACT Projects through Open Development Process

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United Nations Economic Commission for Europe

- Trusteeship Council
- Security Council
- General Assembly
- Economic and Social Council
- International Court of Justice
- Secretariat

**FUNCTIONAL COMMISSIONS:**
- Human rights
- Narcotic drugs
- Crime prevention and criminal justice
- Sustainable development
- Etc....

**REGIONAL COMMISSIONS**
- Economic Commission for Africa
- Economic Commission for Europe
- Economic Commission for Latin American and Caribbean
- Economic and Social Commission for Asia and the Pacific
- Economic and Social Commission for Western Asia

**PROGRAMMES AND FUNDS**
- UNCTAD
- UNDP
- UNEP
- UNICEF
- UNCDF
- ......
About UN/CEFACT

Objectives
• Simple, transparent and effective processes for global business
• Efficient and automated exchange of information
• Targeted support to SDGs 8, 12, and 17

Deliverables
• Nearly 50 global trade facilitation recommendations
• 950 e-Business standards and guidelines

Means
• Public-Private Partnership
• Over 1500 experts working on 39 active projects
• Bi-annual Forums and annual Plenary sessions
• Regular Bureau calls
Semantic Hub for Standardization

**Commercial Procedures**
- Establish Contract
- Order Goods
- Advise On Delivery
- Request Payment
- Packing
- Inspection
- Certification
- Accreditation
- Warehousing

**Transport Procedures**
- Establish Transport Contract
- Collect, Transport and Deliver Goods
- Provide Waybills, Goods Receipts Status reports etc.

**Regulatory Procedures**
- Obtain Import/Export Licences etc
- Provide Customs Declarations
- Provide Cargo Declaration
- Apply Trade Security Procedures
- Clear Goods for Export/Import

**Financial Procedures**
- Provide Credit Rating
- Provide Insurance
- Provide Finance
- Execute Payment
- Issue Statements

**Involves**

- Prepare for Export
- Export
- Transport
- Prepare for Import
- Import

- BUY
- SHIP
- PAY
UN/CEFACT deliverables samples

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 of centrally developed and maintained EDI standards 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.

These are some examples of UN/CEFACT’s deliverables. The full list can be found and downloaded from our website: www.unesc.org/edifact
UN/CEFACT Open Development Process

Outcomes and participation in UN/CEFACT

• 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
Welcome participation by anyone designated as an expert by a Head of Delegation to UN/CEFACT.

Encourage global input.

Work collaboratively and effectively.

Not incorporate specific hardware and/or proprietary software requirements into their processes or deliverables, or the implementation.

Understand and agree to be subject to the UN/CEFACT Intellectual Property Rights (IPR) Policy and the UN/CEFACT Code of Conduct.
The UN/CEFACT Open Development Process (ODP) is a transparent and inclusive process that allows stakeholders from all over the world to participate in the development of UN/CEFACT standards.

1. Inception
2. Requirements Gathering
3. Draft Development
4. Public Review
5. Project Exit
6. Publication
7. Maintenance
The creation of a **Project Proposal** and the identification of potential project team members. The Project Proposal outlines the objectives, scope, and expected deliverables of the project.
2. Requirements Gathering

• The process of identifying and defining the needs, objectives, and expectations of stakeholders for the development of a new UN/CEFACT standard or the revision of an existing one.

• This step also includes recruitment of individual to the project team to assist in the development of the project objectives.
3. Draft Development

Encompasses a variety of activities, including research, consultation with stakeholders, during the on-going nature of the project and the development.

• **Project Team Calls** (Weekly, Bi-Weekly, Monthly) supported by the UNECE Secretariat

• **Documentation** (Meeting Minutes/Recordings, Draft Documents, etc uploaded to the CUE)

• Project progress updates submitted to the Domain Coordinator and Bureau.
4. Public Review

The draft is published for public review and comment. Anyone can provide feedback on the draft, and the working group considers all comments received. The draft project deliverables are publicised and share on the UN/CEFACT CUE Platform with a comment log.
Seven-Step Process – Project Exit

5. Project Exit

The project team considers the comments received during the public review and makes any necessary revisions to the draft to provide the final version.
UN/CEFACT Open Development Process

Seven-Step Process – Publication

6. Publication

The final version of the project deliverables are published.
UN/CEFACT Open Development Process

Seven-Step Process – Maintenance

7. Maintenance

Involves periodic reviews of existing standards to ensure that they remain relevant and effective. It may also include the addition on new data elements to the UN/CCL (Core Component Library) etc.
Publication types for Plenary information or approval

• UNECE Recommendations for approval
• UN/CEFACT Business Standards for information
• UN/CEFACT Technical Standards for information
• UN/CEFACT deliverables for information
Home Page of the Collaborative UN/CEFACT Environment (CUE)

https://uncefact.unece.org/
How to Participate

1. Registration
   i. Registering as a UN/CEFACT Expert and Access to the CUE

2. Introduction of Collaborative UN/CEFACT Environment (CUE)
   i. Log-in to the platform
   ii. Project pages etc
How to register as a UN/CEFACT Expert?
http://www.unece.org/cefact

https://unefact.unece.org/display/unefactpublic/
UNCEFACT+Expert+Registration
Active Projects

• Business Requirement Specific for Digital Product Conformity Certificate Exchange
• Digitalization Transit Accompanying Documents
• GeoFencing Facilities
• Parcel Goods Traceability in Last-mile Delivery
• Cross Border Inter-ledger Exchange for Preferential CoO Using Blockchain
• UN/CEFACT Chain Project
• Digital Identity Standardization for Trade Facilitation
• Transparency at Scale Digital Solutions for Trust, Resilience and Sustainability: Verifiable Credentials in Supply Chains
• Circular Economy Reference Data Model
• Critical Minerals Traceability and Sustainability
Thank you for your attention!

For any questions, contact the secretariat via email yan.zhang1@un.org

https://unece.org/trade/uncefact