

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



Opening Session of the 39<sup>th</sup> UN/CEFACT Forum



**Ms. Maria Teresa Pisani**  
(OiC) Chief of the Trade Facilitation Section



**Dr. Hanane Becha**  
Vice Chair, UN/CEFACT



**Ms. Kamola Khusnutdinova**  
Acting Secretary of UN/CEFACT

5<sup>th</sup> December 2022, Geneva



**UN / CEFACT**

# Agenda of the 39th UN/CEFACT Forum

## 5 December 2022

## 6 December 2022

10:30-11:00

◆ Opening Session

11:00-13:00

◆ Digital documents - challenges to Transit  
◆ Seeing the global supply chain: knowledge graphs with UN semantics

◆ Verifiable Credentials for Trade, Digital ID for Trade, eNotarization and Trusted Third Party Services  
◆ Introduction to the Digital Product Conformity Certificate Exchange project and identification of possible links with other UN/CEFACT projects  
◆ Sustainable tourism standards

13:00-14:00

◆ Library Maintenance / EDIFACT review session

14:00-16:00

◆ Single Window Assessment Methodology Workshop  
◆ Use of AI in TF domain and Data Governance for TF  
◆ Working meeting of the ToS on ESG Traceability of Sustainable Value Chains

◆ Supply Chain Simplification of Messages  
◆ Panel discussion on Transport and API  
◆ Cross border management white paper update

16:00-17:00

◆ Closing Session

## Objectives

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

## Key tools

- 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



UN

UN/ECOSOC

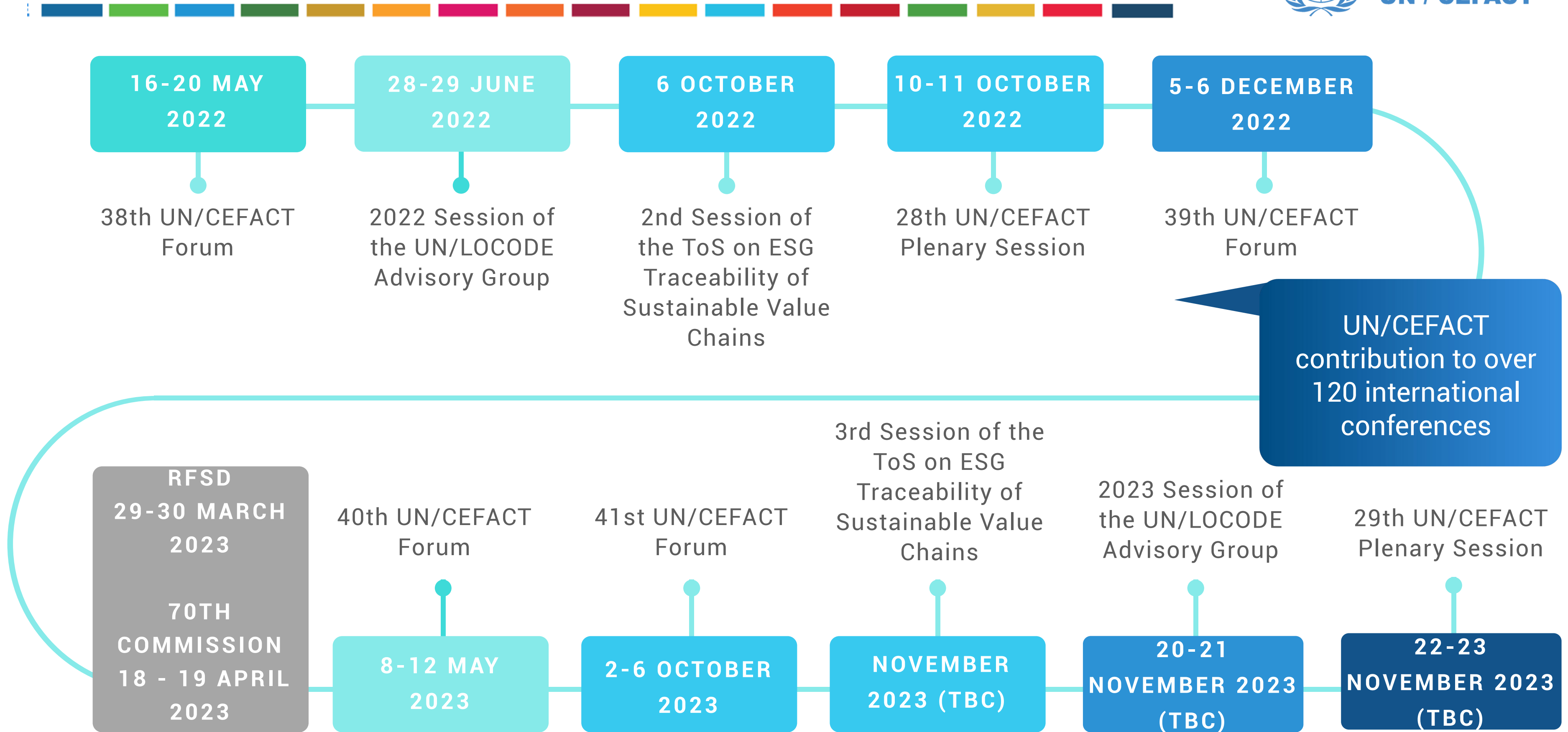
UNECE

EXCOM

UN/CEFACT



# Key events in 2022-2023



## 69th session

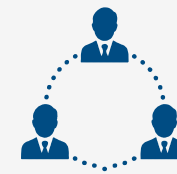
### promoting circular economy and sustainable use of natural resources



- ECE Recommendation No. 46 with its implementation guidelines
- “The Sustainability Pledge” Call to Action received nearly 100 pledges from 350 industry actors
- Reference Data Model for Sustainable Development and the Circular Economy (SDCE RDM) Project
- UN/CEFACT standards for **connectivity and semantic interoperability**
- ECE Recommendation No.43 on Sustainable Procurement

## 70th session

### digital and green transformations for sustainable development



ECE Recommendation No.2 on Layout Key



UN/CEFACT semantic data models (e.g. SDCE RDM project)



UN/CEFACT White Papers:

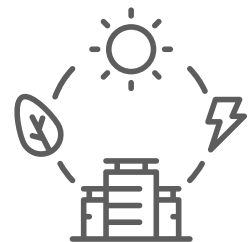
- eDATA Verifiable Credentials for Cross Border Trade
- IoT Standards for Trade Facilitation
- Open Finance to Support Trade Facilitation
- Blockchain for Trade and the SDGs

# Key materials of impact in 2021-2022



## Normative work

- Revised Recommendation No.2
- Recommendation No. 46 and the Sustainability Pledge
- Over 20 e-Business standards and BRSs published



## UN/CEFACT standards and tools referenced in

- WTO-ICC Standards Toolkit for Cross-border Paperless Trade
- WTO-WEF report: The Promise of TradeTech: Policy approaches to harness trade digitalization
- EU Strategy for Sustainable and Circular Textile
- EU Proposal for a Directive on corporate sustainability due diligence
- DCSA announcement of the Standards for the Bill of Lading



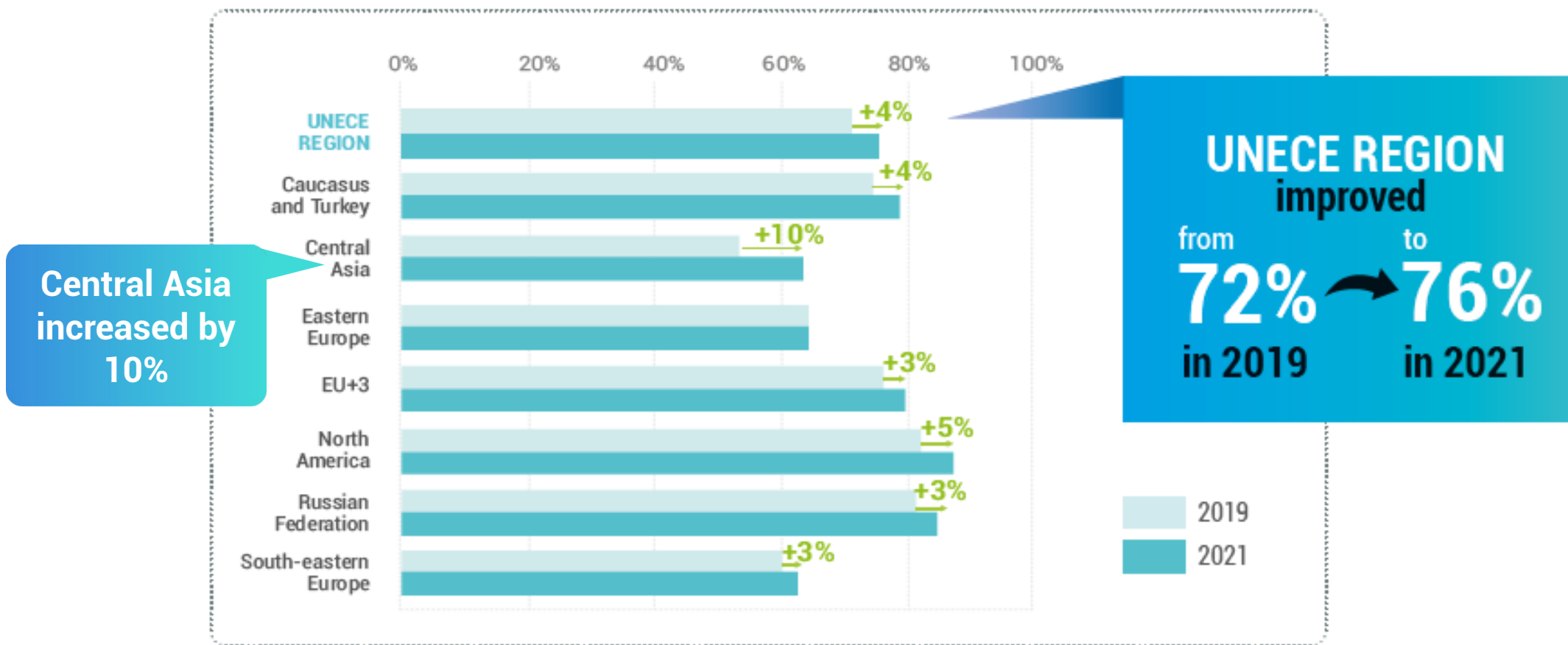
## Recent news stories

- UNECE-FIATA joint press-release on Multimodal Bill of Lading (eFBL) data standard
- UNECE Team of Specialists on Environmental, Social and Governance traceability in the UNECE region press-release
- UN/CEFACT Integrated Track and Trace for Multi-Modal Transportation Business Requirements Specification press-release
- **17 news items and 13 press-releases published on UNECE website; total references captured in media amounting to 493 articles (Jan - Oct 2022)**



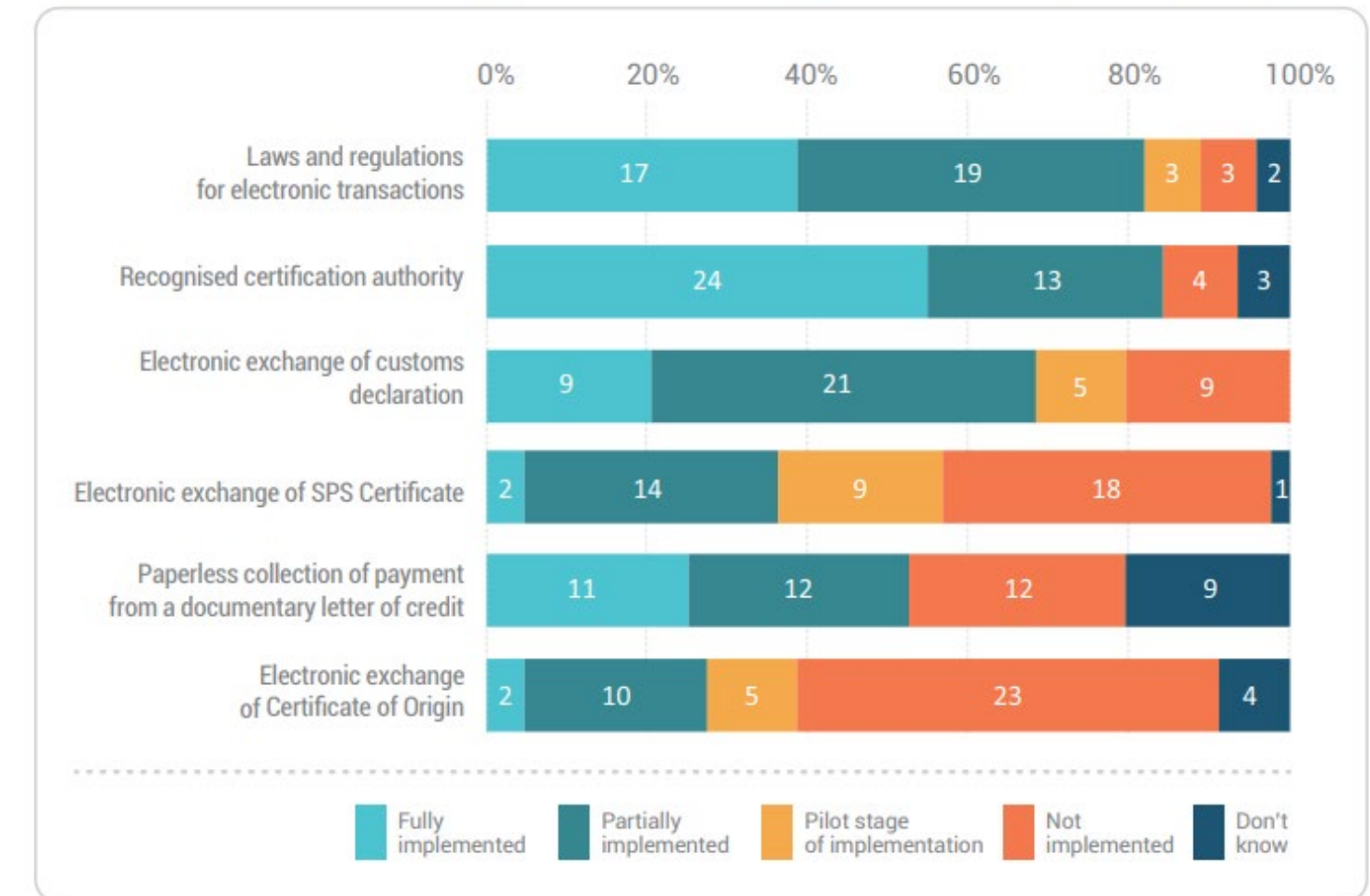
# Key trends in the UNECE region from UN Global Survey on Digital and Sustainable Trade Facilitation, 2021

Implementation rates of trade facilitation measures, by country group, UNECE, 2019 and 2021 (%)



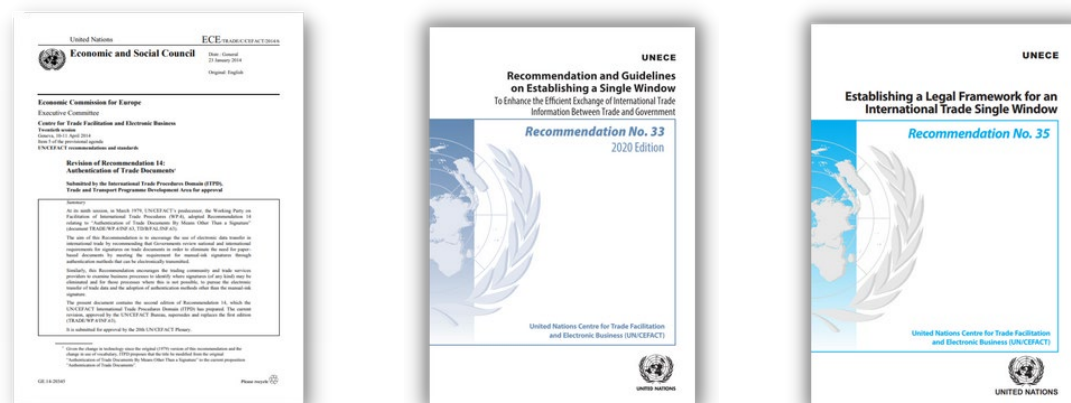
Source: UNECE, based on United Nations Global Survey on Digital and Sustainable Trade Facilitation, 2021.

Implementation rate of Cross-border paperless trade measures, by number of countries, UNECE, 2021 (%)



Source: UNECE, based on United Nations Global Survey on Digital and Sustainable Trade Facilitation, 2021.

## UN/CEFACT tools supporting implementation:



- **Recommendation No. 14** on authentication of trade documents
- **Recommendation No. 33** on Single Window and others
- **Recommendation No. 35** on establishing a legal framework for an international trade Single Window



# Technical cooperation activities



## Joint activities with UN Regional Commissions and other partners

- 5 UN Development Account (UNDAs) projects ongoing
- UN Global Survey on Digital and Sustainable Trade Facilitation for 143 countries (2021-2023)
- EU funded project for enhancing traceability and transparency of sustainable value chains in garment and footwear, jointly with ITC, ILO (2019-2024)



## Capacity building and advisory services

- Trade facilitation technical assistance projects for transition economies (**Azerbaijan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan**)
- Business Process Analysis in **Georgia and Kyrgyz Republic**
- Blockchain pilots for global value chains (cotton, leather, wool and cashmere) piloted in **Brazil, India, Egypt, India, Peru, Turkey, Uzbekistan**; carried out in cooperation with value chain actors in **Denmark, Germany, France, Italy, Switzerland and UK**
- Training Material on helping MSMEs to digitalize their procedures



- **20 % of activities in the National Trade Facilitation Roadmap 2021-2025 implemented in the Kyrgyz Republic**
- **Centre for Trade Facilitation of the Kyrgyz Republic trained over 100 trade facilitation experts in Central Asia**

# Cooperation with other organizations

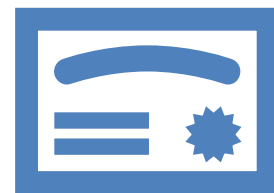
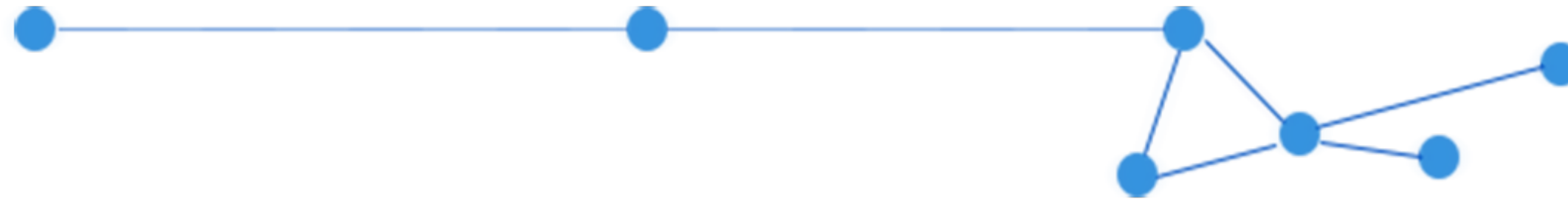


**EC**  
DG-MOVE  
DG-TAXUD  
DG-MARE  
DG-INTPA  
DG-DIGIT  
**EEC**  
**OECD**

**GS1**  
**IPCSA**  
**PROTECT**  
**FIATA**  
**SMDG**  
**DCSA**

**ISO**  
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**ITU**  
**WTO**  
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**IATA**  
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## Collaborative UN/CEFACT Environment



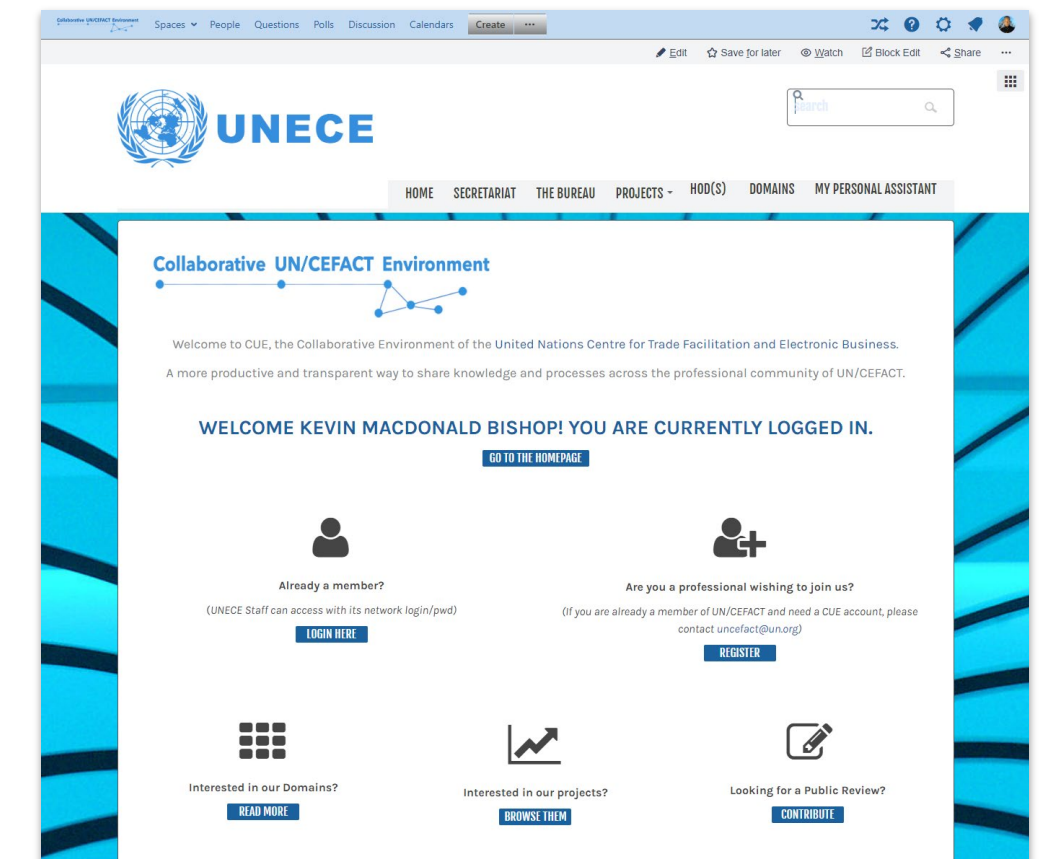
### 1. Registration

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



### 2. Introduction of Collaborative UN/CEFACT Environment (CUE)

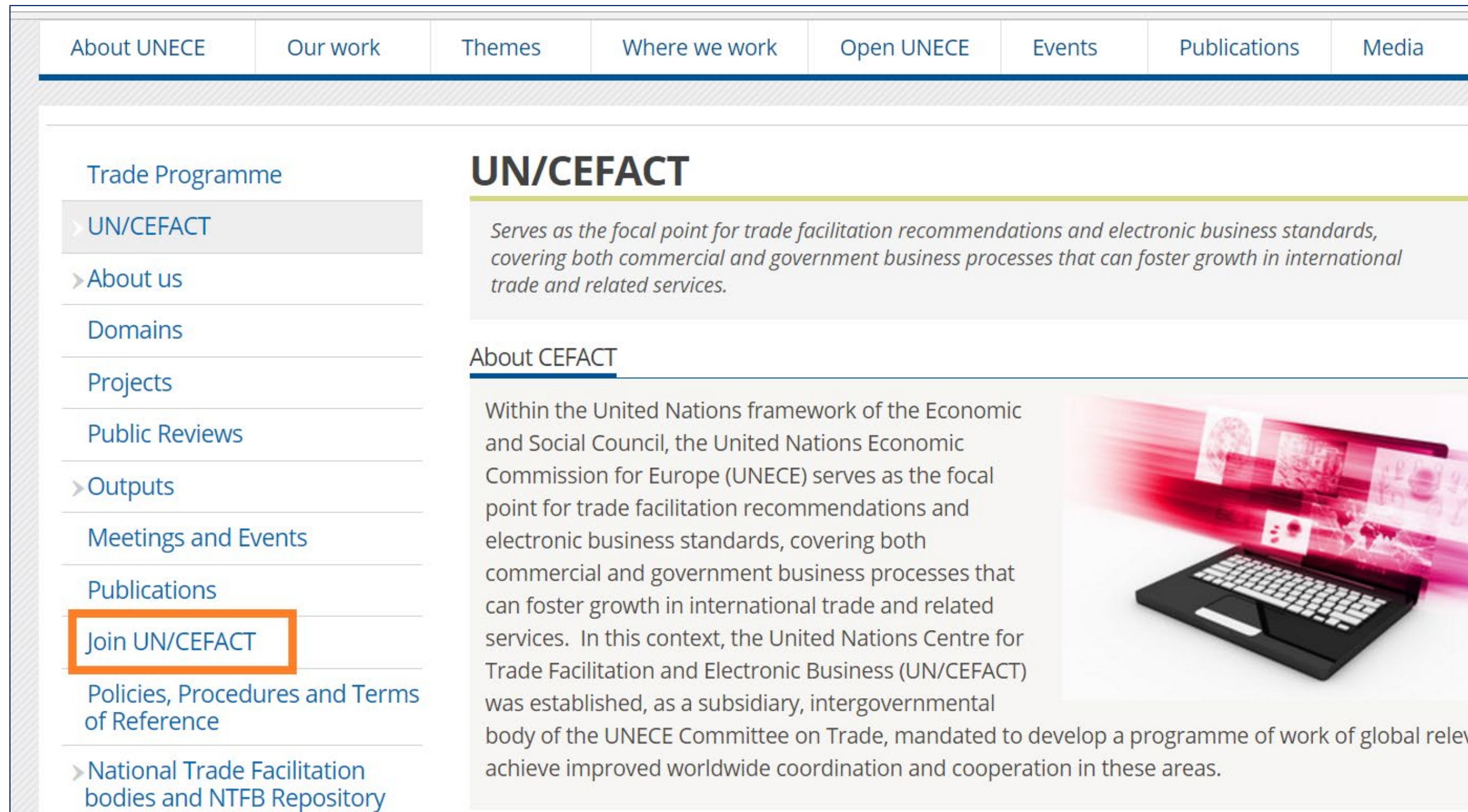
i. Log-in to the platform  
ii. Project pages etc



# The Use of the Collaborative UN/CEFACT Environment

How to register as a UN/CEFACT Expert?

<http://www.unece.org/cefact>



The screenshot shows the UN/CEFACT website with a navigation menu at the top: About UNECE, Our work, Themes, Where we work, Open UNECE, Events, Publications, and Media. On the left, a sidebar menu includes Trade Programme, UN/CEFACT (highlighted), About us, Domains, Projects, Public Reviews, Outputs, Meetings and Events, Publications, Join UN/CEFACT (highlighted with an orange box), Policies, Procedures and Terms of Reference, and National Trade Facilitation bodies and NTFB Repository. The main content area features a header for UN/CEFACT with a description: "Serves as the focal point for trade facilitation recommendations and electronic business standards, covering both commercial and government business processes that can foster growth in international trade and related services." Below this is a section for About CEFACT, which states: "Within the United Nations framework of the Economic and Social Council, the United Nations Economic Commission for Europe (UNECE) serves as the focal point for trade facilitation recommendations and electronic business standards, covering both commercial and government business processes that can foster growth in international trade and related services. In this context, the United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT) was established, as a subsidiary, intergovernmental body of the UNECE Committee on Trade, mandated to develop a programme of work of global relevance to achieve improved worldwide coordination and cooperation in these areas." An image of a laptop with a red-tinted screen showing various icons is positioned to the right of the text.

# The Use of the Collaborative UN/CEFACT Environment

[www.unece.org/cefact.html](http://www.unece.org/cefact.html)

About UNECE | Our work

Trade Programme

- > UN/CEFACT
- > About us
- Domains
- Projects
- Public Reviews
- > Outputs
- Meetings and Events
- Publications
- Join UN/CEFACT**
- Policies, Procedures and Terms of Reference

### Collaborative UN/CEFACT Environment

Welcome to CUE, the Collaborative Environment of the United Nations Centre for Trade Facilitation and Electronic Business. A more productive and transparent way to share knowledge and processes across the professional community of UN/CEFACT.

**Already a member?**  
(UNECE Staff can access with its network login/pwd)  
[LOGIN HERE](#)


**Are you a professional wishing to join us?**  
(not yet an officially registered UN/CEFACT expert? Register here first)  
[REGISTER](#)

**Interested in our Domains?**  
[READ MORE](#)

**Interested in our projects?**  
[BROWSE THEM](#)

**Looking for a Public Review?**  
[CONTRIBUTE](#)

  
[www.unece.org/cefact](http://www.unece.org/cefact)



### UN/CEFACT EXPERT REGISTRATION

**CONTACT INFORMATION**

Presentation  Mr.  Ms.

First Name

Last Name

Government Agency or Department / Organization / Institution   
Please format as: Name, (Acronym)

Job Title

Address

City

PostalCode

Country

Phone   
Please write in this format: +41 (0) 22 91712345

Email

<https://uncefact.unece.org/display/uncefactpublic/UNCEFACT+Expert+Registration>

## Confluence

THE NEW CONFLUENCE - AN  
HARMONIZED FRAMEWORK FOR  
PROJECTS COLLABORATION and  
COMMUNITY BUILDING



**The Collaborative UN/CEFACT Environment (CUE). It contains 6 main sections:**

- The Home Page (Updates and Highlights – Project, Page and Bureau Updates)
- The Secretariat (How to Contact us etc.)
- The Bureau (Bureau Meeting Minutes and Decision)
- Projects (Active Projects by Programme Development Areas, Project Map and Public Reviews)
- HODs (UN/CEFACT Heads of Delegation)
- Domains (UN/CEFACT Domains – Background Information and Knowledge Resources)

**The CUE provides knowledge management, mapping of all the projects running in each Programme Development Area and aids in the delivery of support to the UN/CEFACT experts.**

Extensionally, all the people representing a knowledge asset for UN/CEFACT are those from the Secretariat and those in the network of experts. Both these groups influence each other and interact in a variety of processes. We can so affirm that everything that UN/CEFACT and its network of experts know is distributed across workflow processes and people involved in those processes. Substantially, every time we try to identify a piece of knowledge we are trying to freeze what an interaction among people in a certain workflow contains. What they know, before, during and after the interactions within the workflow, represents a piece of UN/CEFACT knowledge

### **Documents Management\***

The document area is a space mainly used for generic content and document sharing. Some tutorials, how to guides and other kind of materials might be found here. The goal is clear, yet an area of this kind must be highlighted better in order to guide the users in taking advantage of the knowledge inside that will affect the way they will gather the rest of the knowledge in the system.

### **Active Projects - Programme Development Areas\***

The project area where all the program development areas are described with all the projects associated is a fundamental part of the current confluence. It gives experts, HoD and Secretariat, a shared way to monitor the activities of each project and to document the stages. It contains some project management tools (like the template to structure a project) but it doesn't offer a real monitoring and collaborative organisation that can ease the overall process of project development.

# The Use of the Collaborative UN/CEFACT Environment



Home Page of the Collaborative UN/CEFACT Environment (CUE)  
<https://uncefact.unece.org/>

Contact Information and Questions  
[UNECE UN/CEFACT Secretariat](#)

# The Use of the Collaborative UN/CEFACT Environment



## UN/CEFACT Projects Active Projects by Programme Development Area

The screenshot displays the UN/CEFACT Projects website. At the top left is the UNECE logo. A navigation menu includes: HOME, SECRETARIAT, THE BUREAU, PROJECTS - (selected), HOD(S), DOMAINS, MY PERSONAL ASSISTANT. A search bar is located to the right of the logo.

The main content area is titled "UN/CEFACT PROJECTS" and includes a "PUBLIC UN/CEFACT WEBSITE" link and a "Create a New Project Proposal" button. Below this, the section "ACTIVE PROJECTS BY PROGRAMME DEVELOPMENT AREA" features a table with columns: International Trade Procedures, International Supply Chain, Regulatory and eGovernment, Methodology and Technology, Other Working Group, and (Archived). Under "International Trade Procedures", there are three project items:

- Recommendation for Trade information Portal
- Recommendation on Encouraging Private Sector participation in NTFB
- Single Window Assessment Methodology SWAM

Below this table is the "ACTIVE PROJECTS BY DOMAIN" section, which contains a grid of domain tags: Accounting & Audit, Agriculture Fisheries and Agri food, Cross Border Management, eData Management, Environment Management, Finance and Payment, Insurance & Health, Trade Procedures Facilitation, Libraries & Schema, Single Window Domain, Specification, Supply Chain & Procurement, UN/EDIFACT, Transport & Logistics, Travel & Tourism, UN/LOCODE, and Validation.

To the right of the main content area, a section titled "ALL THE PROJECT PROPOSALS (ACTIVE/INACTIVE/ARCHIVED)" is marked as "RESTRICTED TO MEMBERS". It lists the following project proposals:

- ACCOUNTING AND AUDIT REFERENCE DATA MODEL
- ACCOUNTING BUNDLE COLLECTION
- ACCOUNTING CHART OF ACCOUNTS
- ACCOUNTING ENTRY
- ACCOUNTING JOURNAL
- ACCOUNTING LEDGER
- ACCOUNTING MESSAGE
- ACCOUNTING REPORTING
- ACCOUNTING TRIAL BALANCE
- ALIGNMENT OF MASTER DATA FOR METERING POINT AND OF MEASURED DATA IN THE DEREGULATED ENERGY MARKET
- ANIMAL TRACEABILITY DATA EXCHANGE
- API TOWN PLAN
- APPLICATION PROGRAMMING INTERFACE TECHNICAL SPECIFICATION (API TECHSPEC)
- AUTOMOTIVE PROJECT
- BACKGROUND RESEARCH ON PUBLIC-PRIVATE-PARTNERSHIP FOR TRADE FACILITATION
- BACKGROUND RESEARCH ON PUBLIC PROCUREMENT USING INTERNATIONAL STANDARDS
- BLOCKCHAIN WHITE PAPER
- BUSINESS STANDARDS FOR SUSTAINABLE TOURISM
- BUY-SHIP-PAY REFERENCE DATA MODEL
- CANONICAL MODEL
- CII-BRS REPOSITORY
- CODE LISTS AND IDENTIFIERS GUIDE FOR THE GARMENT AND LEATHER SECTOR PROJECT



# The Use of the Collaborative UN/CEFACT Environment



## UN/CEFACT Heads of Delegation [UN/CEFACT Experts by Delegation & HOD Quarterly Reports](#)

## UN/CEFACT Domains [Background Information, Scope, Coordinators and Focal Points](#)

COUNTRY	NAME	ORGANIZATION
Australia	Mrs. @Courtney Edwards	Permanent Mission of Australia to the World Trade Organization
Austria	Dr. @Christian Huemer	Vienna University of Technology
Azerbaijan	Mr. @Javad Gasimov	State Customs Committee
Belgium	Mr. @Stefaan THJS	Counsellor, Permanent Mission of Belgium to the UN in Geneva
Brazil	Mr. @Elton Carlos BUSARELLO	Analista Tributário da Receita Federal do Brasil
Canada	Mr. @Christopher O'Toole	Counsellor, Permanent Mission of Canada in Geneva
China	Mr. @Yueming Qiu	China National Institute of Standardization
Colombia	Mr. @Luis Fernando Fuentes Ibarra	Ministerio de Comercio Industria y Turismo
Congo, Republic	Mr. @Bouya Eugene Rufin	DG, Guichet Unique des Opérations Transfrontalières (GUOT)
Croatia	Ms. @Darija Sinjeri	Permanent Mission of the Republic of Croatia to the United Nations and WTO
Czech Republic	Mr. @Vilem Pardubsky	Ministry of Industry and Trade
Cyprus, Republic of	Ms. @Lefki Theodorou	Ministry of Energy, Commerce and Industry
Denmark	Mr. @Adam Arndt	National IT and Telecom Agency
Finland	Mr. @Henri Backman	Ministry of Economic Affairs and Employment
France	Mr. @Rémi Arquevaux	Ministry of Economy, Finance and Industry
Georgia	Ms. @Irina SIGUA	Revenue Service, Department for International Relations
Germany	Mr. @Nedja Hedler	Federal Ministry for Economic Affairs and Climate Action
Greece	Mr. @Nikolaos Georgopoulos	Ministry of Foreign Affairs

Accounting and Audit Domain	Agriculture Fisheries and Agri food Domain	Code List Focal Point	Cross Border Management Domain	eData Management Domain	Environmental Management Domain
Finance and Payment Domain	Health and Insurance Domain	Libraries and Schema Focal Point	Single Window Domain	Specification Domain	Supply Chain and Procurement Domain
Syntax Focal Point	Team of Specialists on Sustainable Fisheries	Trade Procedures Facilitation Domain	Transport and Logistics Domain	Travel and Tourism Domain	UN/LOCODE Advisory Group
Utilities Domain	Validation Focal Point				

# The Use of the Collaborative UN/CEFACT Environment



## Project Pages

The screenshot displays the 'Project Pages' interface for the 'DIGITAL PRODUCT CONFORMITY CERTIFICATE EXCHANGE' project. The interface is divided into three main sections:

- Project Details:** A table listing project information such as Domain, Project Identifier (P114), Bureau Decision # (#2207090), Project Proposal Status (Official), Project Page, Supporting VC (@Ian Watt, @Estelle Igwe), Project Lead (@Brett Hyland), HOD Support (N/A), Status (In development), Version (1.0), Submitted Date (2022-06-27), Draft Development Completion (2022-11-07), and Publication Date (2023-01-07).
- Team Calendar:** A calendar view for December 2022 showing events for the project, including Project Milestones and Meeting Minutes.
- Document Viewer:** A section titled 'WHITE PAPER ON PRODUCT CONFORMITY CERTIFICATE EXCHANGE (LIVE EDIT)' showing a document titled 'White Paper - Digital Product Conformity Certificate Exchange v1' with a 'FILE SHARING WIZARD' for uploading project files.

## Public Information

Accessible by external users and displays project details and requirements.

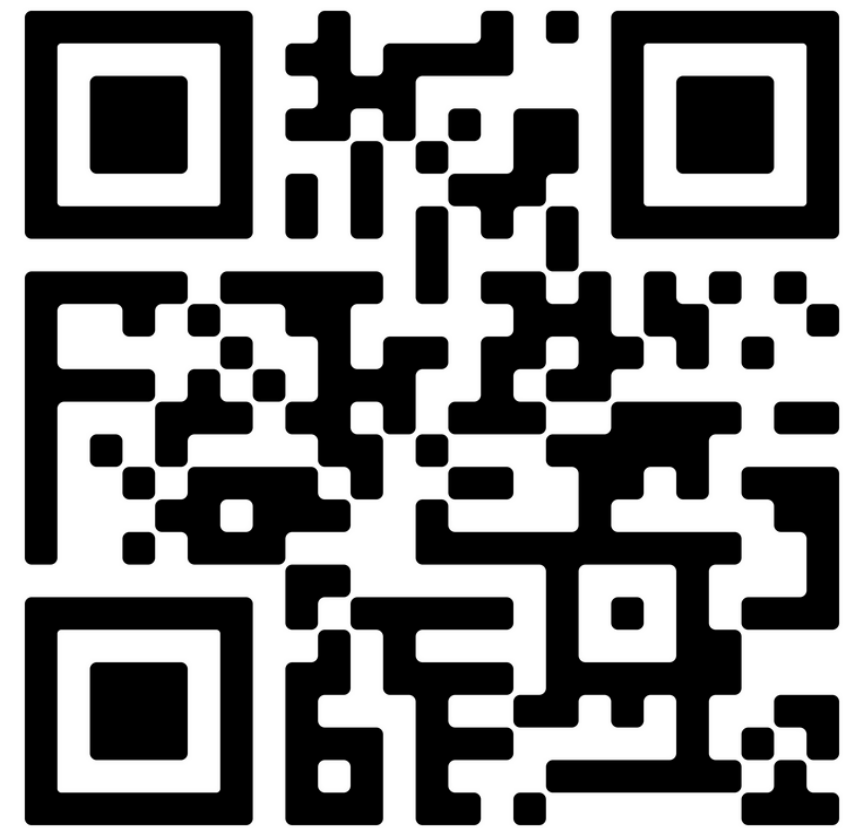
## Private Collaboration

Accessible only by internal (registered) users and store project working documents i.e drafts and meeting minutes

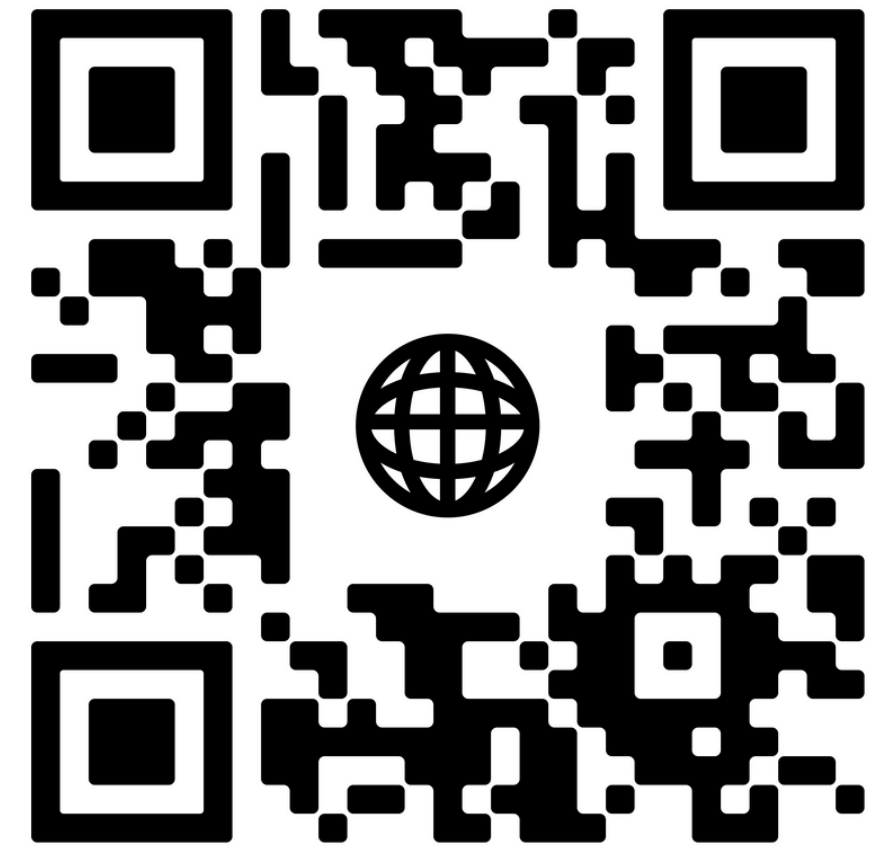
**Thank you for your attention!**



**UN / CEFACT**



**UN/CEFACT website**



**The Chair's report**

For any questions, contact the ECE Secretariat via email [uncefact@un.org](mailto:uncefact@un.org)