Agenda

- UNECE and Trade Facilitation
- UN/CEFACT Mission
- UN/CEFACT Deliverables

- How project development works
- How to participate in a working group
- Where to find documents
### UN Economic Commission for Europe (UNECE)

#### 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
- ........
UNECE & Trade Facilitation

TRADE FACILITATION

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

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

Standardization
Process of developing internationally agreed formats for practices and procedures, documents and information
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
UN/CEFACT – Collaboration

• UN/CEFACT collaborates with a number of international organisms in developing and maintaining standards

• UN/CEFACT also collaborates with a number of international organisms to promote the use of international standards
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

Buy  Ship  Pay
UN/CEFACT 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 (recently revised)
- Rec15 – Simpler Shipping Marks
- Rec16 – LOCODE Code for Trade and Transport Locations (being 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)
UN/CEFACT – Single Window

- Rec33 – Single Window Recommendation (being revised)
- Rec34 – Data Simplification and Standardization for International Trade
- Rec35 – Establishing a legal framework for international trade Single Window
- Rec36 – Single Window Interoperability
- Technical Note on terminology for Single Window and other electronic platforms

Work in progress:
- Recommendation Project on Core Principles of Single Window Operations
- Single Submission Portal
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/CEFACT – Code Lists

<table>
<thead>
<tr>
<th>Code List</th>
<th>Rec</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN/CEFACT Code Lists</td>
<td>Other EDIFACT Code Lists</td>
</tr>
<tr>
<td>Date Formats</td>
<td>Rec 7</td>
</tr>
<tr>
<td>UN/Locode</td>
<td>Rec 16</td>
</tr>
<tr>
<td>Means of Transport</td>
<td>Rec 28</td>
</tr>
<tr>
<td>Mode of Transport</td>
<td>Rec 19</td>
</tr>
<tr>
<td>Package Codes</td>
<td>Rec 21</td>
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<td>Rec 9</td>
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<td>Rec 3</td>
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<tr>
<td>Currency Code</td>
<td>Rec 5</td>
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<tr>
<td>UNIC</td>
<td>Rec 8</td>
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<td>Units of Measurement</td>
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<td>Rec 20</td>
</tr>
</tbody>
</table>

**Notes:**
- Each code list (i.e., Date Formats, UN/Locode, etc.) is referenced by a specific `Rec` number.
- The diagram illustrates how various code lists are interconnected, indicating their role in the export declaration process.

**Example:**

```
<table>
<thead>
<tr>
<th>Field</th>
<th>Code List</th>
<th>Rec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consignor</td>
<td>UN/CEFACT Code Lists</td>
<td>Other EDIFACT Code Lists</td>
</tr>
<tr>
<td>Consignment No.</td>
<td>Date Formats</td>
<td>Rec 7</td>
</tr>
<tr>
<td>No.</td>
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</table>
```

**Example Usage:**

- When declaring goods for export, ensure to use the appropriate code list for each field, as specified by the UN/CEFACT standard.
- Refer to the `Rec` numbers for detailed guidelines on how each code list should be implemented in the declaration form.
Electronic Document Exchange
XML or UN/EDIFACT

<?xml version="1.0" encoding="UTF-8"?>
<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_0p70_Invoice.xsd">
  <ID>token</ID>
  <IssueDate>2003-02-14</IssueDate>
  <TaxPointDate>2003-02-14</TaxPointDate>
  <BuyerParty>
    <PartyName>
      <Name>Bills Microdevices</Name>
    </PartyName>
  </BuyerParty>
  <SellerParty>
    <ID/>
    <PartyName>
      <Name>Joes Office Supply</Name>
    </PartyName>
  </SellerParty>
  <InvoiceLine>
    <ID>1</ID>
    <InvoicedQuantity unitCode="token">5</InvoicedQuantity>
    <Item>
      <Description>Pencils, box #2 red</Description>
    </Item>
  </InvoiceLine>
</Invoice>
Standardizing Business Processes & Data

**UN/ISCRM**
- Int’l Supply Chain Ref. Model
- Processes harmonized with all other existing business processes

**BRS**
- Business Requirement Specification
- Creates a high-level semantic description of business processes
- Who? ; When?

**RSM**
- Requirements Specification Mappings
- Defines the data elements which are to be exchanged in a business process
- What data for this business process?

**UN/CCL**
- Core Component Library
- All of the data elements (as well as the data elements in their business context) are entered into this semantic library
- Data harmonized with all other existing business processes

**CCBDA**
- Core Component Business Document Assembly
- Creates a subset of the CCL with the corresponding RSM which will reply to this business process

**CCBDA - MA**
- Core Component Business Document Assembly – Message Assembly
- Defines the data elements which are to be exchanged in a business process
- What data for this business process?

**CCTS**
- Core Component Technical Specification
- Explains how to create new data elements and their relations within the CCL library

**BRS**
- Business Requirement Specification
- Creates a high-level semantic description of business processes
- Who? ; When?

**RSM**
- Requirements Specification Mappings
- Defines the data elements which are to be exchanged in a business process
- What data for this business process?

**UN/CEFACT**
- UN/CEFACT Modelling Methodology
- Explains how to create new models and their relations within the ISCRM library

**NDR**
- Naming & Design Rules
- Defines how to create a sample XML schema from the UN/CCL

**RDM**
- Reference Data Model
- Logical subset of the UN/CCL that represent a given context

**XML**
UN/CEFACT Bureau
From 05/2018

Sue PROBERT
Chair

Estelle IGWE
ITP PDA

Int’l Trade Procedures
SWD
Single Window
TFIG Focal Point
TFA Focal Point

International Supply Chain PDA
ISC Orchestrat° Focal Point
SC-P Supply-Chain & Procuremt
F-L Transport & Logistics

Accounting / Audit
Finance & Payment
Insurance

A+P

Regulatory PDA
Cross-Border Mgmt
e-Governmt
Environmt Mgmt

CBM
EGOV
ENV

Sectoral PDA
Agriculture Fisheries & Agri food
Travel & Tourism
Utilities

AGRI
T+T
UTIL

M+T PDA
Specificat°
Library Maintenance Focal Point
Syntax Focal Point
Validation Focal Point
Project Review & Support Focal Point

Communicat° Focal Point
Anders GRANGÅRD

Ian WATT
Raffaele FANTETTI
Tahseen KHAN
Harm Jan VAN BURG
• Project Proposal

• HoD Support

• Approval by the UN/CEFACT Bureau

• Work undertaken by UN/CEFACT volunteer experts (from public and private sector)
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
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
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
Where to find documents
www.unece.org/cefact
UN/CEFACT
Where to find documents
https://uncefact.unece.org
Where to find documents
tfig.unece.org
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: lance.thompson@un.org
Thank you

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