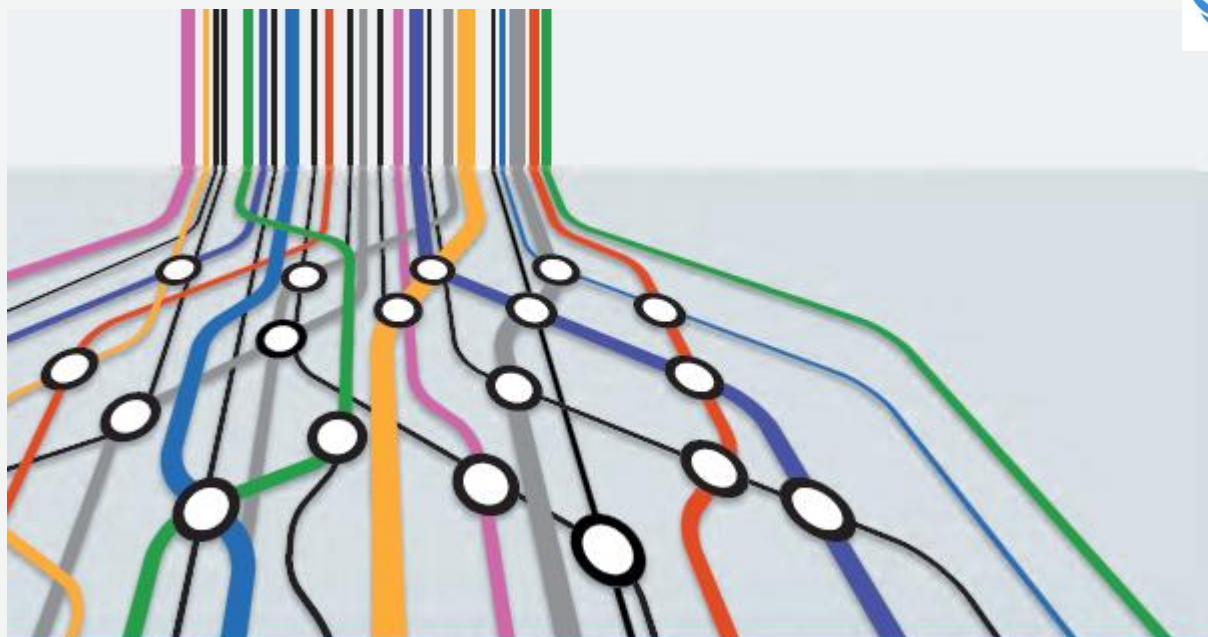


UN/CEFACT WORK

UN/CEFACT



United Nations Centre for Trade Facilitation
and Electronic Business
Geneva

UN/CEFACT MISSION STATEMENT

*...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**...*

UN/CEFACT METHODOLOGIES

Key: **Interoperability**

- Cross-Country
- Cross-Sector
- Cross-System
- ...

Methodology:

„Core Components“ / „Business Information Entities“

UN/CEFACT STANDARDISATION RESULTS

- Business Requirements Specification (BRS)
- Requirements Specification Mapping (RSM)
- Core Components and Business Information Entities
(syntax neutral, Core Component Library)
- XML Schema Definitions (XSD)

UN/CEFACT STANDARDS

- ...
- Cross Industry Ordering
- Cross Industry Invoice
- ...
- Material Safety Data Sheet (MSDS)
- Rapid Alert System for Feed and Food (EC DG Health)
- Trade in Endangered Species of Wild Fauna and Flora (CITES Convention, a.k.a Washington Convention)
- **Transboundary Movements of Waste (TMW, Basel Convention)**
- ...

UN/CEFACT TMW

Background:

- Basel Convention: 184 parties to the Convention
- Regulatory procedures: Companies, Competent Authorities, Customs

Conclusion:

- Electronic solutions **MUST** take into account global cross-country and cross-sector interoperability

Solution:

- Base solution on worldwide standard to avoid risks of stranded investments

UN/CEFACT TMW

Status:

- Outputs (BRS, RSM, XSD, ...) published on UN/CEFACT website

So far 9 types of messages, including

- Notification Submission
- Notification Decision
- Movement Announcement
- Confirmation of Waste Receipt
- Confirmation of Waste Recovery Disposal

TMW TYPES OF DATA

Information exchanged in TMW processes can be distinguished as follows:

1. Descriptive structured data, see Basel/EC forms
2. Additional evidence to be provided, so far typically by attaching document copies – common especially for Notification Submission

Example: The Notification Submission consists of

1. Notification form
2. Additional evidence and data, including
 - Bank guarantee / insurance
 - Contracts, such as between notifier and consignee
 - Waste assessment results (stemming from laboratory analysis)
 - Routing

TMW TYPES OF DATA

As of now

- Descriptive structured data, as foreseen in the Basel/EC forms, is covered in the UN/CEFACT TMW messages
- Additional data or evidence is handled via binary attachments, such as PDF. For example, a PDF for evidence of the financial guarantee

TMW INTEROPERABILITY

TMW is assembled from 22 ACCs

(Aggregated Core Components, classes, semantic building blocks from the UN/CEFACT Core Component Library)

Of these, only 3 were newly introduced for TMW

1. Authorization
2. Issue
3. Material

The other 19, listed on the right-hand-side, were reused from previous submissions, such as from Transport

This ensures high interoperability with standards from Transport & Logistics, Customs, Procurement, etc.

1. Address
2. Characteristic
3. Communication
4. Contact
5. Document
6. Geographical Coordinate
7. Guarantee
8. Instructions
9. Location
10. Measurement
11. Organization
12. Package
13. Party
14. Period
15. Person
16. Process
17. Query
18. Route
19. Transport Movement