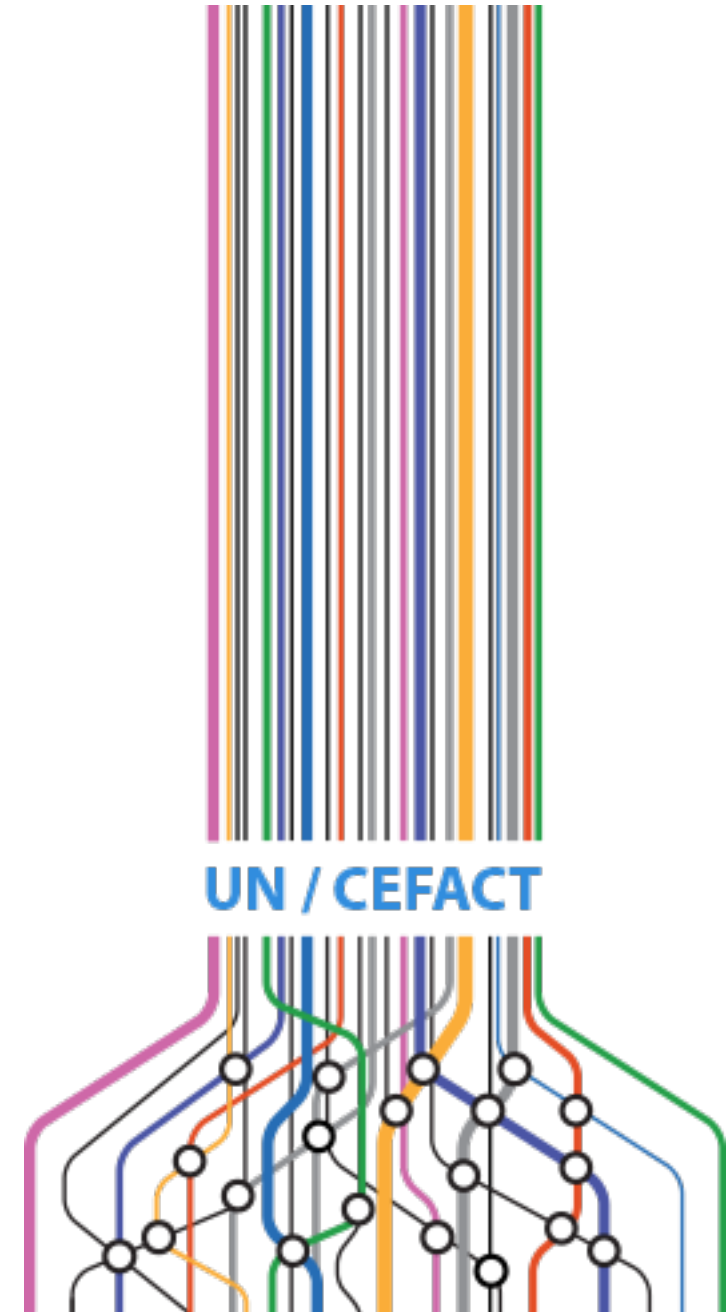


36th UN/CEFACT Forum
ENVIRONMENT DOMAIN SESSION, 29 April 2021, 10:00

Welcome!

- Please feel free to speak up at any time
 - Also feel free to use the chat
- Please mute your microphone while you don't speak
- Feel free to turn on your camera, especially while you speak



Round of introduction

- UN/CEFACT Environment Domain Projects
 - Waste Management project [active]
 - Transboundary Movements of Waste (TMW) [completed]
- Transboundary Movements of Waste implementation
 - UN/CEFACT project recap
 - Recap of existing implementations
 - Presentation of ongoing activities
 - Basel OEWG Electronic Approaches, workshop in January 2021
 - EC DG ENV IMSOC for waste shipments
 - EU eFTI integration – electronic freight transport information
 - EUDIN/AT: Simple waste shipment EDI web service specification soon up for review
 - Open discussion, coordination of further activities

Transboundary Movements of Waste

Project recap

Scope of UN/CEFACT TMW: A.1 and A.2

Highest efficiency/automation/digitalisation potential: **A.2**

A. Waste shipments requiring prior written notification and consent

A.1 Notification and consent process

Steps:

- EO submits notification to CA
- Optional: CA requests additional information from EO
- CA acknowledges receipt of a properly carried out notification to EO
- CA acknowledges receipt of a properly completed notification to EO
- CA issues consent, consent with conditions or objection to EO

A.2 Information process for an individual shipment (“Movement document” process)

Steps:

- EO announces shipment to CAs and other EOs
- Upon request: EO provides consent and individual shipment information to CAs upon inspection and customs controls
- EO confirms receipt of waste to CAs and other EOs
- EO confirms completion of waste treatment to CAs and other EOs

B. Waste shipments not requiring consent – “general information requirements”

B.1 Consignment information process

- EO prepares information to be presented upon request by CAs, such as in inspections, either during or after the shipment

Transboundary Movements of Waste Project recap

From...



Necessity to turn unstructured data into structured data

Very limited automation potential

Necessity to manually type in data!



...to:



Exchange **structured electronic data**

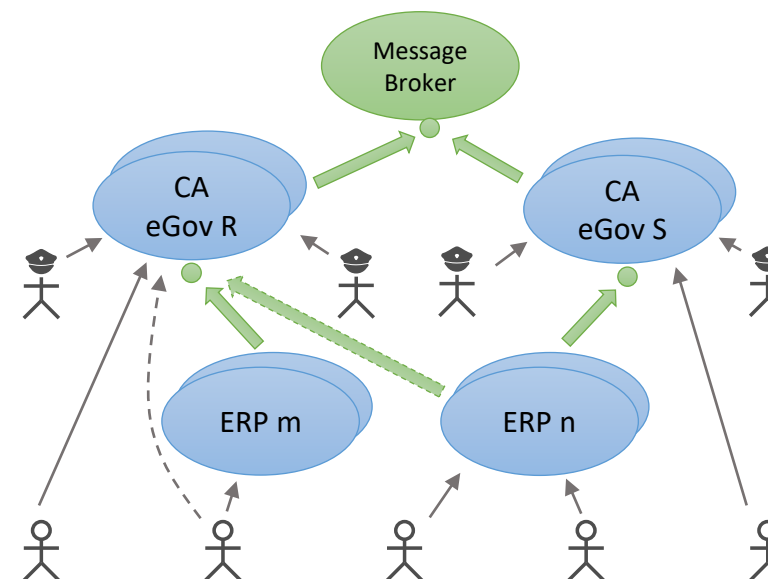
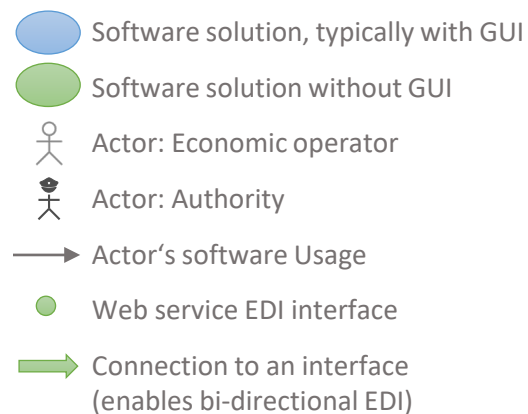
Once data is available in structured electronic format, there is no need to manually re-type/enter

Transboundary Movements of Waste

Ongoing activities

1. Basel OEWG Electronic Approaches
 - workshop in January 2021
2. EC DG ENV IMSOC for waste shipments
3. EU eFTI integration – electronic freight transport information
4. EUDIN/AT Simple waste shipment EDI web service specification
 - soon up for review

TMW - new implementation guide proposal: Simple EDI web service



Goals:

- maximize automation for “A.2” info processes
 - reduce risk of manual intervention being required to a minimum
- make implementation and maintenance of an EDI connection as simple and cost-efficient as possible

New approaches:

- Non-redundancy – no repetition of info already determined by notification/consent
- Party IDs
- Reusable specification of formal validation – Schematron
- Simplified authentication/authorization and general security mechanisms