

SPECA ECONOMIC FORUM

Transforming the SPECA Region into a Connectivity Hub with Global Outreach
Baku, 21-22 November 2023

TRADE FACILITATION AND DIGITALIZATION OF MULTIMODAL DATA AND DOCUMENT EXCHANGE USING UN STANDARDS

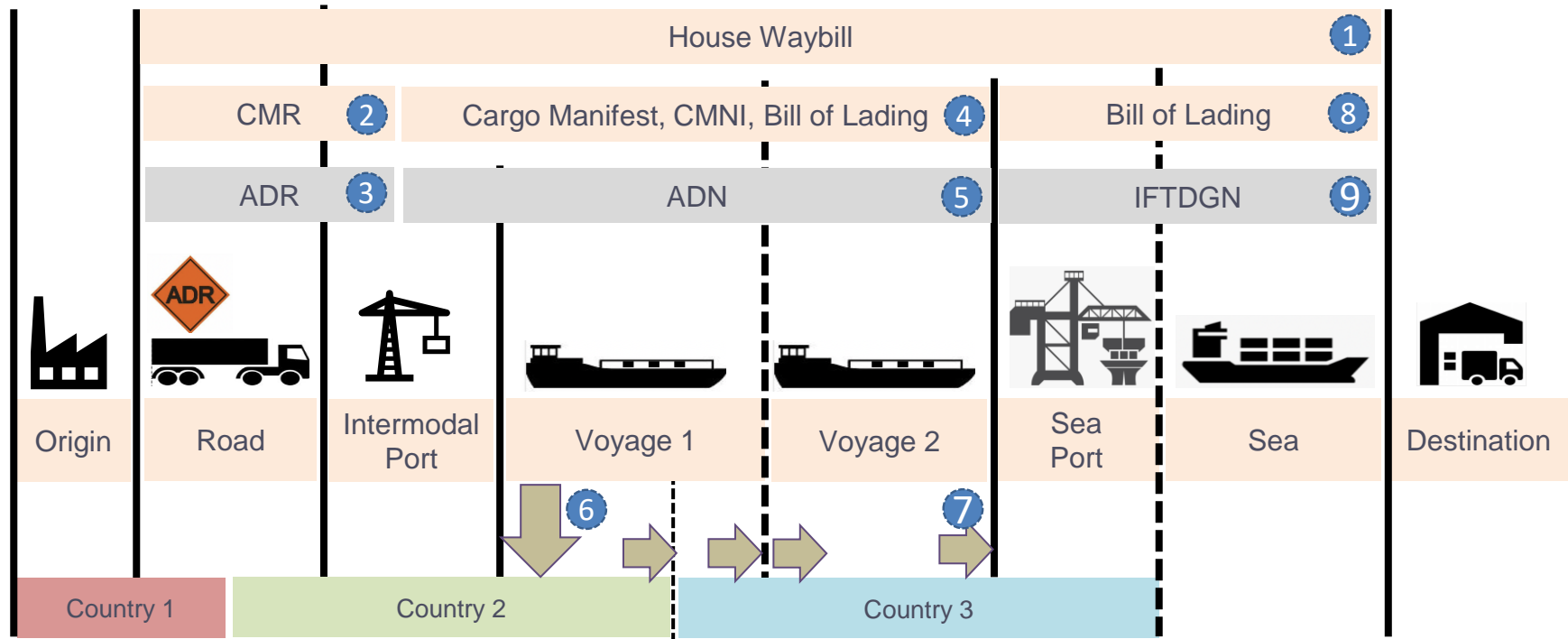
Our goal - link developers of the international (UN) standards for multimodal data and document exchange in the supply chain with practitioners implementing digitalization in the region



**Mario Apostolov, Regional Advisor
Economic Cooperation and Trade Division, UNECE**

Problem: fragmentation of digitalization efforts in the international supply chain

Solution: Seamless multimodal supply chain based on UN standards

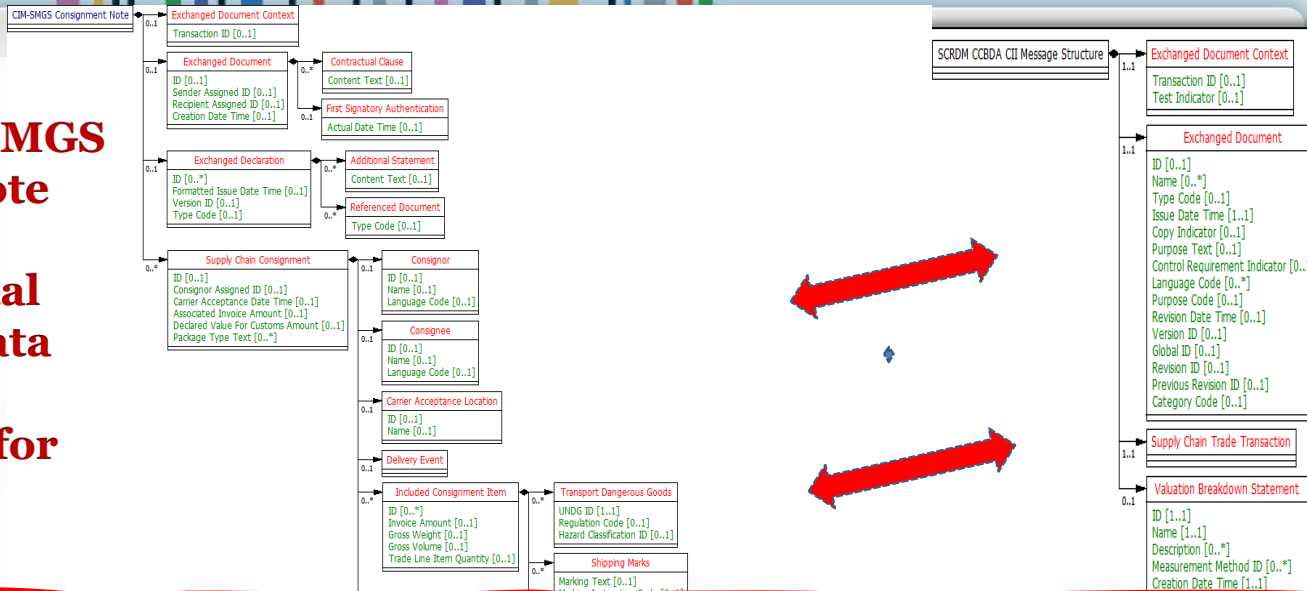


Upgrading existing and developing data exchange standards for key documents accompanying cargo in different modes of transport

Based on UN/CEFACT Multimodal Transport Reference Data Model

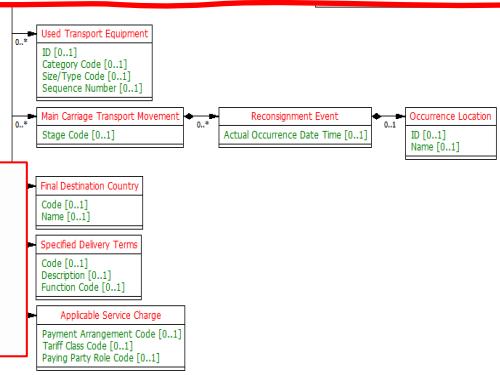
Pilot applications: e.g. in a digital multimodal transport corridor or documents (FIATA B/L, air cargo, IWT)

For example: the CIM-SMGS railway consignment note referenced to the UN/CEFACT Multi-Modal Transport Reference Data Model, according to the prepared XML schema for CIM-SMGS



Transport data and documents can and are exchanged between modes and with other sectors

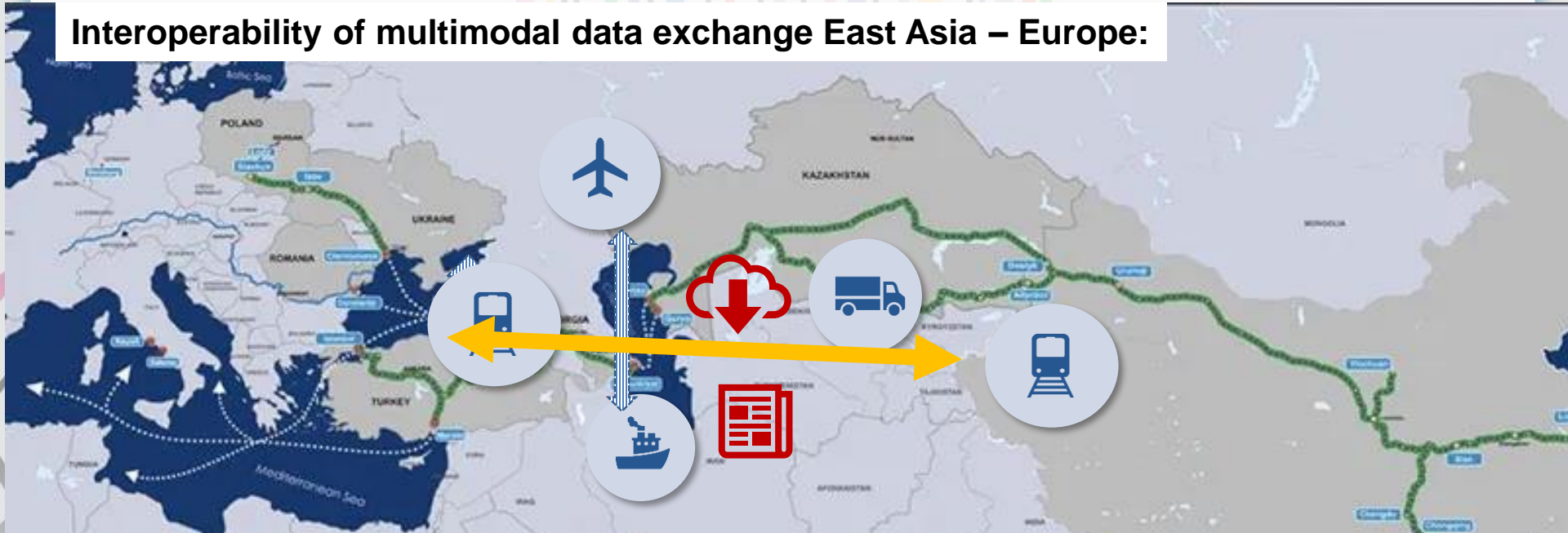
Standards for CIM/SMGS wagon list finalized



[https://service.unece.org/trade/unecefact/publication/Transport and Logistics/CIM-SMGS Consignment Note/HTML/001.htm](https://service.unece.org/trade/unecefact/publication/Transport%20and%20Logistics/CIM-SMGS%20Consignment%20Note/HTML/001.htm)

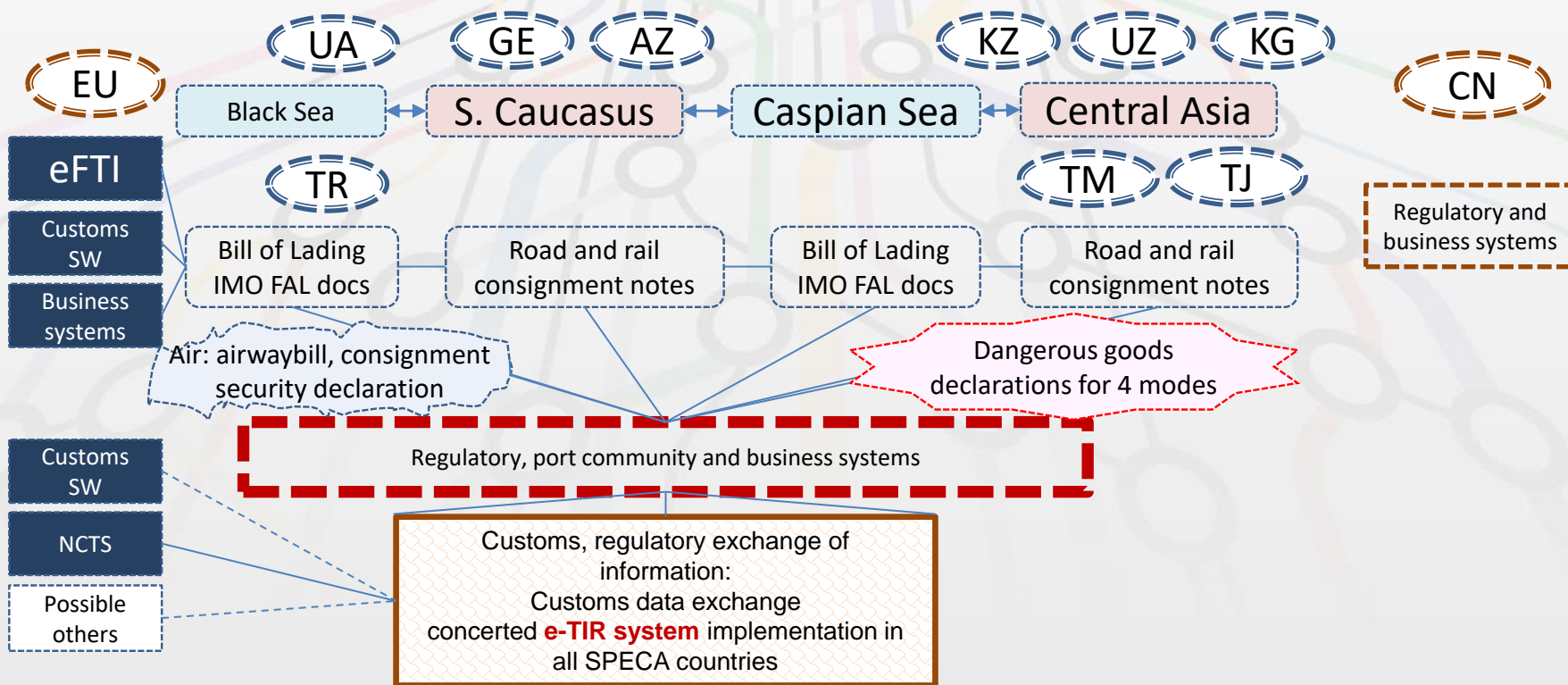
Information betw Europe & Asia

Interoperability of multimodal data exchange East Asia – Europe:



- **Regulatory framework: agreement**
- **EU eFTI Regulation uses UN/CEFACT MTM RDM for interoperability**
- **Technological neutrality: for EDI, XML, JSON API, blockchain**
- **All parties are invited to cooperate and use the standards**
- **Move from document exchange to data sharing (as in eFTI)**
- **Link to normative: eFTI & EU Customs Single Window Regulations:**
<https://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32020R1056;>
<https://eur-lex.europa.eu/eli/reg/2022/2399/oj>

Information chain in the Trans-Caspian route



Roadmap for information exchange digitalization in the Trans-Caspian Corridor using UN standards: background

THE MANDATE: process launched by the [International High-level Conference on Digital Transformation of Information Exchange in Supply Chains Using United Nations Standards](#), Baku, 31 Oct. 2022. recommended to:

- Strengthen training and CB for experts in the region on UN/CEFACT standards,
 - Develop and implement pilot projects, e.g., in the trans-Caspian corridor,
- SPECA [Ministerial Meeting](#) 17 April 2023 requested “UNECE to develop a Roadmap for digitalization of multimodal data and document exchange along the trans-Caspian transport corridor using relevant United Nations standards, including through realizing a regional pilot project for SPECA participating States”

[13th International UNECE “Odessa” seminar](#), 22 Dec.2022, recommended aligning data exchange with the UN/CEFACT Multimodal Transport Reference Data Model and the EU Electronic Freight Transport Information Regulation (eFTI)

So, please help with recommendations for:

- Roadmap for digitalization of multimodal data and document exchange along the trans-Caspian transport corridor using relevant United Nations standards, and
- Pilot implementation projects, notably testing a digital CIM/SMGS CN

Thanks!

Further Information

Standards and reports available on [UNTTC.org](http://unttc.org) project and UN/CEFACT pages.

On the project web site (unttc.org), we upload information on the standards and tools at <https://unttc.org/stream/electronic-trade-and-transport-documents-and-data>

A streamlined web presentation of the UN/CEFACT standards can be found at <https://unece.org/trade/uncefact/standards>

Information on the UN/CEFACT projects:

<https://uncefact.unece.org/display/uncefactpublic/Transport+Modal+Views+of+MMT>

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