UN/CEFACT Standards for International Supply Chain Semantic Harmonisation & Trade Facilitation

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Use of international standards for business to customs information exchange

UZBEKISTAN NATIONAL CAPACITY BUILDING SEMINAR

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Partnerships and Collaboration

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

GS1
IPCSA
PROTECT
FIATA
SMDG
DCSA

ISO
IEC
ITU
WTO
ITC
IATA
WCO

UNECE

UN / CEFACT

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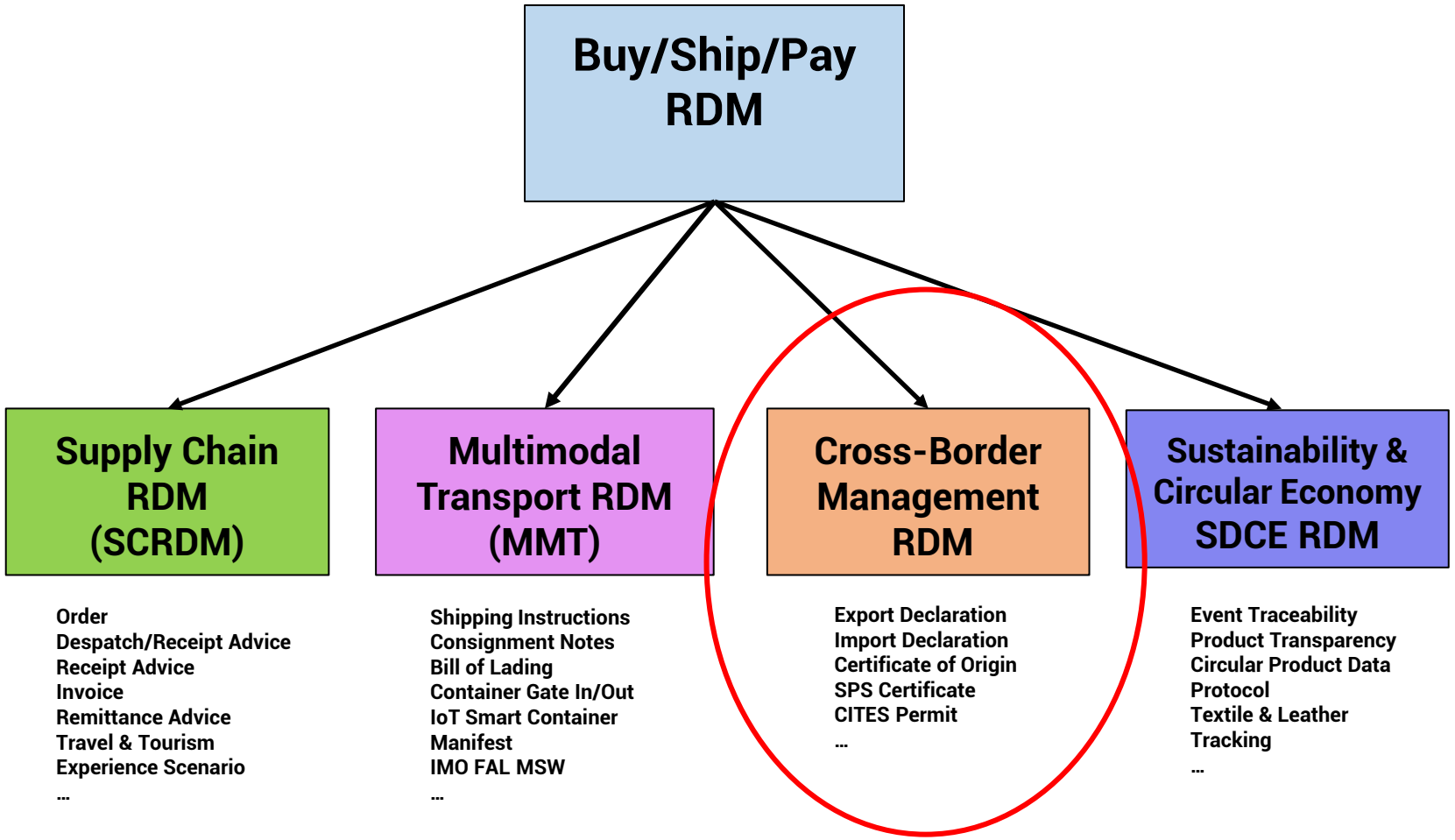
UN/CEFACT Reference Data Model Family



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CBM RDM Project Purpose

Provide a Regulatory Reference Data Model based on the UN/CEFACT Buy/Ship/Pay Reference Data Model to:

- Assist cross-border agencies to link international supply chain B2B data to national or regional cross-border management data requirements
- Support pipeline data submission from trusted traders
- Complement harmoniously the existing RDMs for trade and transport

Considering:

- Trading Partner Collaboration
- Data Harmonisation and Rationalisation
- Alignment to Cross-Border Agency Regulations and Standards
- Semantic Mappings B2B ⇔ B2G ⇔ G2B ⇔ G2G

https://uncefact.unece.org/display/uncefactpublic/Cross-Border+Management+Reference+Data+Model

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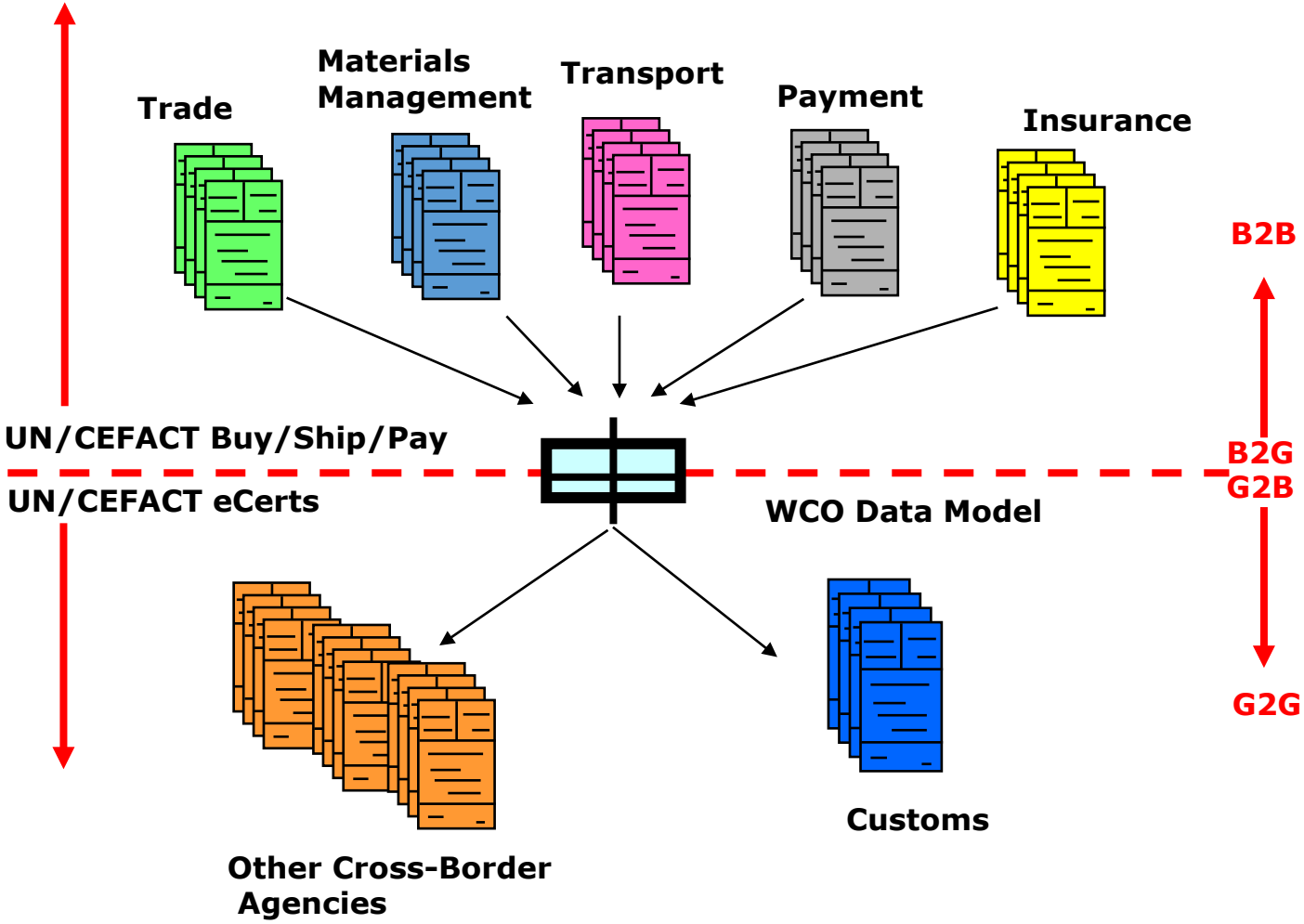
Single Windows Document Families – Border Management Challenges



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Key Single Window Semantic Aspects

- Public side and Government side speak different languages or, at least, different dialects
  - Affects names and definitions
  - Affects data quality
- Partnership approach using harmonised names and definitions will offer increased quality and mutually beneficial facilitation
- Pipeline provision of data in trusted trader programs
- Primary and Secondary data views
- Managing moving targets

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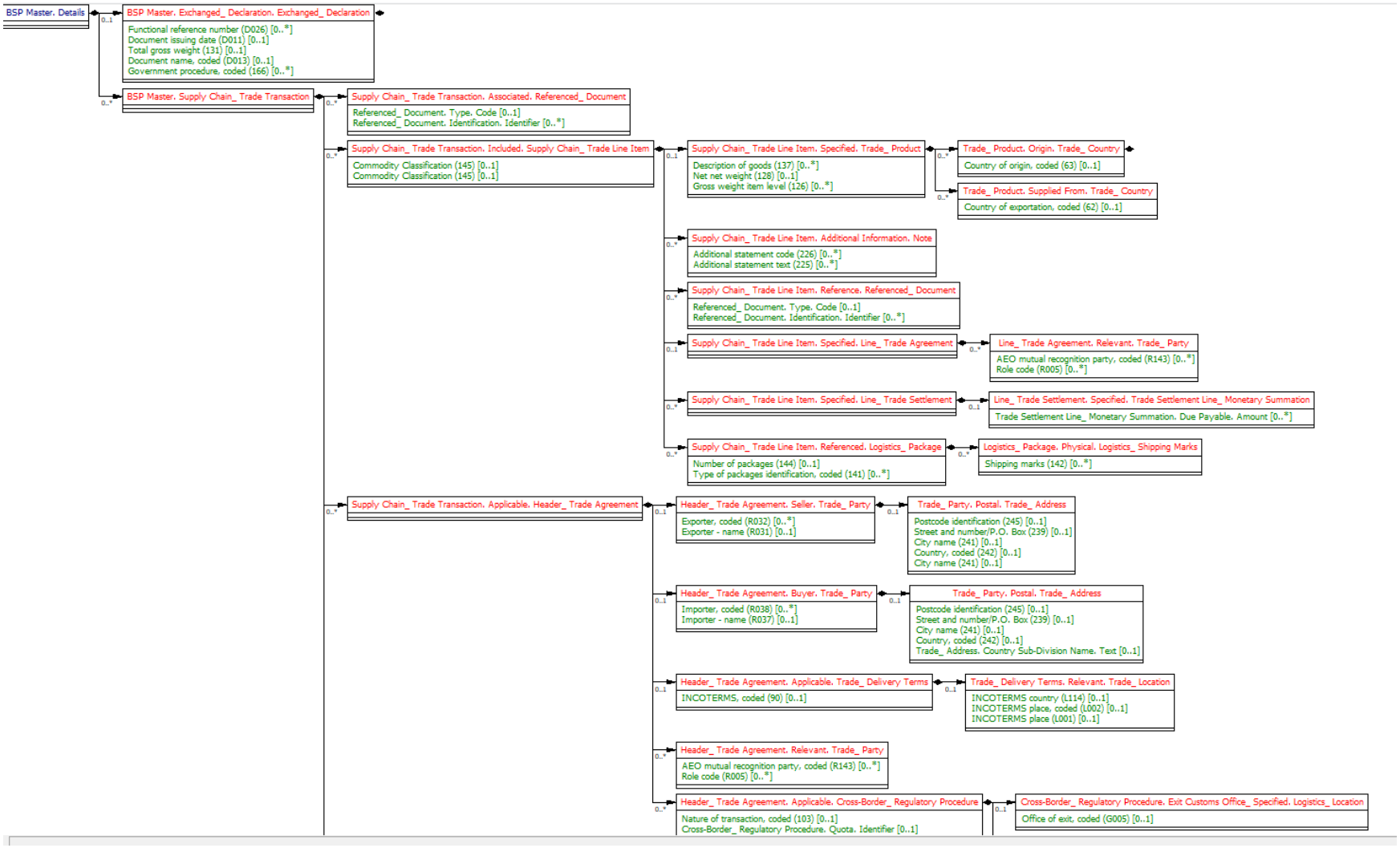
Mapping between Supply Chain Reference Data Model (SCRDM) and WCO DM 3.11 – Trade View



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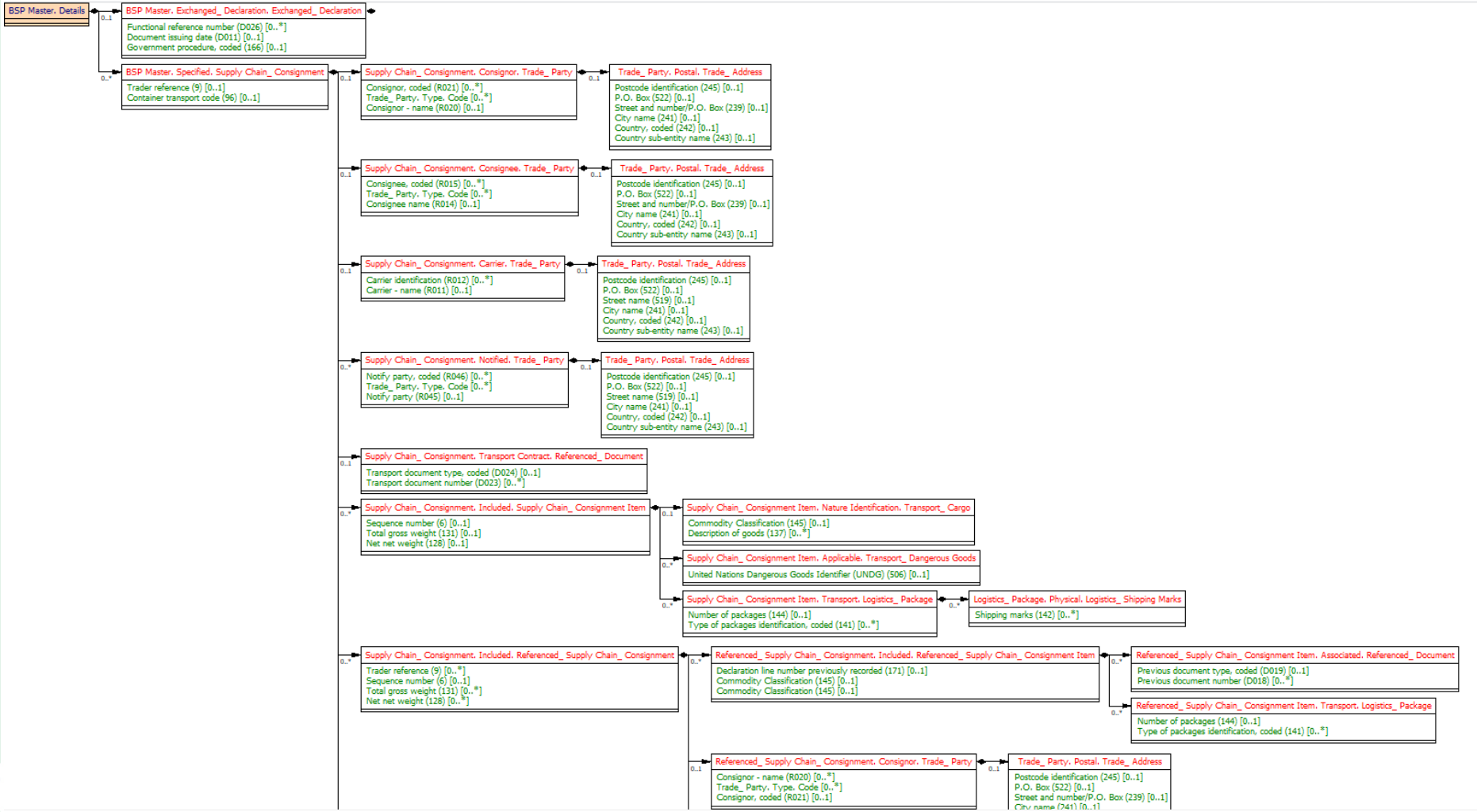
Mapping between Supply Chain Reference Data Model (SCRDM) and WCO DM 3.11 – Transport View



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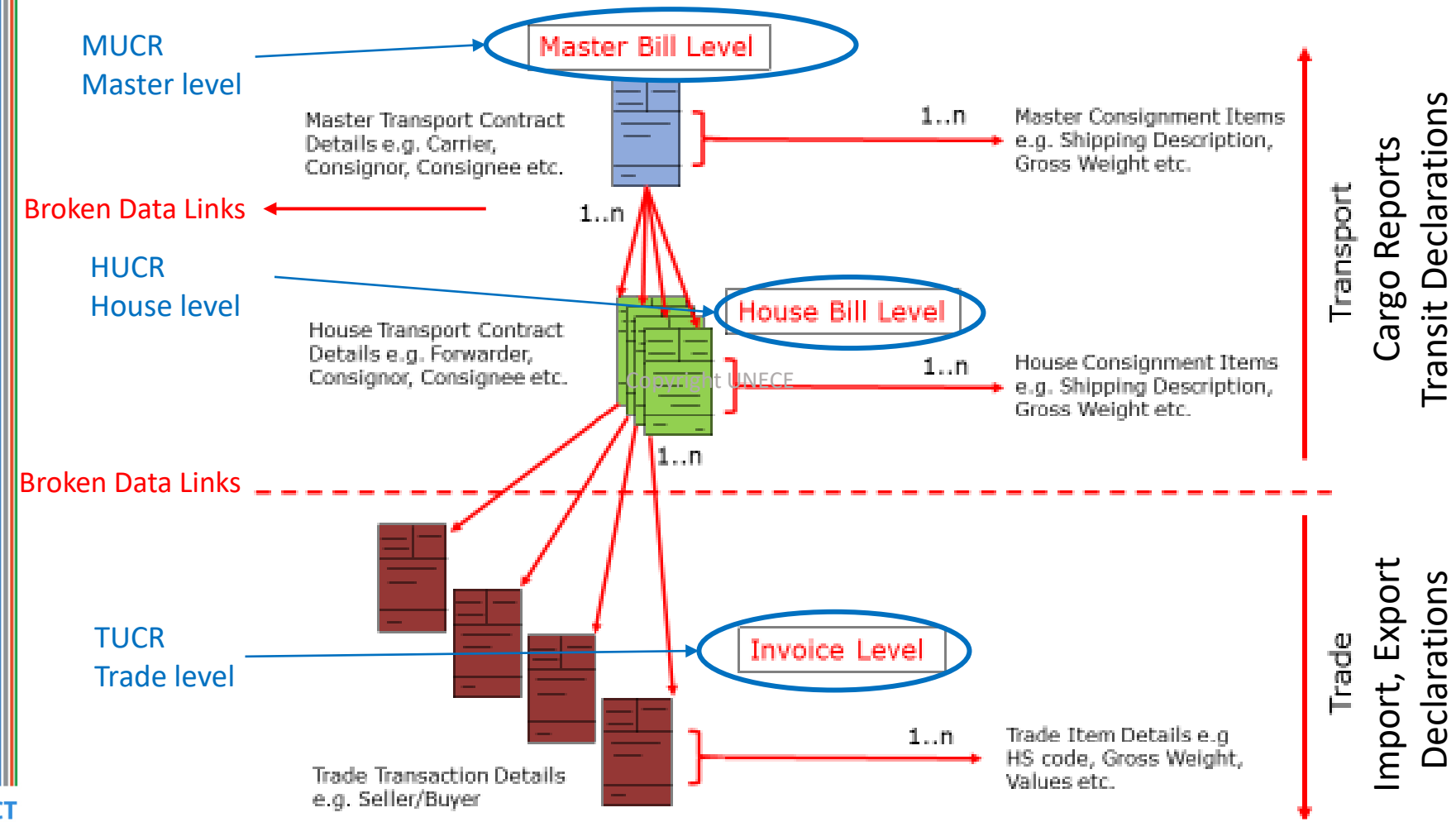
Customs View of trade and transport links (EU UCC)



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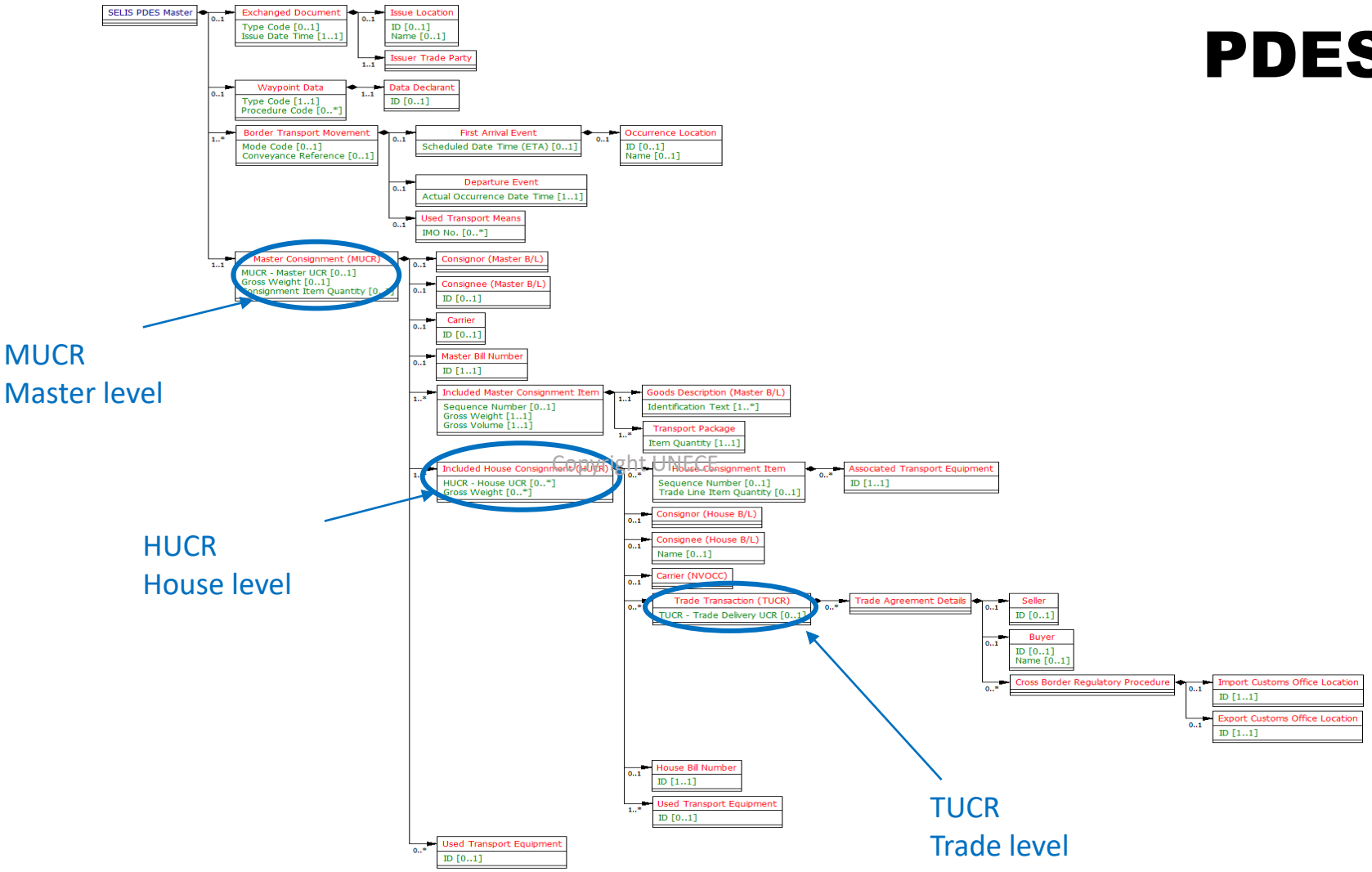
PDES



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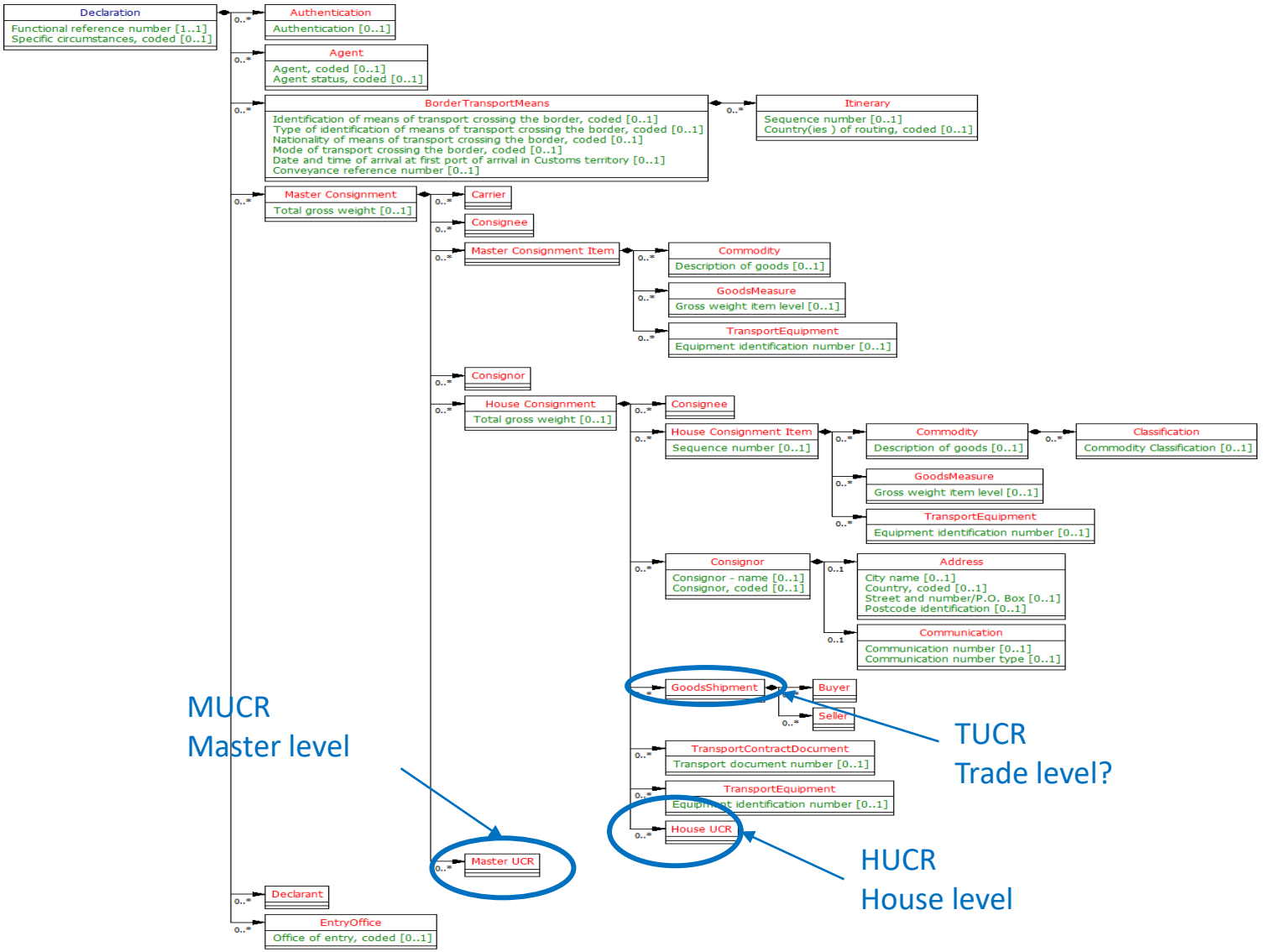

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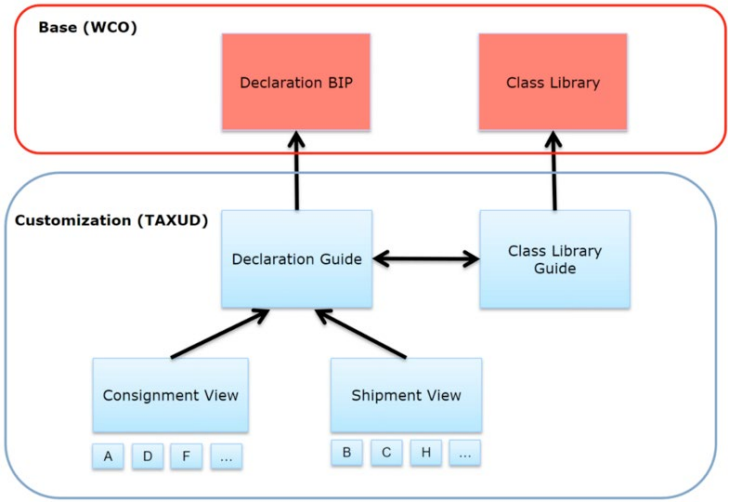
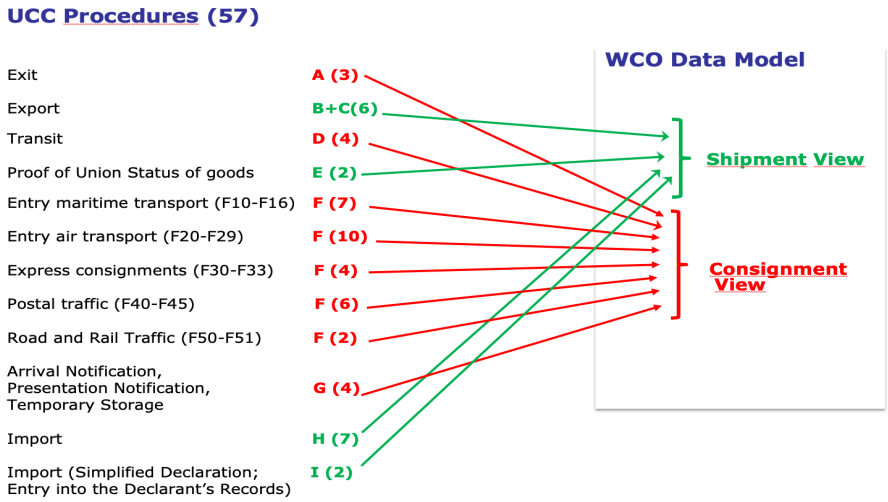
EUCDM analysis process and repository

1





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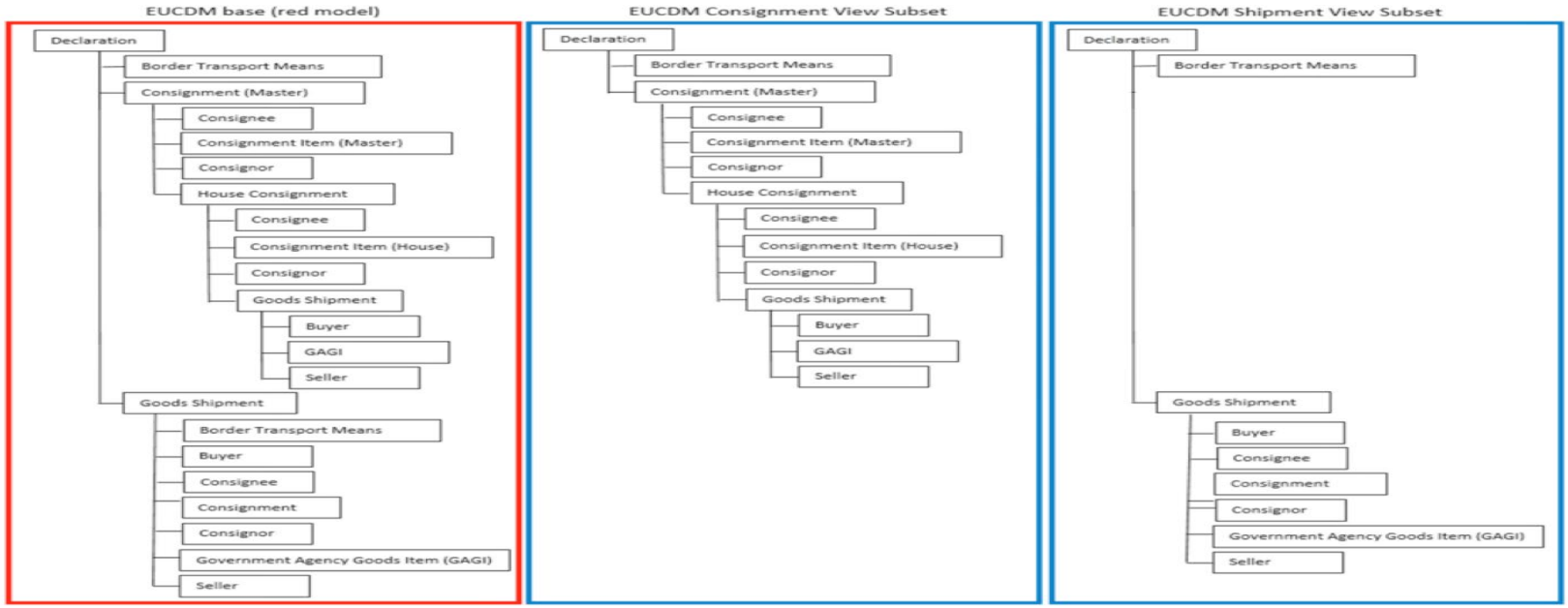

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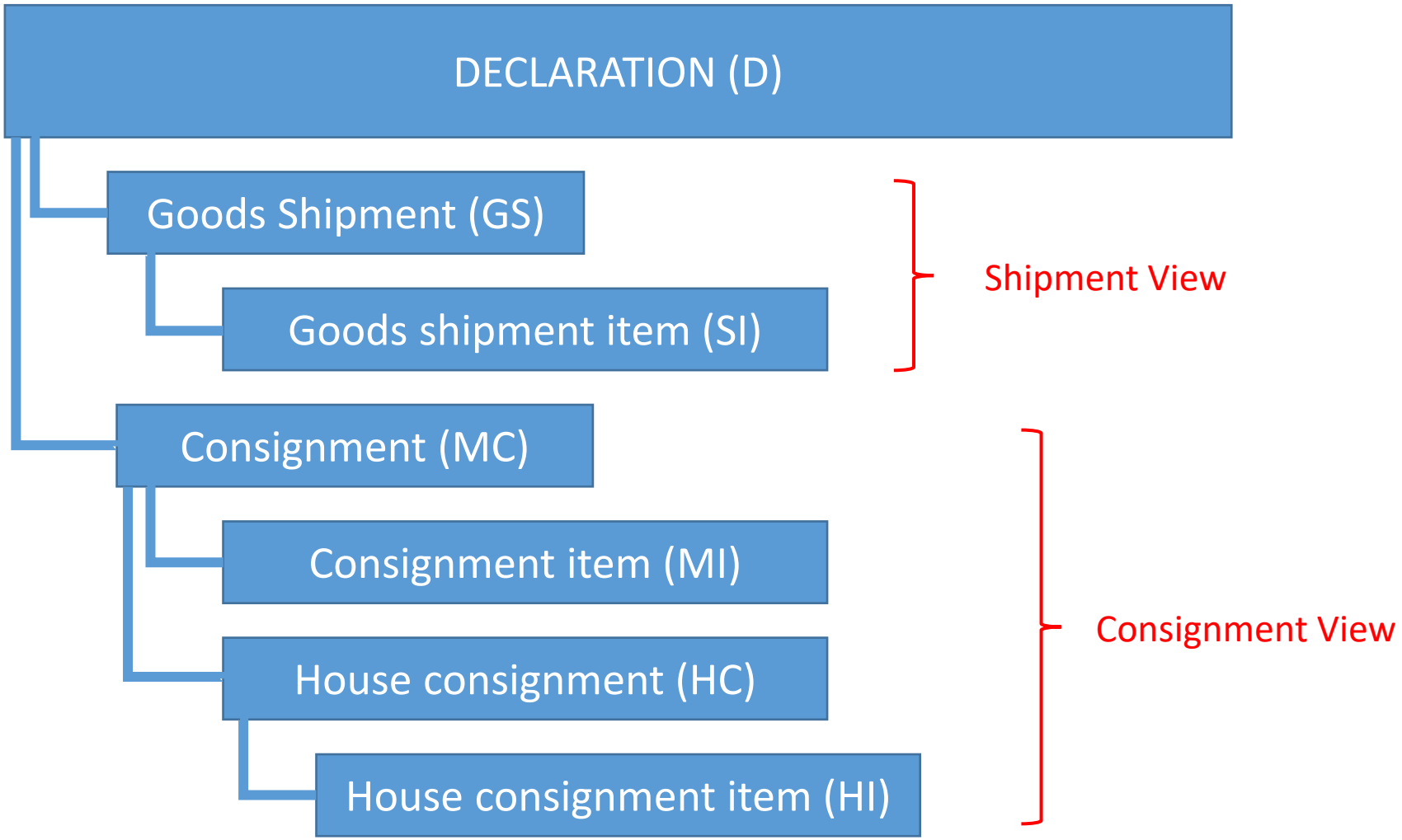
EUCDM 6.2 Data Modelling Levels



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Global Trade – Trace & Track Project

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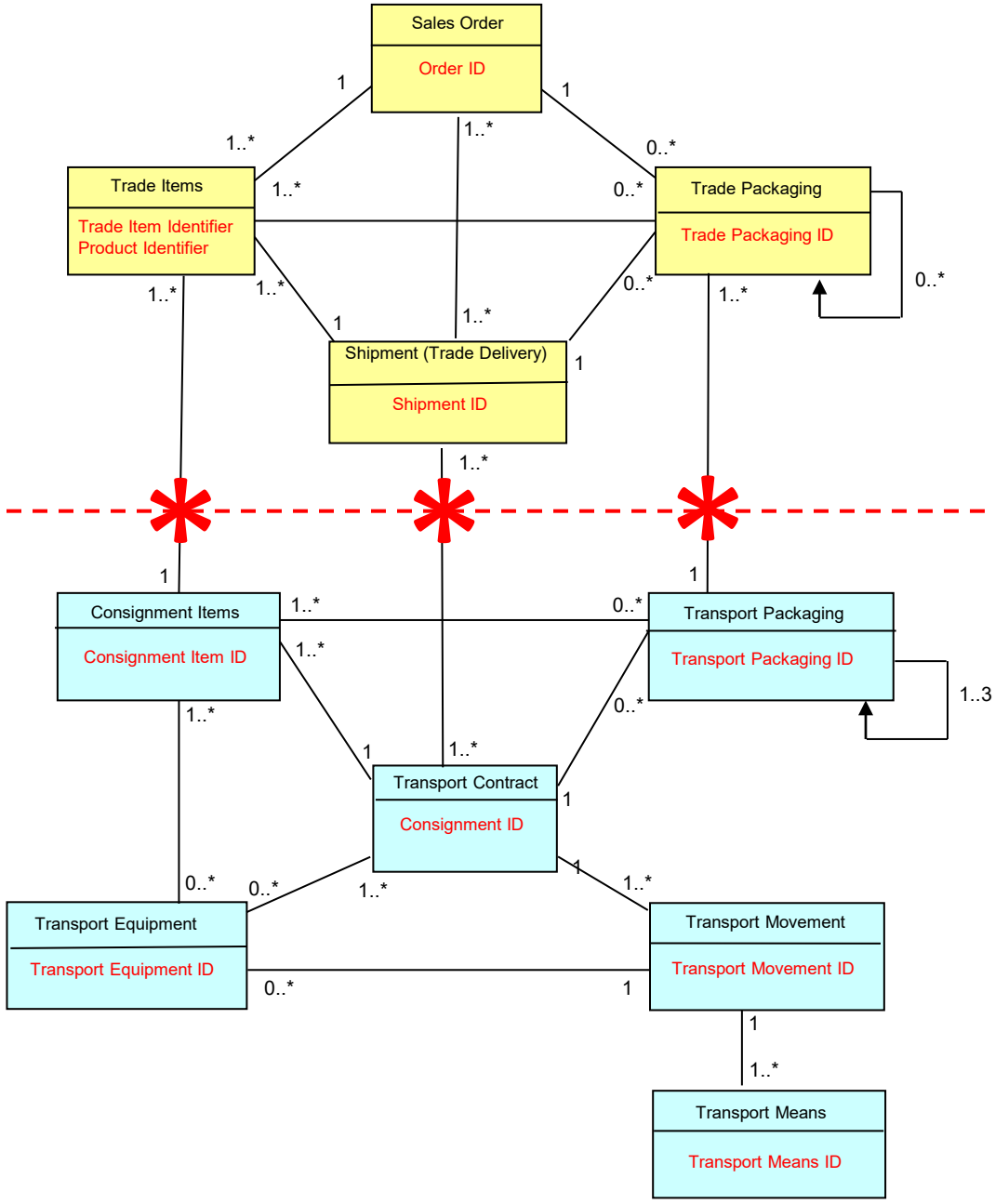
Trade B2B Data World

Transport B2B Data World



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