Use of UN/CEFACT Standards foundation for EU eFTI and EU EMSWe Regulatory Data Requirements

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Best practice experience of the use of UN/CEFACT standards: EU Electronic Freight Transport Information Regulation

APTFF FORUM 2024

SAMARKAND

EU eFTI Regulation

„This Regulation establishes a [harmonized] legal framework for the electronic communication of regulatory information between the economic operators concerned and competent authorities in relation to the transport of goods on the territory of the Union.“

Article 1, eFTI Regulation (2020/1056)

EU eFTI Regulation

EU policy intervention objectives

Promote use of digital technologies for fulfilling regulatory requirements within the EU

Reduce administrative cost for operators and enhance the efficiency of rule enforcement

- Acceptance by public authorities of freight transport information made available electronically
- Uniform implementation of the obligation of acceptance by authorities
- Interoperability of the IT systems and solutions used

"This Regulation establishes a [harmonised] legal framework for the electronic communication of regulatory information between the economic operators concerned and competent authorities in relation to the transport of goods on the territory of the Union" (Article 1)

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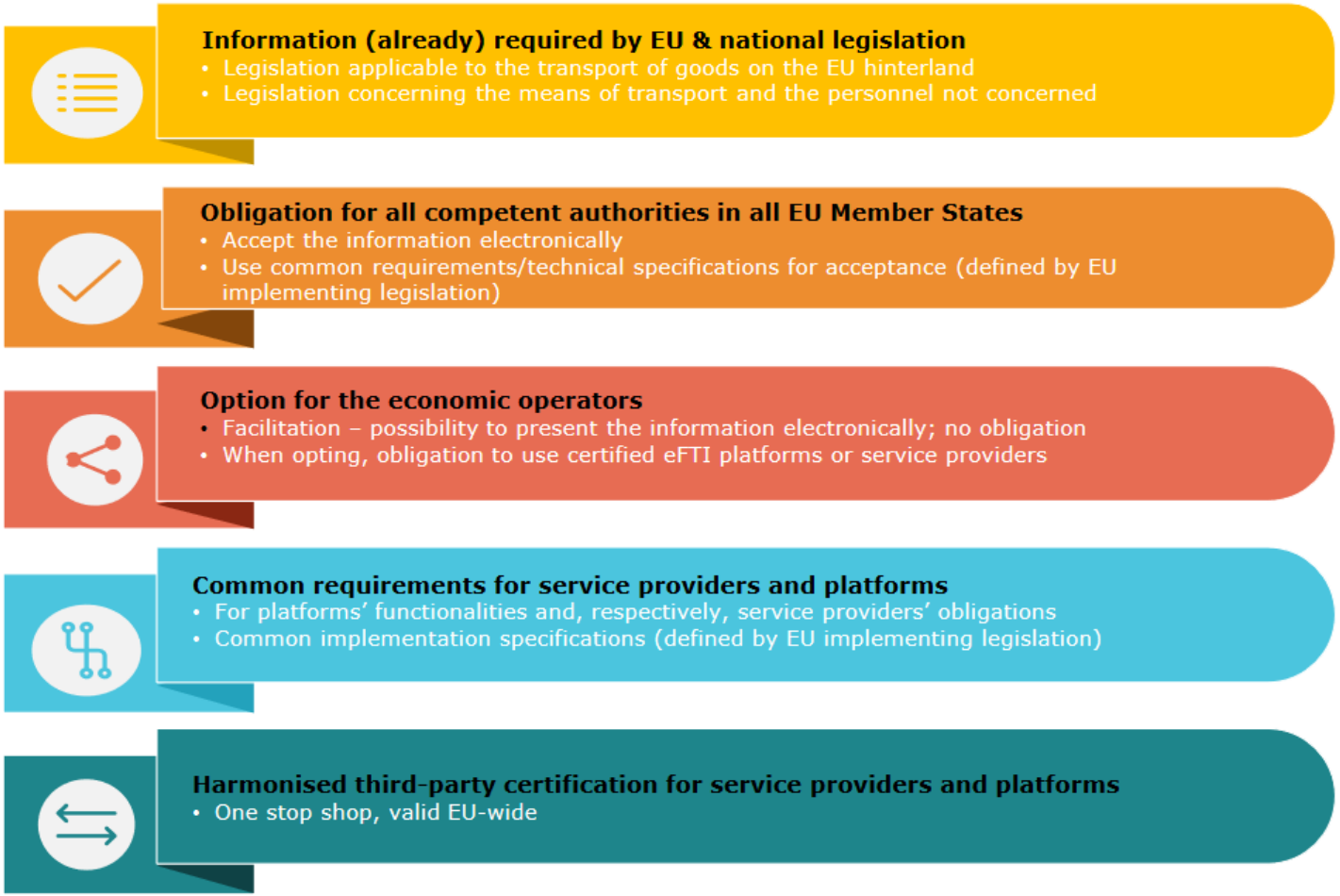
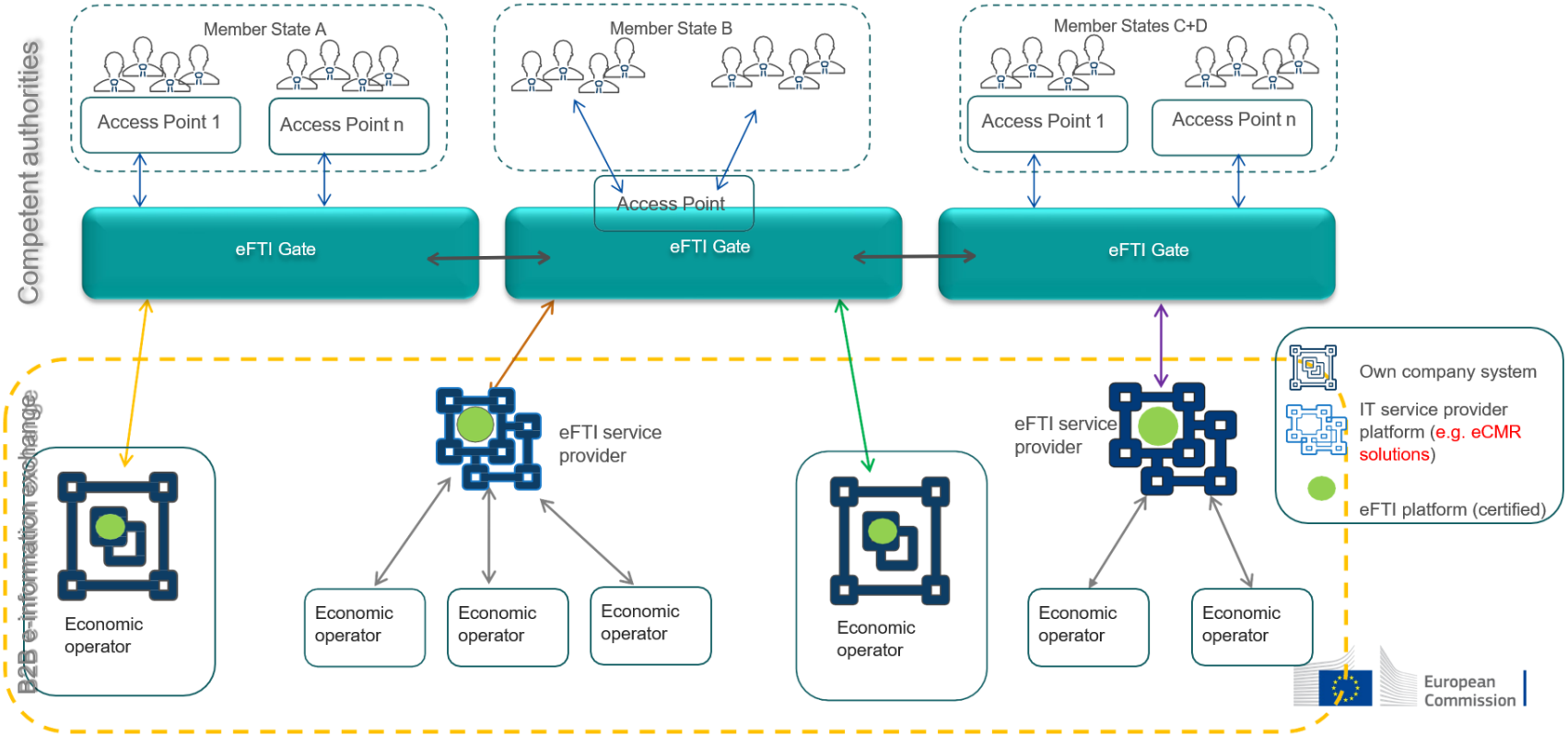
eFTI Key Elements



EU eFTI Environment

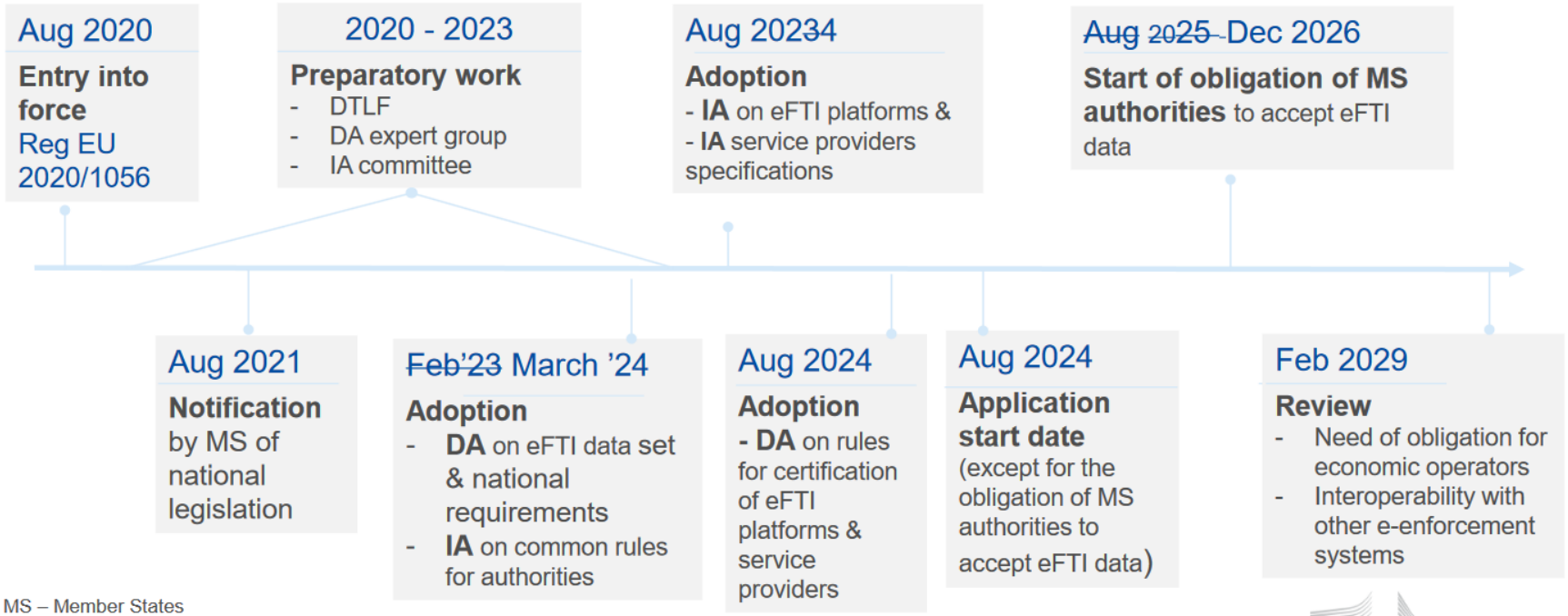
eFTI exchange environment implementation architecture*

*under approval; schematic representation



EU eFTI Regulation

eFTI Regulation implementation and application – Indicative timeline

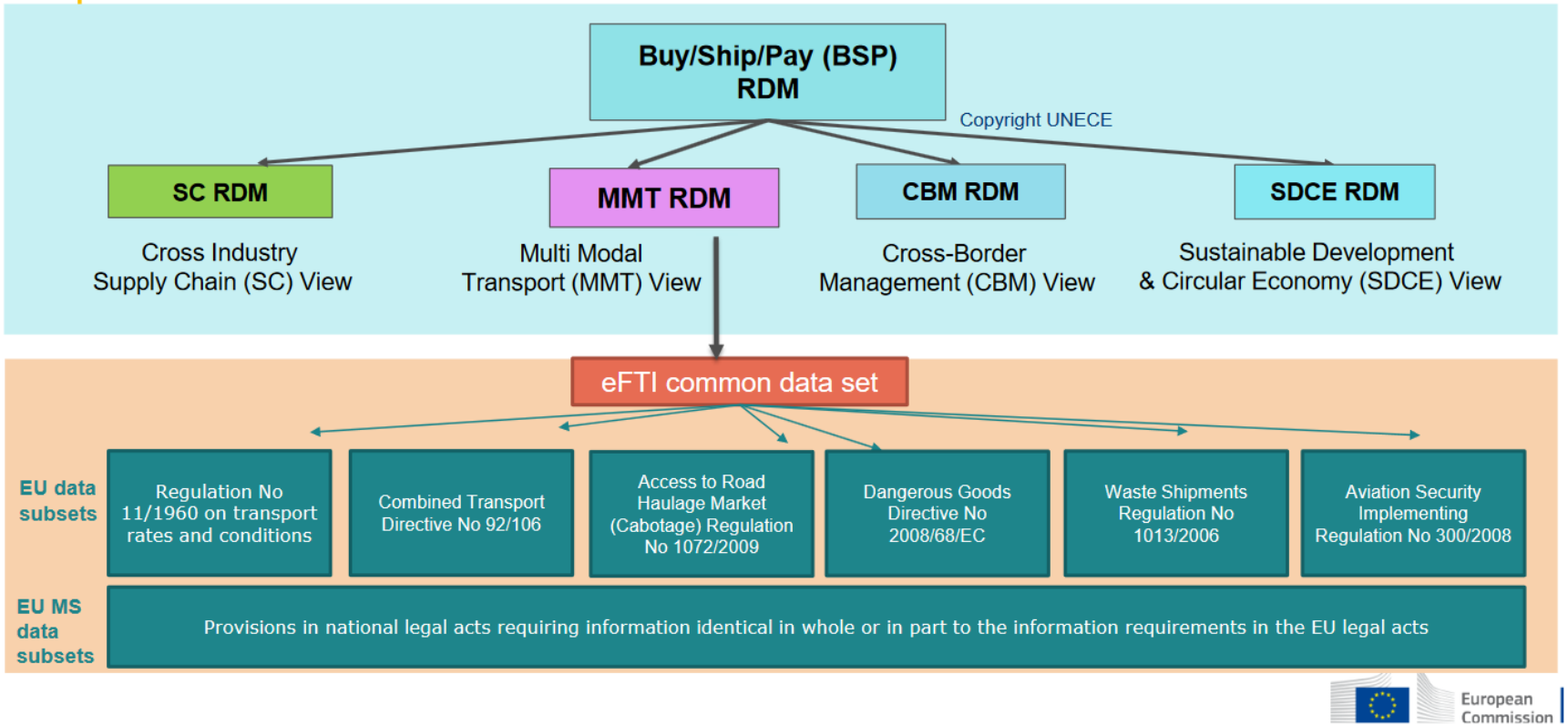


MS – Member States
DA – Delegated act (Commission Regulation)
IA – Implementing act (Commission Regulation)
DTLF – Digital Transport and Logistics Forum

European Commission

EU eFTI Regulation

eFTI common data set and subsets as profiles of the UN/CEFACT Multimodal Transport Reference Data Model (MMT RDM)



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EU eFTI Regulation – UN/CEFACT Foundation

Benefits of using the UN/CEFACT MMT RDM as the base

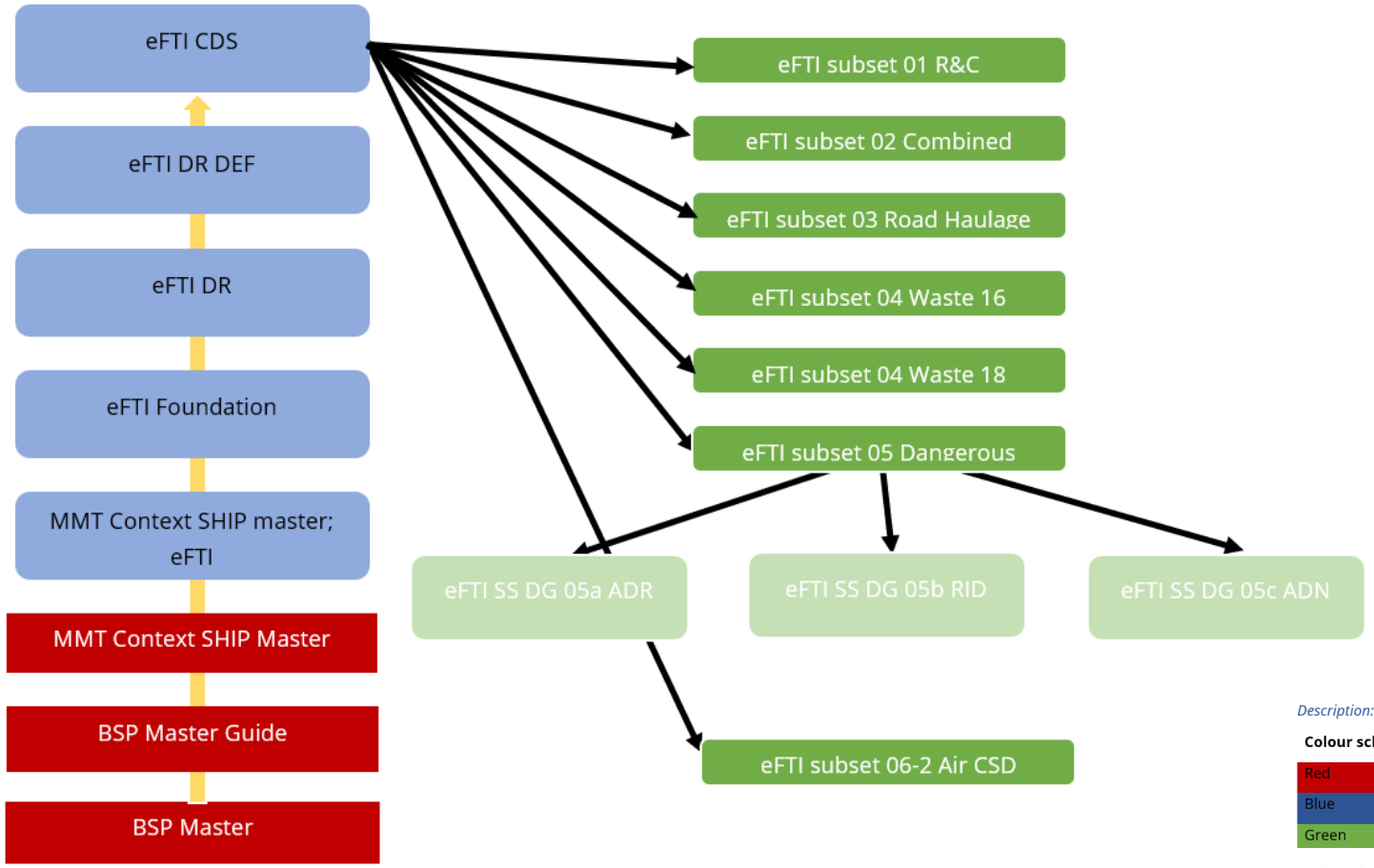
- Reuse of the structure and data elements = No need to reinvent the wheel.
- Possibility to extend the data set based on the existing core component library.
- Easier interoperability with other data exchange environments built on the same base.

EU eFTI Regulation

eFTI common data set and data subsets

- eFTI common data set – a set of structured data elements that correspond to all the eFTI data subsets, where each data element is included only once.
- eFTI data subsets – a set of structured data elements that each correspond to one piece of legislation in the scope of eFTI regulation.
- 6 EU legal acts + ca 200 national legal acts = 200+ data subsets = 500+ unique data elements

eFTI Data Sets March 2024



Description:

Colour scheme	Description
Red	Base Data Model
Blue	Derived data model / Data Model Guide
Green	eFTI Subsets

European Commission