



eFTI

Regulation



Digitalising
freight transport
across the European Union

REQUIREMENTS FOR THE EFTI PLATFORMS – RULES OF THE GAME

Tomorrow's Freight Transport

eFTI4EU/eFTI4ALL Yearly Conference
Berlin, 21 October 2025

Lia Potec, Team Leader eFTI
European Commission, Directorate-General
for Transport and Mobility



Common, clear rules for eFTI platforms

- eFTI Regulation enables **electronic sharing** of freight regulatory information across the EU
- Authorities must accept data submitted through **certified eFTI platforms**
- Common rules ensure **trust, interoperability, and security**
- Focus on **business-to-administration** (legal scope) → Impact on business-to-business (implementation)



eFTI platforms - the legal building blocks



⑩ Regulation (EU) 2020/1056

- overall legal framework

⑩ Delegated Regulation (EU) 2024/2024

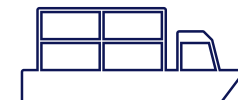
- eFTI data specifications (common data set and subsets)

• Implementing Regulation (EU) 2025/xxxx

- functional and technical specifications for the eFTI platforms

• Delegated Regulation (EU) 2026/xxxx

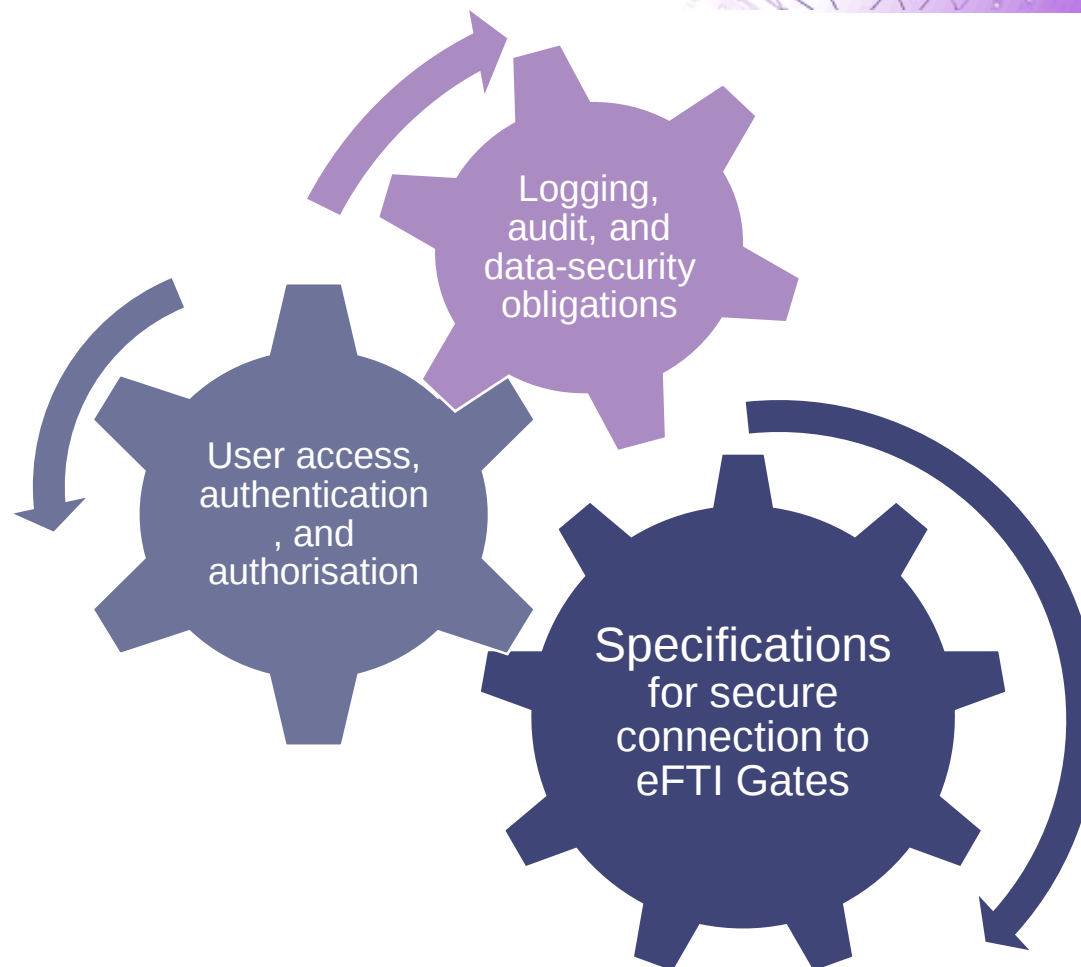
- rules for the certification of the eFTI platforms



Implementing Regulation 2025/xxx – detailed requirements for eFTI platforms

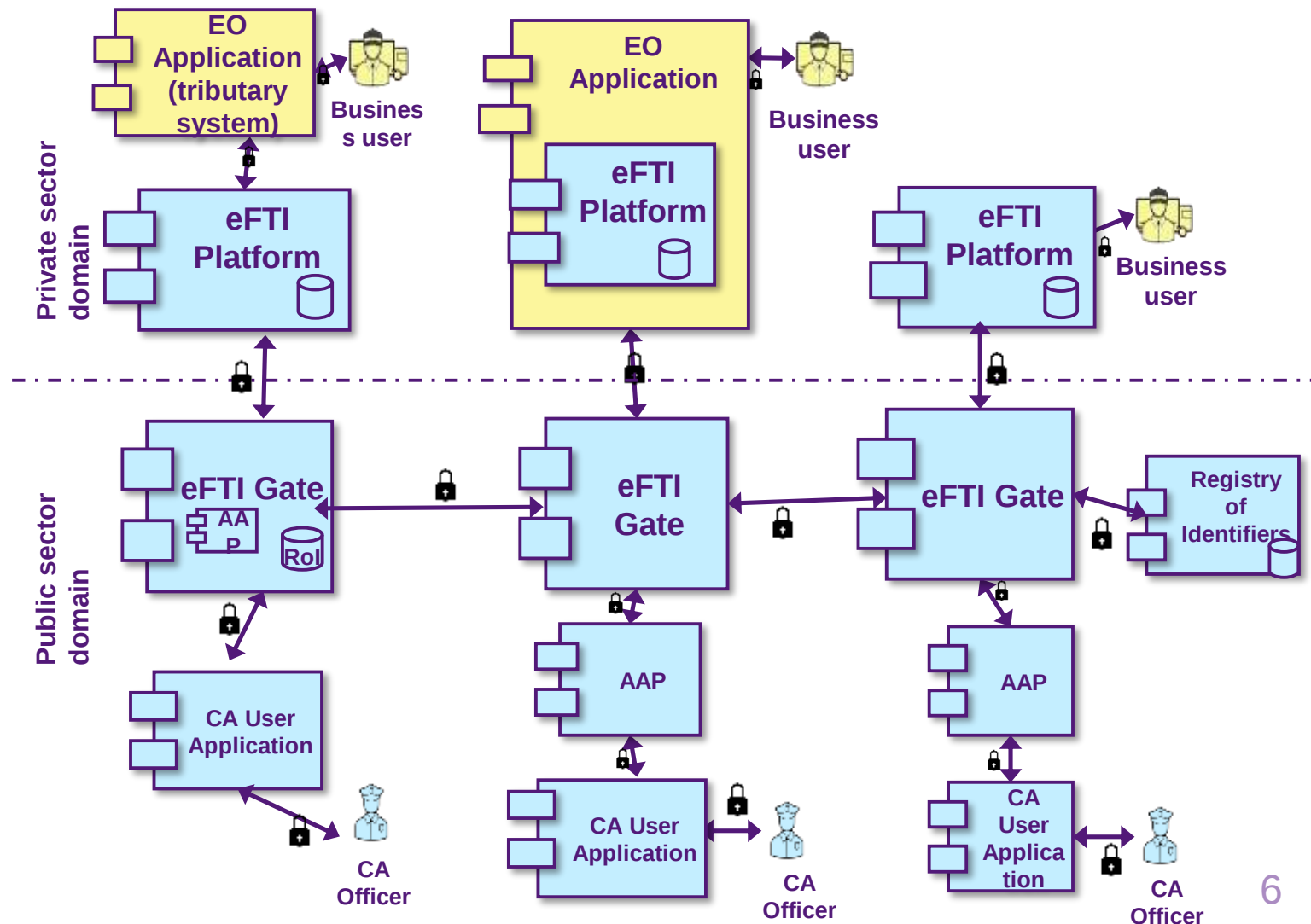
- Main underlying principles

- ✓ Flexible architecture implementation
- ✓ Mandatory functionalities for operations by business user
- ✓ Mandatory requirements for authorized, secure and transparent access



eFTI platforms requirements - Secure connections and interoperability

- Platforms connect machine-to-machine with eFTI Gates
- Communication via secure, authenticated channels
- May integrate existing ERP/logistics systems (“tributary ICT systems”)
- Ensures flexibility and reuse of existing IT solutions

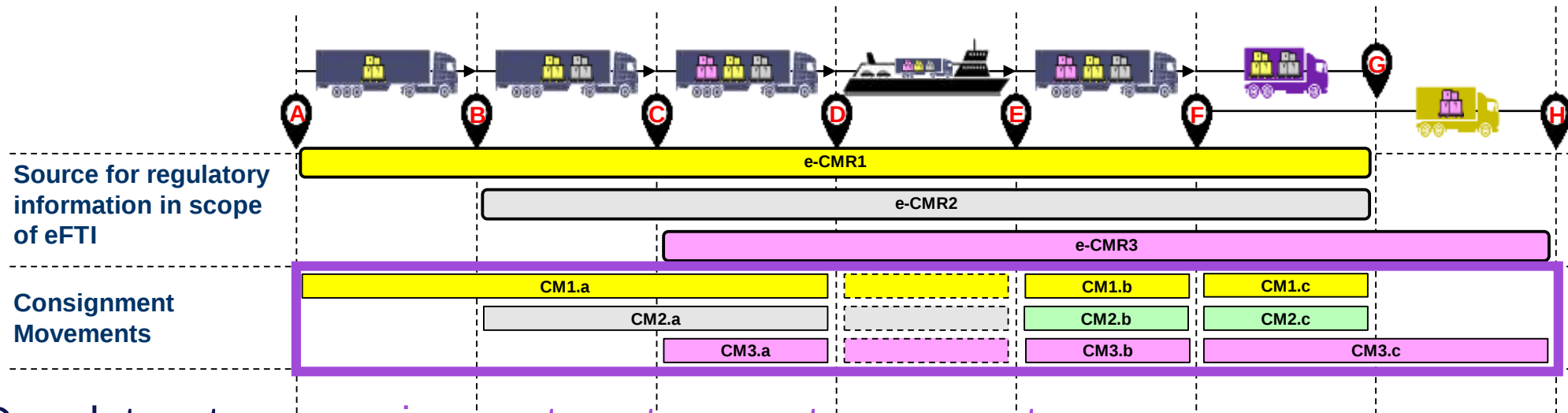


eFTI platforms requirements - Access and user rights management

- Authorisation via dedicated **registry of processing rights**
- Business users identified and authenticated via **eIDAS-compliant** electronic IDs
 - Minimum assurance level '**advanced**' (not 'QES')
- **Access logs** ensure traceability and auditability
- **Temporary access** possible for occasional business users
 - Two-factor authentication required



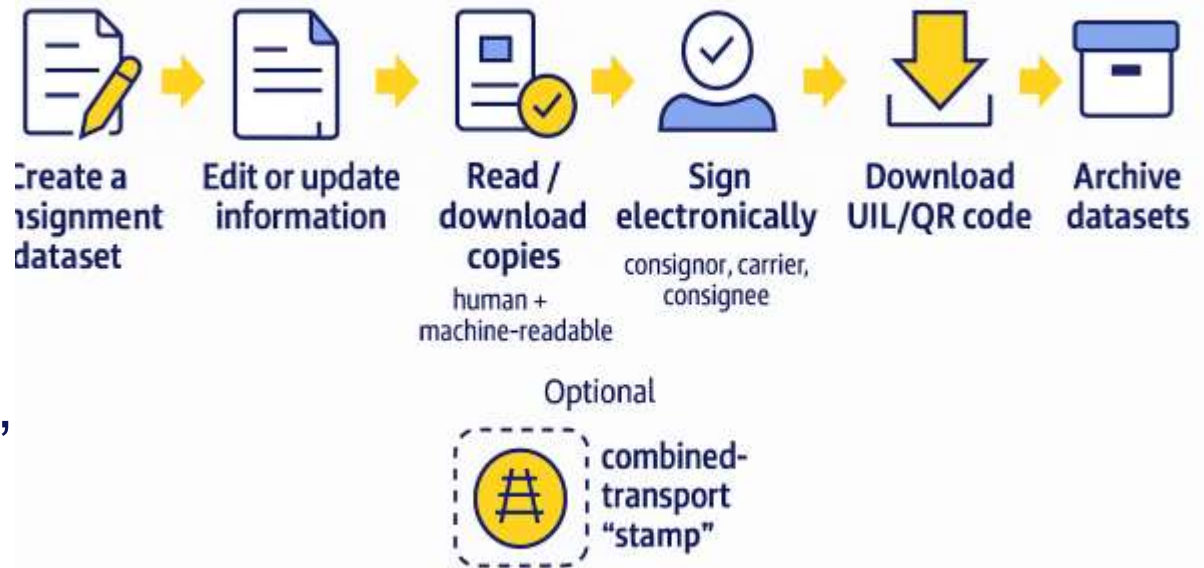
The eFTI Consignment Movement Data Set (CMDS)



- One dataset per consignment per transport movement
- Template generated automatically from relevant eFTI data subsets (=applicable legal requirements)
- Common structure (eFTI common data set) ensures interoperability and machine readability
- Enables flexible compliance with different regulatory requirements while economic operators/business users share data only once

eFTI platforms requirements - Data processing by business users

- Create a consignment dataset
- Edit or update information
- Read / download copies
 - human + machine-readable
- Sign electronically
 - consignor, carrier, consignee
- Apply combined-transport “stamp”
- Download UIL/QR code
- Archive datasets



Security, privacy, and transparency

- Platforms are required to implement cybersecurity measures
- Access by authorities is based on coded authorized requests & logged and notified in real time to business users
- Data must be stored on locations falling under EU jurisdiction

→ *Build confidence to share data digitally*



What comes next

2025

- **Oct - Nov:** Implementing Regulation on eFTI **platforms specifications** (adoption, publication)
- **Nov - Dec:** **Technical guidance** and artefacts v.1.0 (wiki format)

2026

- **Q1 2026:** **Certification rules** for eFTI platforms (delegated regulation)
- **Q2 2026:** Specifications and certification rules for **service providers** (implementing & delegated regulations)
- **Q4 2026:** **Business use cases** handbook (Digital Transport and Logistics Forum /DTLF)

2027+

- **2026 - 2028:** eFTI4EU, eFTI4ALL, eFTI4LIVE - pilot **testing and implementation support**
- **July 2027:** go **live**
- **2027 - 2029:** business **large scale deployment**

Rules of the game – Why do they matter?



The rules are set – *Time to make your move!*

- eFTI Regulation establishes a **digital infrastructure** for trust and interoperability in transport and logistics
- Rules defined → **implementation** begins
- **Cooperation** between public and private actors is key



THANK YOU!

- Stay informed via the European Commission's eFTI page: https://transport.ec.europa.eu/transport-themes/logistics-and-multimodal-transport/efti-regulation_en
- Follow-us on LinkedIn: <https://www.linkedin.com/showcase/eu-transport>
- Provide feedback via the 'Have Your Say' portal: https://ec.europa.eu/info/law/better-regulation/have-your-say/initiatives_en?text=eFTI
- Follow the EU-funded projects that pilot the eFTI implementation ([eFTI4EU](#), [eFTI4ALL](#), eFTI4LIVE)

