



eFTI4EU: The future of freight transport is digital

eFTI4EU - Electronic Freight Transport Information for the EU

eFTI4EU is co-funded by the European Union's CEF funding programme through the European Climate, Infrastructure and Environment Executive Agency (CINEA). It is the first project aimed at implementing the EU eFTI Regulation 2020/1056.

23

Partner

28.3

million euros

36

Months Term

9

Member states

4

Observer

eFTI4EU

PARTNERS and observers

-  PARTNER
-  OBSERVER



Mission & Goals



Activities

eFTI roadmaps for standardised implementation.

Translation of the EU regulation and legal acts into specifications.



- Communication on eFTI
- Dissemination via events & publications

Development and testing of eFTI Gates and Platforms based on real use cases, nationally and across borders.

- eFTI Architecture
- Pilot projects
- Open source reference implementations
- Reference documents



What is eFTI? Why eFTI?

- An electronic environment to access information across Europe! Enables the digital retrieval of transport information for authorities according Regulation 2020/1056
- Obligation for authorities! Voluntary for the economy!
- Aim: Efficient freight transport is crucial for the Union's economic strength! BUT: Dependence on paper documents makes processes inefficient.
- Regulation 2020/1056 obliges EU control authorities to accept electronic information as proof of compliance; legal acts regulate content requirements, data security and components of the system architecture.
- eFTI works with data records that are defined, not with documents. Data stays at source!
- Start: February 2027: EU control authorities must have compatible systems and (be able to) accept electronic freight transport information.



eFTI Regulation
EU 2020/1056



Advantages for economic operators: freight owners, forwarders, carriers

Simplifies the exchange of transport-related information:

- No paper documents, transport data remains at the source
- Faster checks by the authorities and less interrupted transport operations
- Faster processing times
- Faster handling of freight operations
- Up-to-date transport data sets
- According to the industry, savings of over €10 per digital freight document are possible* if you look at the process.

*Source: Open Logistics Foundation

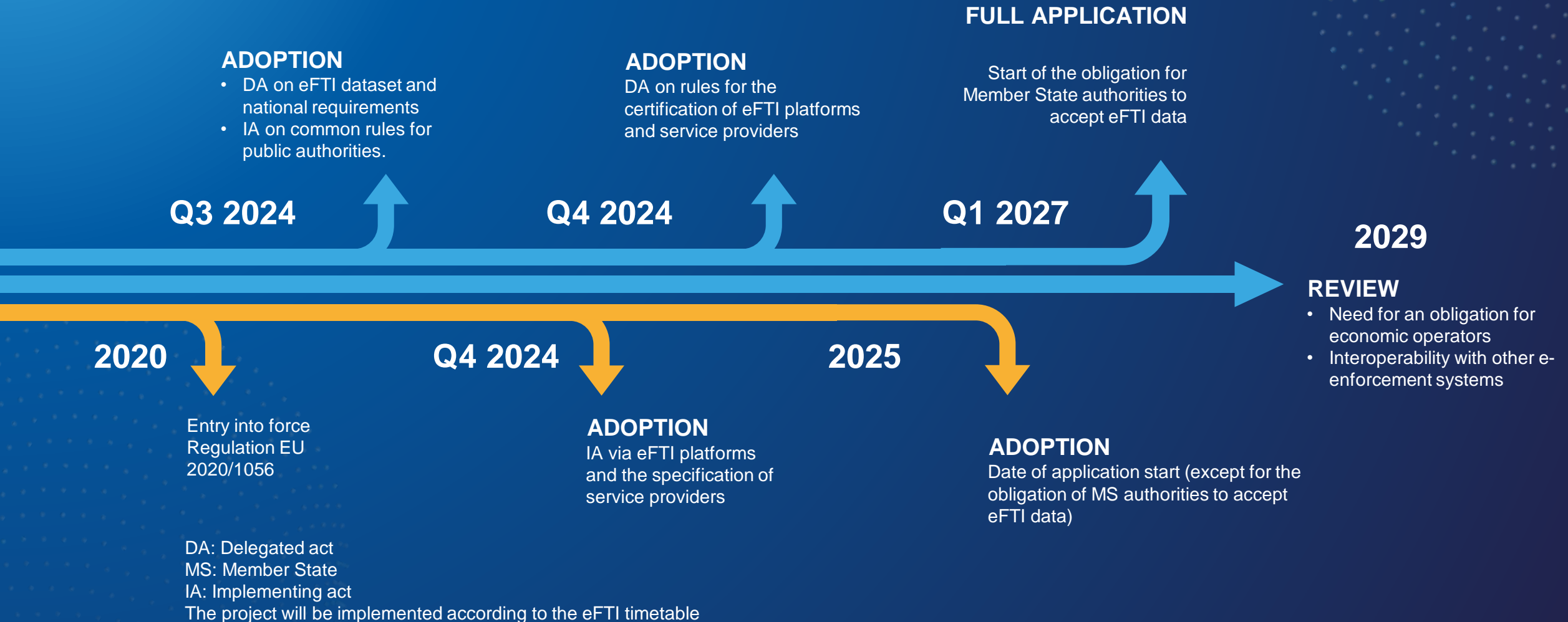


Advantages for the competent control authorities

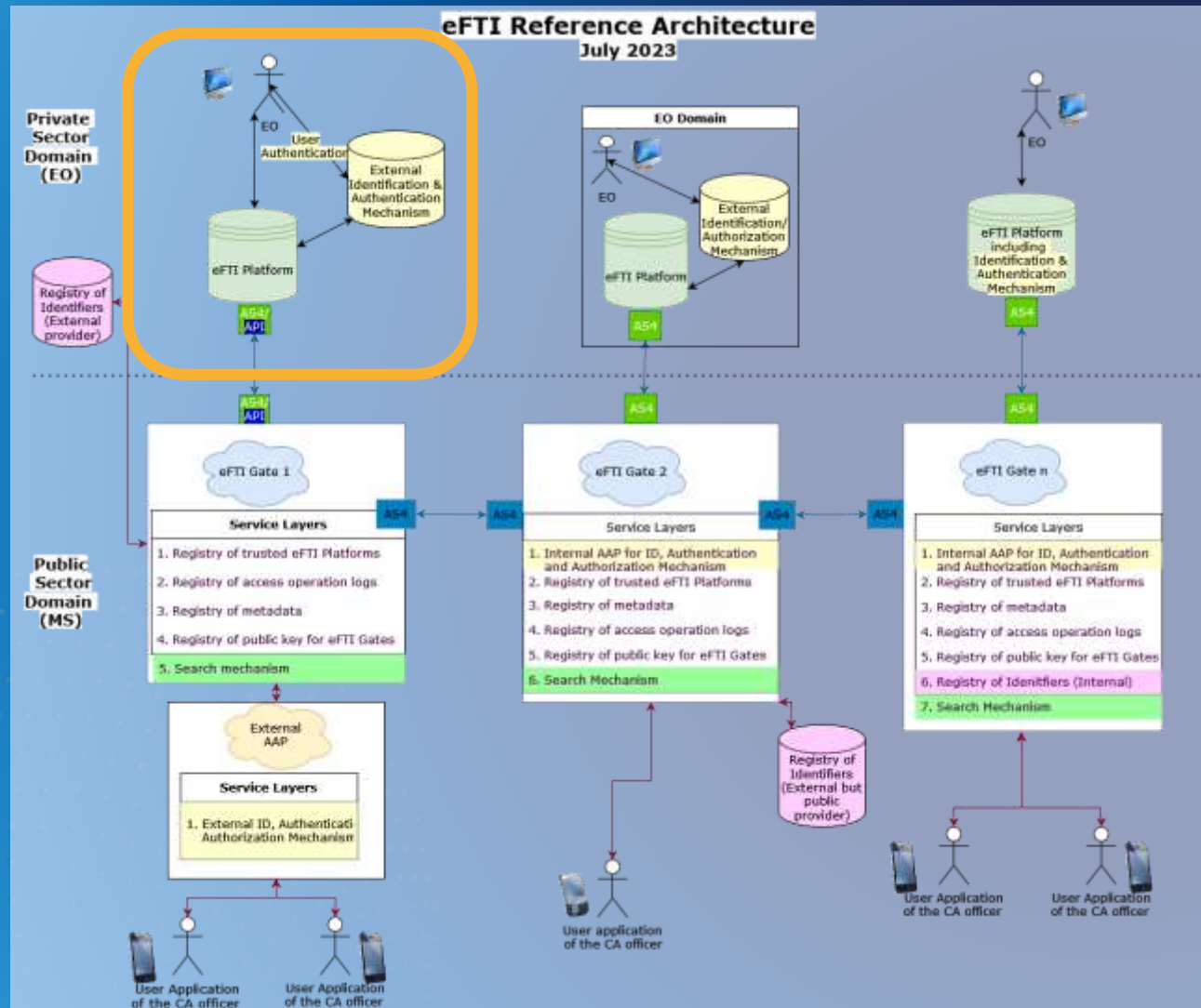
- Improved controls of cross-border freight transport without bureaucratic burdens
- Faster and more targeted control procedures
- Reduction of transport interruptions and more efficient and time-saving inspections
- Less language barriers thanks to multilingual eFTI data records
- Better enforcement of national and EU regulations
- Increased safety for emergency services and more efficient operations, e.g. in the case of dangerous goods accidents



eFTI timeline



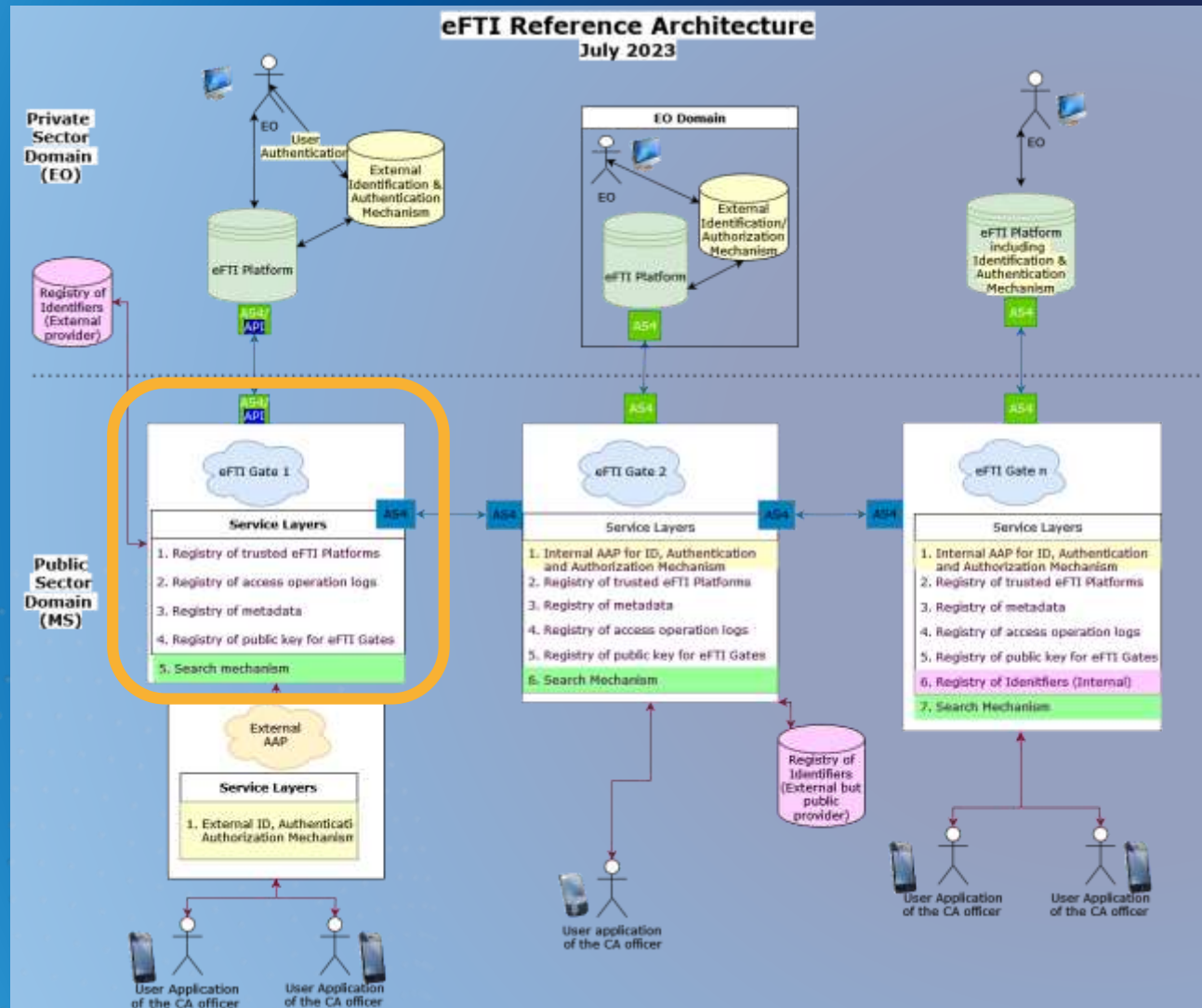
eFTI architecture and its main components



eFTI platform (private sector, economic Operator)

- Could be based on existing TMS and ERP systems and reuse functions if applicable (eFTI Platform to be understood a definition of properties)
- Provides up-to-date eFTI dataset for a transport or a consignment
- Identification of the transport via link and identifier
- Must be certified to demonstrate conformity with requirements (legal act for platforms (IA), legal act for certification (DA))

eFTI architecture and its main components

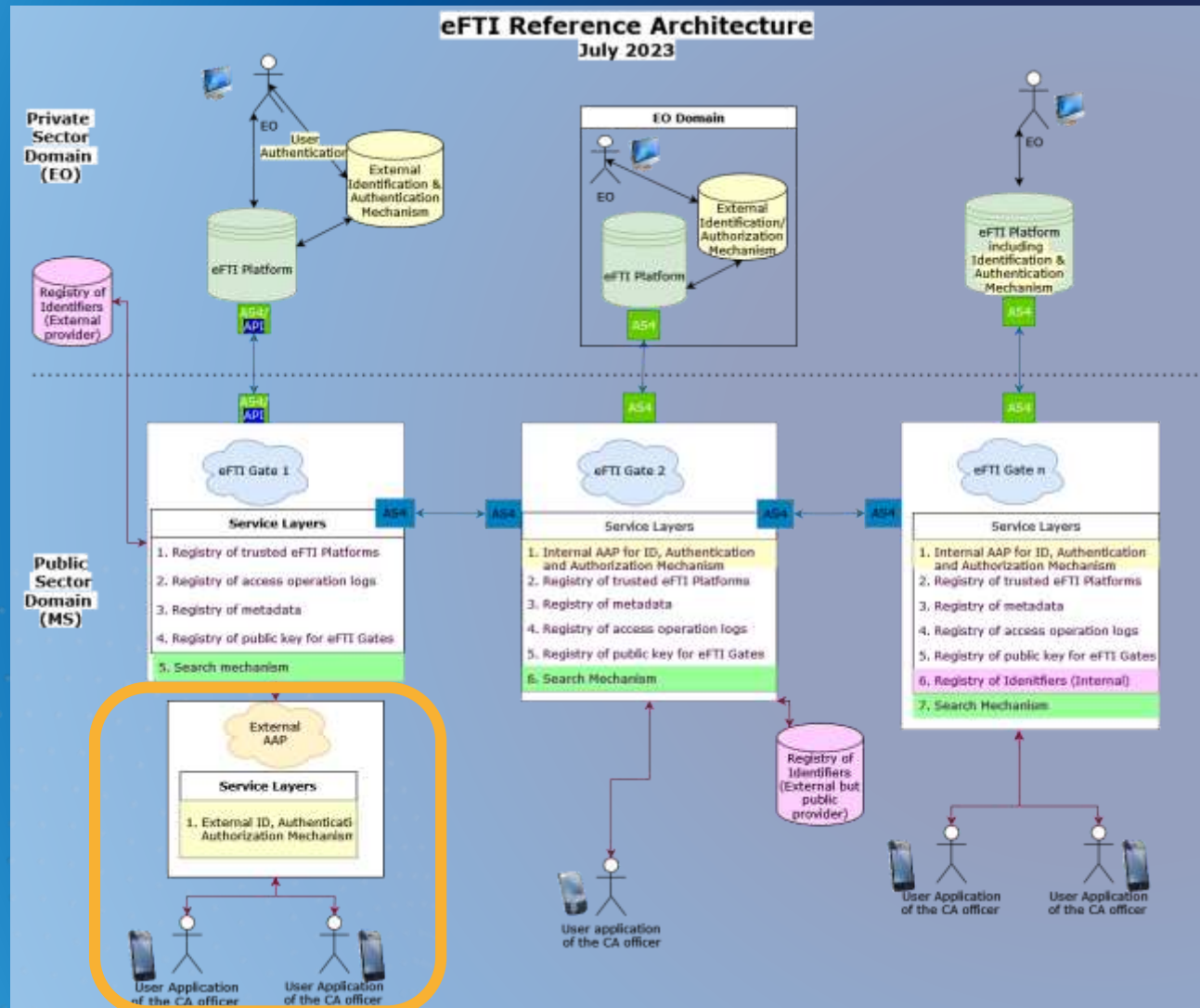


eFTI Gate

(public sector, each EU Member State)

- Intermediary between the eFTI platforms and the competent authorities
- Connected to all other EU eFTI gates
- Use of the eFTI exchange mechanisms to access eFTI data characterised by a Unique Identification Link and identifiers (e.g. number plate, vehicle identifier, etc.).
- No data storage unless irregularities

eFTI architecture and its main components



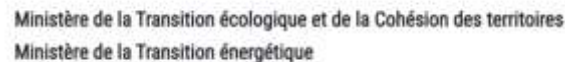
Authority Access Point (public sector)

- Identification, authentication and authorisation of access for competent authorities

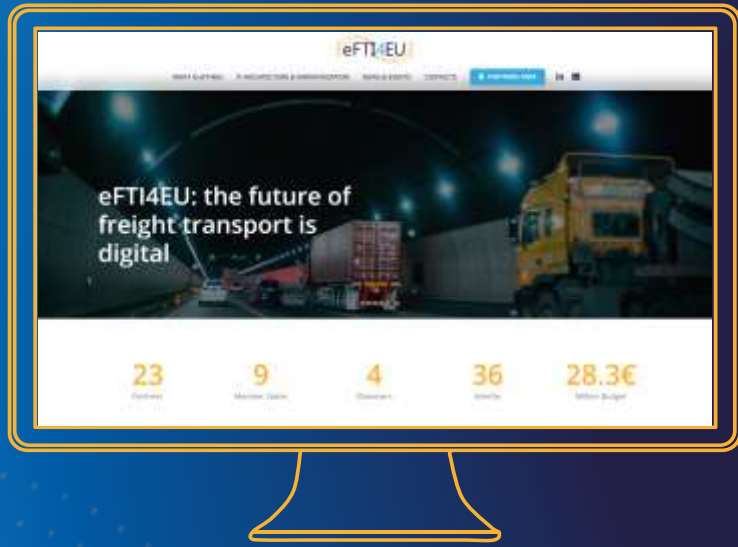
eFTI Expert Team (EET) Partners



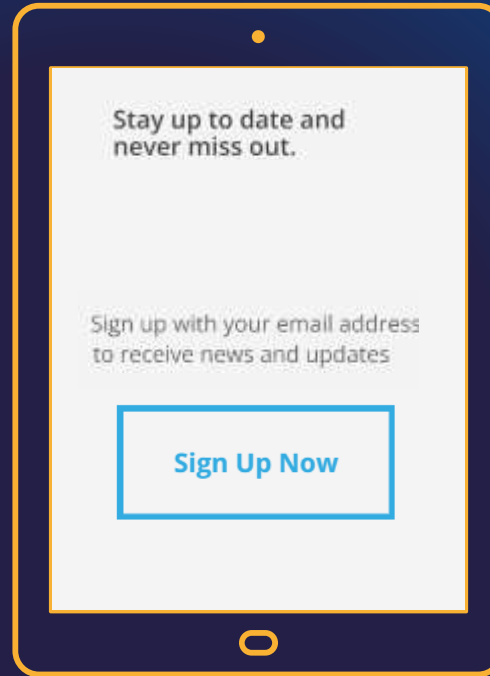
Consortium



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CONTACTS
info@efti4eu.eu

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