

# SITL 2017

“Digital Data Exchange in Logistics : How to Enable a Joined-Up Approach for Trade and Government?”

## Digital Transport and Logistics Forum



# Digital Transport and Logistics Forum

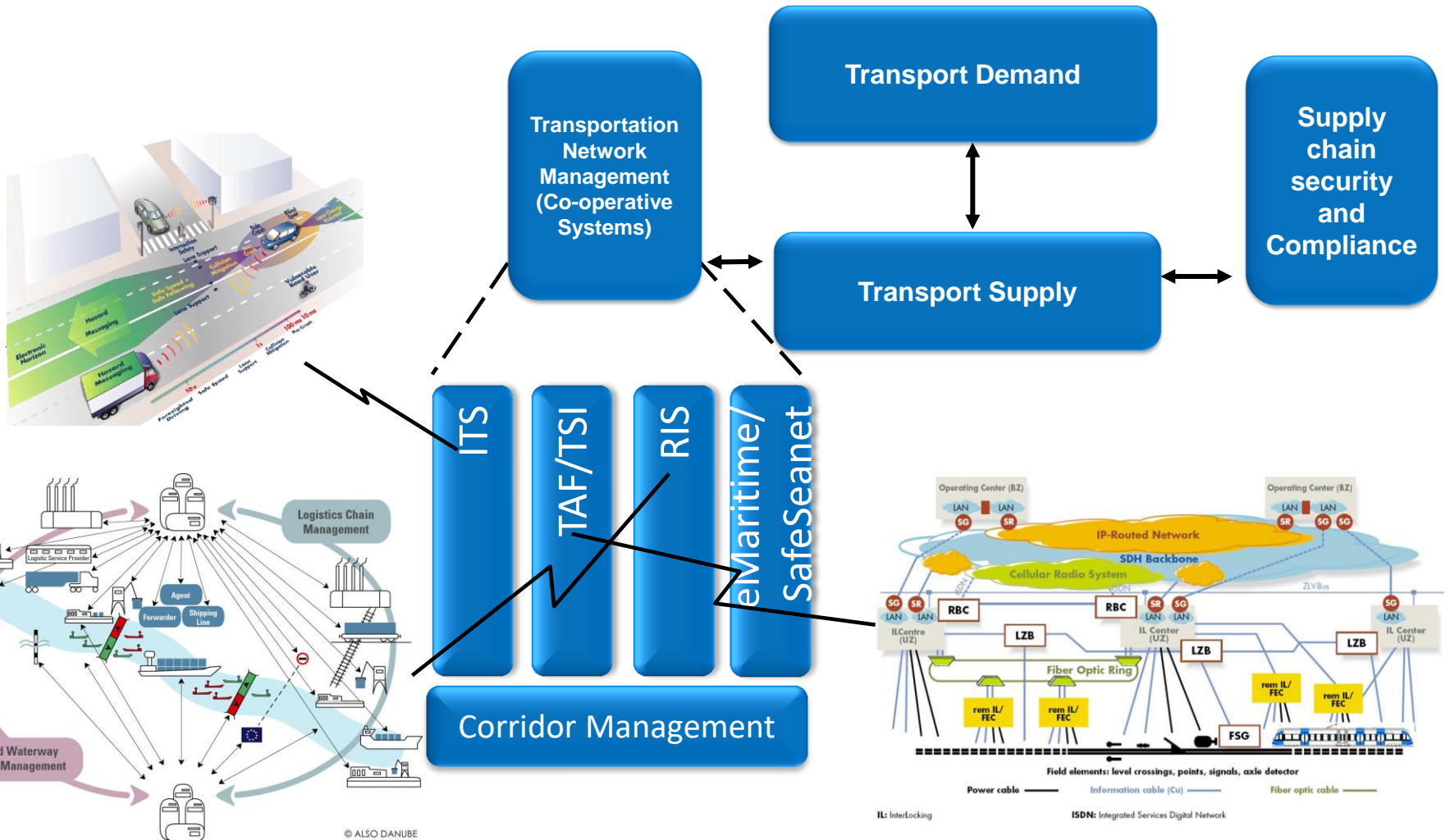
- Vision
- Benefits
- E-transport is already happening
- However: remaining challenges
- How can public authorities help?
- Digital Transport and Logistics Forum (DTLF)

# Digital Transport and Logistics Forum

## Paperless freight transport in a multimodal context

- Once only
- Across modes
- Across countries
- Along the whole supply chain: planning, execution, monitoring and reporting

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## Digitalisation enables transport and supply chain optimisation

- Enhanced supply chain visibility
- More efficiency and better resilience
- Fewer costs, less administrative burden
- New business opportunities
- Optimised choice of transport services
- Better transport management

# Digitalisation enables transport and supply chain optimisation

(continued)

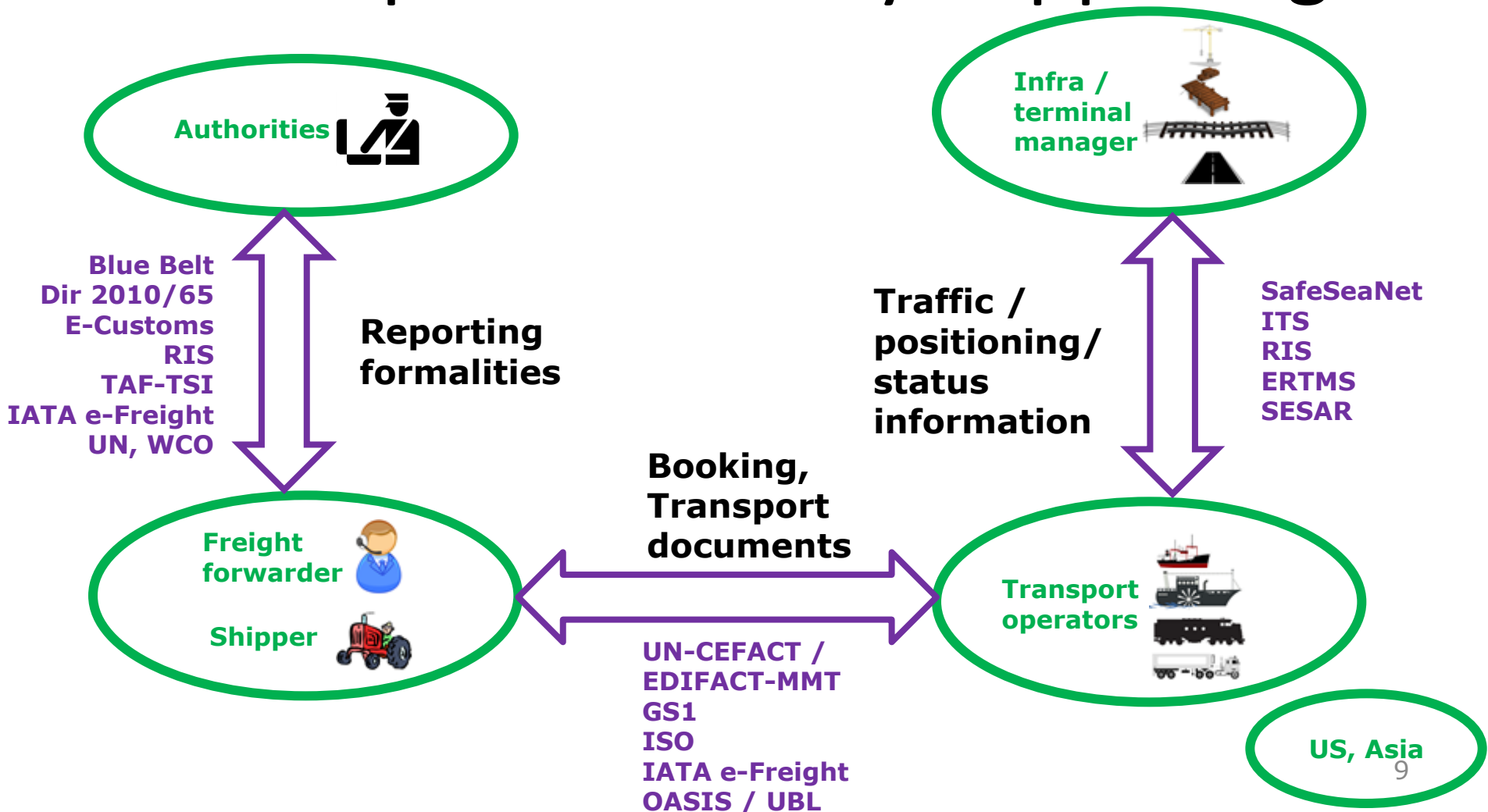
- Reduced warehousing costs
- Greater safety and enhanced damage prevention of perishables or dangerous goods
- Improved security
- Better maintenance of vehicles and infrastructure
- Reduced administrative cost of compliance
- Fewer CO2 emissions

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# E-Transport is already happening



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# ...but there are remaining challenges

- Non-interoperable standards
- Lack of interconnected systems
- Process digitalisation and re-engineering
- Data ownership
- Data sharing, access to data, re-use of data
- Lack of trust/data confidentiality
- Data protection, cybersecurity

# ...but there are remaining challenges

- Non-recognition of e-Transport documents
- New business models
- Governance
- Big data, added value creation
- Low cost solutions, accessibility for SMEs

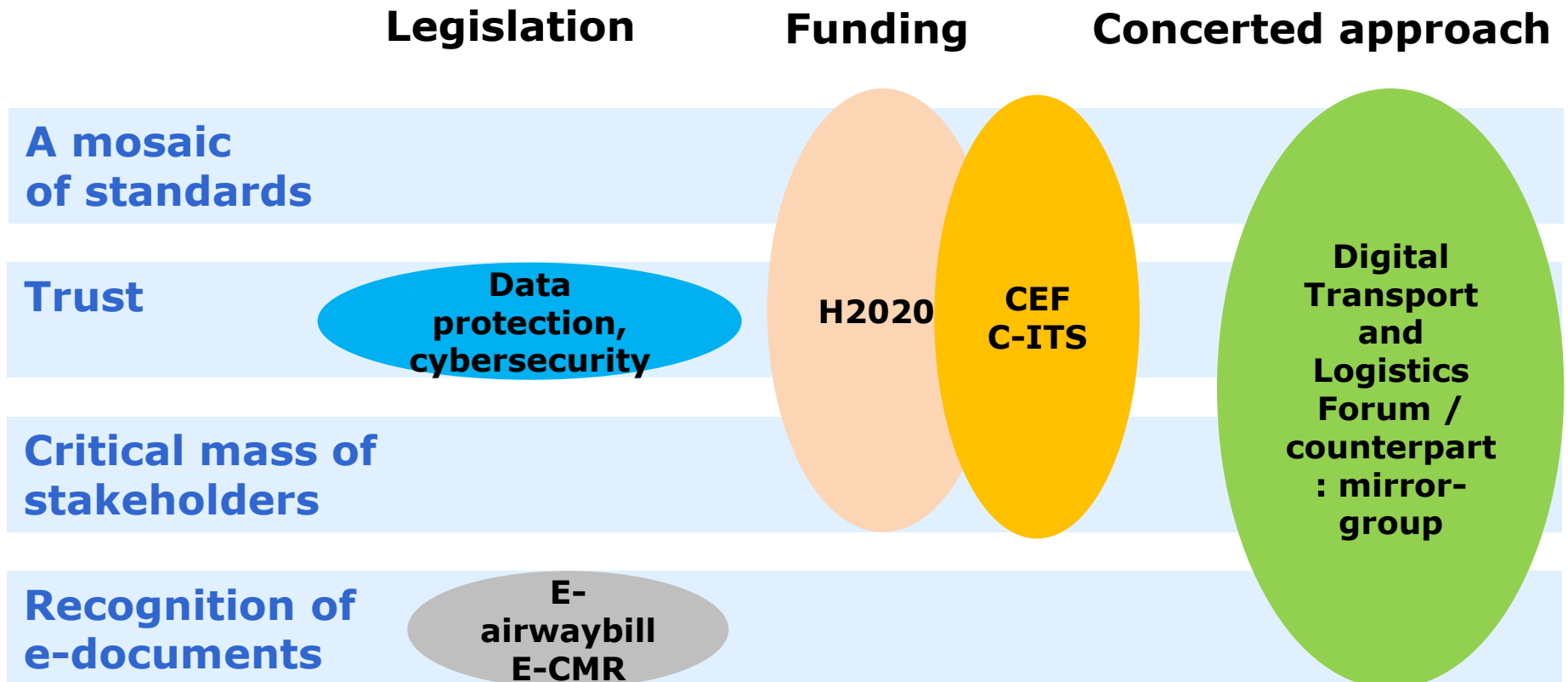
# ...which need to be addressed

- Solutions are available, but implementations on a large scale are slow to appear
- It is not only about technologies, but about change in organisation and behaviour
- Sharing of information requires trust and co-operation
- Co-operation requires interoperability
- Interoperability requires standardised solutions
- It may require an appropriate legal framework, in addition to data security and protection

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# How can public authorities help answer challenges ?



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## Digital Transport and Logistics Forum: context



### Digital Single Market strategy 2015

- **For:** making the EU's single market fit for the digital age
- **Actions:** Better online access to digital services. An environment where digital networks and services can prosper. Digital as a driver for growth.

# What is the DTLF?

## EXPERT GROUP set up by Commission Decision

- Consultative platform for the coordination and cooperation between stakeholders (operators, logistics service providers, public authorities, cargo owners, technology provider) in a cross-modal and cross-sectorial perspective
- Provides expertise and user requirements for the further digitalisation of transport and logistics and the possible preparation/implementation of EU legislation
- Does not take any binding decisions, but should formulate opinions or recommendations and support the Commission in formulating a strategy/roadmap

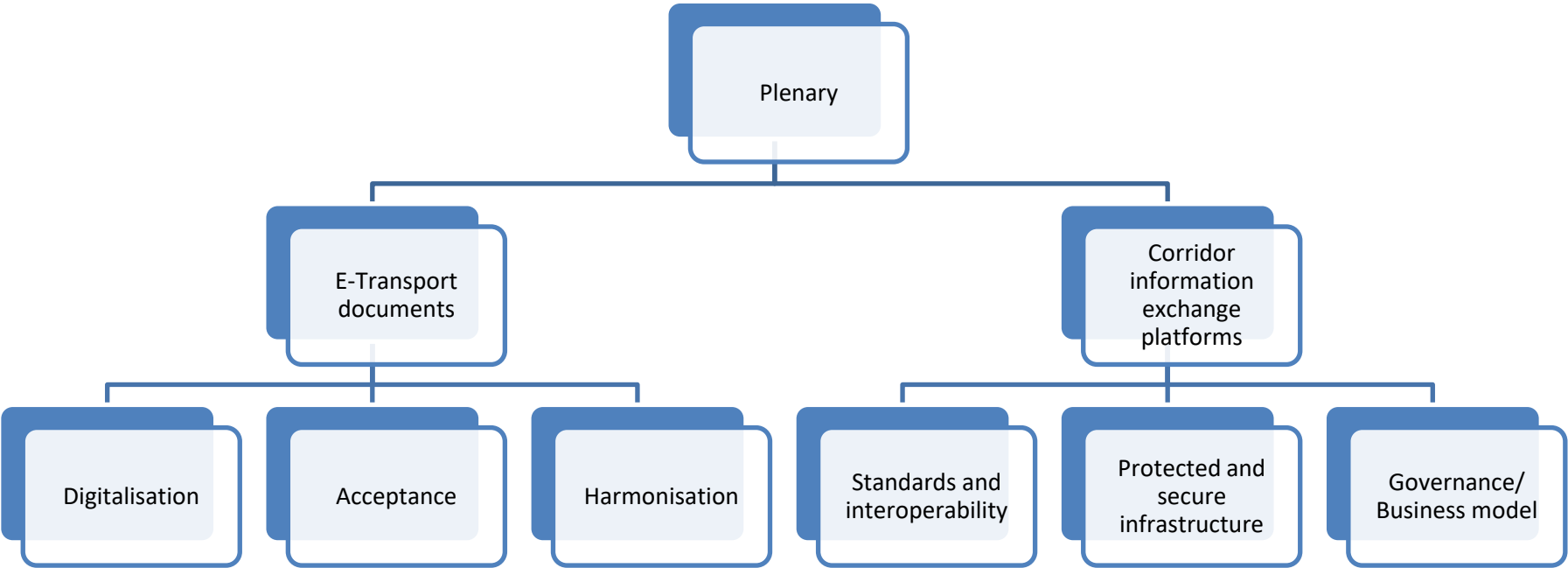
# Topics addressed

- Electronic transport documents:
  - ✓ Identify concrete measures for acceptance of electronic transport documents, in particular waybills/consignment notes , by Member States authorities as well as other entities (banks, insurances)
  - ✓ Assess scope for the harmonisation of data elements and for the establishment of multimodal e-transport documents (across modes)
  - ✓ Digitalisation of other transport documents, such as vehicle registration, ship certificates etc.
- Optimisation of cargo flows along transport corridors:
  - ✓ Identify business cases where better exchange of data across different IT systems (e.g. traffic management / reporting systems / supply chain management systems / booking systems) could enable an optimised use of transport infrastructures
  - ✓ Identify bottlenecks
  - ✓ Propose short-, medium-, and long-term measures to overcome the identified barriers across all the TEN-T core network corridors.

# Corridor Information and Management Systems

- Data sharing
- Exchange infrastructure
- Standards and interoperability
- Data protection, trusted environment, access rights
- Data quality
- Data ownership
- Business models
- Governance

# Structure of the Forum



END