BOOSTLOG **data sharing** cloud report

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- **collaboration between the key players in the sector** – manufacturers, suppliers, logistics services providers, carriers, warehouses etc. **relies on data**

- according to a recent study by PwC *"there is no other industry where so many industry experts ascribe a **high importance to data sharing and analytics in the next five years than transportation and logistics** – 90% in T&L compared to an average of 83%*

- multiple international standards organizations are trying to identify a **normalized method of identification of required data that will apply to any seller to buyer shipment, regardless of the transport mode**.

Data sharing definition:

Data sharing in a supply chain is referred to as the extent to which crucial and/or proprietary information is available to other actors of the supply chain for the completion of their daily operations
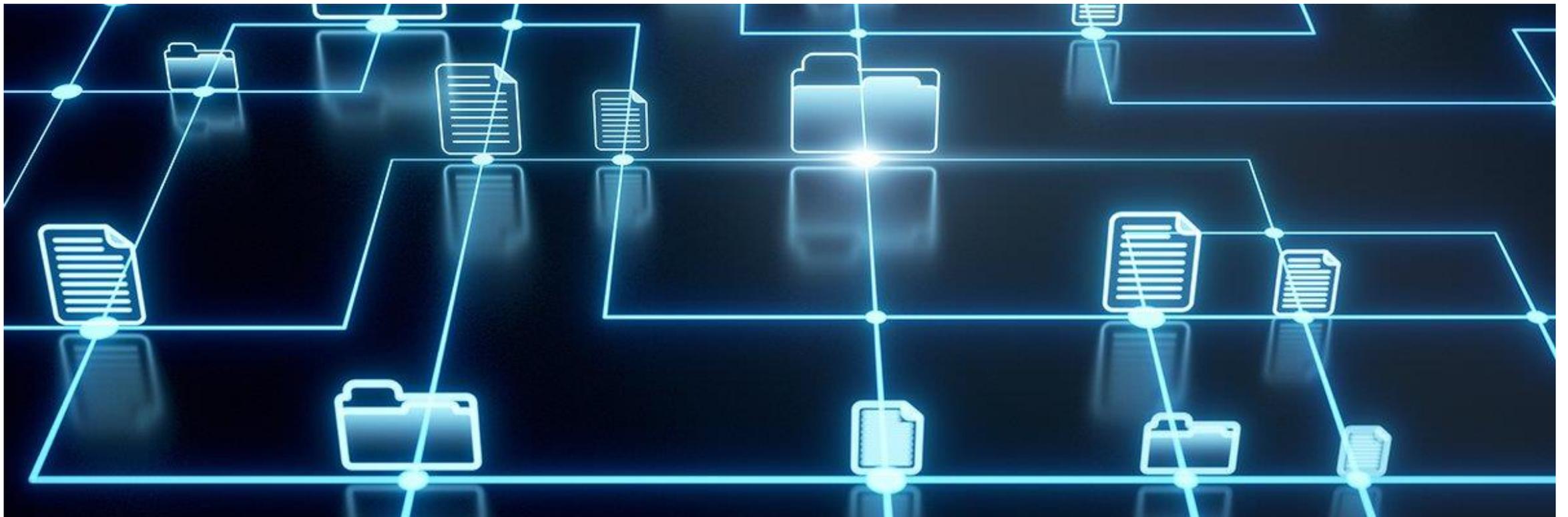
- Types of Data Sharing
  - Business to Business
  - Business to Authorities
- Relative EU initiatives and legislation
  - Single Window
  - eFTI
  - DTLF
  - TACHONET, RESPER, ERRU, RIS, IMI etc
- Data Sharing and the Physical Internet
- Data sharing implementations & initiatives
- EU funded projects results
  - Governance
  - Standardisation
  - Market uptake possibilities

The eFTI Regulation

- On 17 May 2018 the Commission adopted a proposal for regulating electronic freight transport information

- The proposal was part of the third 'Europe on the move' package, which followed the 2016 low-emission mobility strategy and the two mobility packages of May and November 2017 related to industrial policy strategy and contributes to the objective of a safe, clean and efficient mobility.

- On 6 June 2019 the Council announced that all relevant public authorities would be **required** to accept information made available electronically on **certified platforms** when companies use this format to provide information

- ***The final act was published in the Official Journal of the EU on 31 July 2020 and entered into force 20 August 2020***

- The eFTI regulation (No 2020/1056) shall ***apply from 21 August 2024***

- Reduced administrative costs in transport and logistics – *27 Billion euro over 20 years*

- Improved overall efficiency of the logistics chain, as it will also facilitate the electronic exchange of information between the economic operators themselves

- More efficient enforcement of freight transport rules in the Union

- Complementary effects with the European Maritime Single Window Environment and the EU Single Window Environment for Customs

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Current Status:

- 40 R&I related projects identified
- Drafting of the report has been initiated

PROGRAM	Name (CORDIS web Page)	Project Web	Acronym	Coordinator	Year of the project starting
FP5	Intelligent Personalised Catalogues to innovate and boost Business to Business Ecommerce (applied within the domain of electrical equipment components)	Website closed	B2B-ECOM	CENTRE DE RECHERCHES SCIENTIFIQUES ET TECHNIQUES DE L'INDUSTRIE DES FABRICATIONS METALLIQUES	2000
FP5	Global Intermodal Freight Transport System		GIFTS	TELESPAZIO S.P.A.	2001
FP6	Intelligent integration of supply chain processes and consumer services based on unique product identification in a networked business Environment	http://www.smart-rfid.eu/	SMART	INTRASOFT INTERNATIONAL SA	2006
FP7	Intermodal Global door-to-door container supply chain visibility		INTEGRITY	INSTITUT FUR SEEVERKEHRSWIRTSCHAFT UND LOGISTIK	2008
FP7	Co-modality - towards optimised integrated chains in freight transport logistics	Website closed	KOMODA	SIEC BADAWCZA LUKASIEWICZ INSTYTUTLOGISTYKI I MAGAZYNOWANI	2008
FP7	SMART Container Chain Management		SMARTCM	ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS	2008
FP7	Smart freight transport in urban areas	Website closed	SMARTFREIGHT	STIFTELSEN SINTEF	2008
FP7	RIS Services for Improving the Integration of Inland Waterway Transports into Intermodal Chains		RISING	ISL	2009
FP7	ICT System addressed to integrated logistic management and decision support for intermodal port and dry port facilities	Website closed	SAIL	UNIVERSITA DEGLO STUDI DI TRIESTE	2010