

FENIX2.0

How can a network
of **data platforms**
create value?



FENIX2.0 wants to put futureproof transport and logistics in action

About FENIX2.0

FENIX2.0 is a non-profit organization being a federative network of platforms. It federates companies, helping them to adapt their IT-platforms in order to enable data sharing in the form of digital corridor information systems serving the European logistics community.

- ✘ Set up a **hands-on association** of members.
- ✘ Become front row players in **cross border logistics data exchange** and standardized data interoperability.



FENIX2.0 will facilitate the rollout of seamless data sharing in transport and logistics



- ✘ Provide guidelines and tools for testing and implementing transport and logistics services, with cross-border harmonization and interoperability of data exchange.
- ✘ Provide a connectivity and interoperability framework between partners' platforms.
- ✘ And cooperate and potentially integrate with similar organizations to facilitate early alignment between various standardization initiatives.

4 good reasons

to join FENIX2.0



- 1.** Your needs and requirements are the top priority in addressing innovative approaches in transport logistics.
- 2.** You can ventilate suggestions, remarks and ideas to legislative authorities to be taken into account for better transport logistics.
- 3.** You can be a leader and pioneer speeding up seamless data sharing and stopping the fragmentation and lack of connectivity around ICT-based system for logistics decision making.
- 4.** You can get help with raising funds for projects and you can count on training and technical support for connectivity: think of technical maintenance of the connectivity framework, standardization and interoperability support, impact monitoring, certification, and access to the most up to date knowledge base.

FENIX2.0: **secure, safe and trusted**

A secure ecosystem of data providers and data consumers for optimal transport decisions.

A safe framework to connect plug and play systems.

Trusted peer-to-peer solutions: decentralized, independent, all members have same rights and obligations, all member keep control of their own platforms.



Join the FENIX2.0 network

Quite some organizations, companies, shippers, academia are already convinced of why FENIX2.0 is important for them.

Eusebiu Catana, Fenix Project Coordinator, Ertico:

It is crucial to 'undo' the fragmentation of information that currently exists in the field of freight transport and logistics.

Sergio Barbarino, Research Fellow, Procter & Gamble:

Through the FENIX2.0 initiative, any service provider can join together to harmonize the deployment activities of transport and logistics services across Europe. Connectivity makes visualizing shipping details and coordination between different steps along the way easily manageable.

Zoltan Balogh, System and Project Manager, Mondelez International:

FENIX2.0 facilitates networking and collaboration among its members of the private and public sector and 'digitally' goes where no one has gone before in transport and logistics. EU backing and strong EU ownership of the initiative is the strongest argument for joining Fenix2.0.

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Co-financed by the Connecting Europe
Facility of the European Union

A European federated network of information exchange in future logistics

Support the transition to seamless data sharing

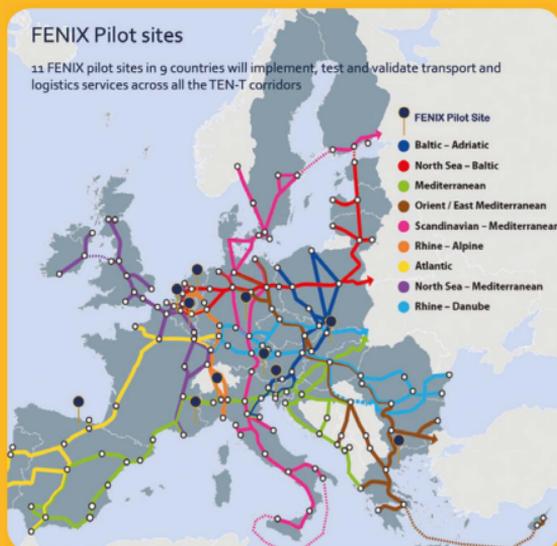
FENIX will develop the first European federated architecture for data sharing serving the European logistics community of shippers, logistics service providers, mobility infrastructure providers, cities, and authorities in order to offer interoperability between any individual existing and future platforms.

48
months

11
pilot sites

45
beneficiaries

9
TEN-T corridors



Fenix2.0 is the sequel of the European Fenix project

The Fenix Network project consortium is now in full preparation for its sequel **FENIX2.0**, a joint initiative to set and maintain the FENIX specifications in order to allow platforms to share data, including cross-border harmonization and interoperability.



Focus of **FENIX2.0** shifts from innovation to deployment.

European logistics industry calls for digital standards

Research data validate the Fenix Network aim to improve data processes in transport and logistics sector.

DIGITAL DATA EXCHANGE INSTEAD OF PAPERWORK

What do you wish for the future of intermodal logistics?



79,0%

Less paperwork and more digital exchange between the parties involved



75,4%

More efficiency, agility and real-time information



70,2%

Wider application of existing standards



56,1%

Increase of horizontal collaboration between manufacturers and retailers in order to improve bundle transports



29,8%

AI-supported applications



21,1%

Increased standardized barcode captured information of destination

Better interoperability and more efficiency

What are the most important benefits you expect from improved compatibility in logistic networks?



Digital logistic platforms should be interoperable

People from the research panel said that data standards make an essential and important contribution to an effective, efficient and interoperable digital supply chain. According to the respondents, it is the use of data standards that reduces the effort required for development and implementation and improves subsequent interoperability.

INTEROPERABILITY (71.2%)

Should data exchanged via digital logistics platforms be compatible with other applications — for example, with your transport management system or compliance platforms?



More transparency through standards

Logistics service providers

IT solution providers

90,9%



Transport documents

66,7%

72,7%



Asset management

57,1%

63,6%



Locations

71,4%

81,8%



Visibility

71,4%

54,6%



Cross border procedures

52,4%

45,5%



Partner/stakeholder identification

33,3%

In which of these areas (e.g. unique identification) would standards be helpful?

The role of standards for seamless interoperability is huge

Those working in logistics struggle with countless manual entries, paper shipping documents, time consuming customs clearance. Delays and empty containers, long waiting times at borders and lack of transparency in the transport of dangerous goods are also part of this picture, where currently complex systems don't speak the same language in terms of neutral, interoperable standards. Traditionally, supply chains are built upon a wide range of existing standards, but they are generally not well aligned and, therefore, difficult to combine.