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PRESS RELEASE

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FENIX has worked to build the first European federated architecture for logistics data exchange

FENIX - A European Federated Network of Information eXchange in LogistiX – a CEF project coordinated by ERTICO-ITS Europe that was launched in 2019 has recently organised its final event. The occasion gathered over 150 participants in Grimbergen, near Brussels: they represented logistics stakeholders such as public authorities, transport companies, service providers, ports, customs, shippers, terminal operators, users and academia.

Having involved a total of 46 beneficiaries by implementing 11 different Pilot Sites across the European Union, FENIX has successfully ended its journey, which lasted 48 months.

FENIX has worked to 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.

FENIX conceiving was the result of the work and recommendations of the European Commission's Digital Transport and Logistic Forum (DTLF) to create a viable and valid federative network of platforms as enabler for Business to Administration (B2A) and Business to Business (B2B) data exchange and sharing by transport and logistics operators.

FENIX has managed to leverage the interoperability-driven modelling framework along with existing model mechanisms and results from the H2020 projects AEOLIX and SELIS as building blocks.

The FENIX concept was built on the idea of a cloud-based technology that would boost horizontal collaboration, optimise routing and dynamic re-routing of freight through plug-and-play solutions for Supply Chain planning and operations. The end goal, which was each Pilot Site's individual objective, was to set integrated services that exploit real-time Big Data streams for real time awareness and visibility, delivered from the cloud as a service.

FENIX also marked the way to enhanced exploitation of Internet of Things (IoT), satellite navigation and retrospective historical data, by leveraging automated processes and intelligent algorithms to identify opportunities for more enhanced streamlining of routes, customisation of cargo routing combinations, and optimisation of delivery schedules.

"By counting on teamwork and good coordination, FENIX has put in practice the lessons learned with AEOLIX, and reached goals that were not easy to imagine at the beginning of this journey. FENIX2.0, the next step of the project, will continue what FENIX did and further will ensure for all partners a secure ecosystem of data providers and data consumers for optimal transport decisions within a safe cross border data sharing framework to connect plug-and-play systems." said Eusebiu Catana (ERTICO – ITS Europe).

FENIX has been one of ERTICO's highly valuable project whose impact will be felt through meaningful results in the coming years.

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Note to editors:

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<https://fenix-network.eu/>



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About ERTICO

ERTICO – ITS Europe is a public-private partnership of 120 companies and organisations representing Service Providers, Suppliers, Traffic and Transport Industry, Research, Public Authorities, Users, Mobile Networks Operators, Vehicle Manufactures.

ERTICO embodies Thought Leadership and fosters Stakeholder Engagement; ERTICO innovates, promotes and deploys Intelligent Transport Systems and Services (ITS) through a variety of activities including European co-funded projects, Innovation Platforms, International Cooperation, Advocacy and Events. ERTICO is also the organiser of the ITS European Congresses, which take place every year in a different European city.

Our focus is on Connected & Automated Driving, Urban Mobility, Clean Mobility, and Transport & Logistics.

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