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PRESS RELEASE

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First federated data network harmonises the exchange of logistics information along the nine major EU transport corridors

A consortium composed of 43 companies and organisations is breaking ground developing the first federated data network to harmonise the exchange of logistics information along the nine major EU transport corridors.

The current lack of interoperable and networked information exchange in the supply and logistics chains is the main barrier preventing greater efficiency in transport and logistics processes within the European transport network. The EU-funded project FENIX, a collaboration of the GS1 organisations of Austria, Belgium, France, Germany, Global Office, Greece, and Spain, has well positioned itself at European level by focussing on increasing standardisation and interoperability across the FENIX consortium. To this end, eleven pilot sites have been set up in nine different countries to share best practices.

Project partners include Air Cargo Belgium (ACB), ATOS, Bilbao Port, CERTH, European Shippers Council (ESC), Interregional Alliance for the Rhine-Alpine Corridor (EGTC), Interporto Bologna and Trieste, Jan de Rijk, Kühne & Nagel, the Italian and Greek Ministries of Infrastructure, Mondelez International, Procter & Gamble, the Alps-Adriatic, Liguria, Lombardia and Piedmont regions, Rheinhäfen and TX Logistics, alongside consortium manager ERTICO - ITS Europe.

The European Federated Network of Information eXchange in LogistiX – shortened to FENIX – is a project supported by the European funding programme CEF (Connecting Europe Facility) with total funding of 30 million euros. The aim of the project is to achieve maximum interoperability between existing and new logistics information systems, resulting in a seamless data exchange network.

The aim of the federated FENIX architecture is to enable different digital platforms to easily connect together and to harmonise the services that they offer. Plans include the development of applications as plug-and-play solutions, such as optimised route planning and dynamic re-routing based on real-time visibility.

FENIX operates using a cloud-based approach that has access to accurate, reliable, event-related information flows. Two key pillars for this approach are agreement on standards and a combination of private and public governance. FENIX also draws on the Internet of Things (IoT), satellite navigation and retrospective data for developing automated processes and intelligent algorithms. Consortium partners will use insights gained that way to streamline freight routes or combine them in more optimised ways. Those who are set to gain the most from this are members of the European logistics community, such as shippers, logistics service providers, mobility infrastructure providers, cities and the authorities.

By the end of the project in April 2022, this not-for-profit, open-source, federated organised network for the transport and logistics industry should be accessible to all stakeholders in the EU.

Innovation for tomorrow's journey.

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Note to editors:

FENIX – A European Federated Network of Information eXchange in LogistiXStudy - 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.

www.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 and World 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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