

Lighthouse Projects



Making strides in navigating digital transformation with lighthouse projects



These projects aim to create a data exchange platform built on transparency, trust, and openness, targeting multiple industries, such as Agriculture, Mobility and Manufacturing, to name a few. Furthermore, these projects will help us bring and create a coherent data space for sharing data, helping to leverage Gaia-X's use cases to build the current lighthouse pipeline and build a comprehensive pipeline of future lighthouse projects.

More info on the lighthouse projects
<https://gaia-x.eu/who-we-are/lighthouse-projects/>

Manufacturing, Industry 4.0
EuProGigant

EuProGigant: Austrian-German lighthouse research project "for calamity avoiding self-orchestration of value chain and learning ecosystems" working on central questions related to the smart and sovereign use of data in manufacturing.



Automotive Supply Chain
Catena-X

Catena-X: It is one of the first industrial lighthouse projects of Gaia-X. It aims to create a secure and standardised data-based ecosystem for businesses ranging from OEMs, 1st Tier and to small & medium enterprises in the entire automotive value-chain.



Agriculture
Agdatahub

AGDATAHUB: A European operator of consent and data exchange platforms, this lighthouse project has joined forces with Gaia-X to create value in agricultural chains by mobilising data intelligence for healthy, traceable, and environmentally friendly food and technical advice tools to farmers.



Electronics Supply Chain
SCSN

Smart Connected Supplier Network (SCSN): It is an open data lighthouse ecosystem along the lines of Gaia-X that enables data sharing in a manufacturing environment, resulting in fast, safe, secure, and efficient data exchange within the high-tech supply chain.



Mobility
Mobility Data Space

Mobility Data Space (MDS): The lighthouse project focuses on the sovereign data exchange in the mobility sector, offering an ecosystem for everyone working on innovative, environmentally sustainable, and user-friendly mobility solutions. By facilitating Gaia-X compliant data exchange, the Mobility Data Space enables its members to participate in the data economy on equal and fair terms based on shared European values.



Cloud Services
Structura-X

Structura-X: A lighthouse project for European cloud infrastructure endeavours to enable existing Cloud Service and Infrastructure Providers (CSP) data and infrastructure services to be Gaia-X certifiable.



Mobility, Transport & Tourism
EONA-X

EONA-X: provides a trusted environment to unlock data sets and foster mobility, transport and tourism use cases. A primary focus is the optimisation of multimodal trips to contribute to achieving the zero emission target defined by the EU Mobility Strategy. A powerful demonstrator was delivered based on real time data coming from real production systems of airline and rail industry

