

Lighthouse Projects

gaia-x
Lighthouses



Making strides in navigating
digital transformation
with lighthouse projects

 agdatahub

 Catena-X
Automotive Network


ELINOR-X
THE URBAN DATA COOPERATIVE

 EONA-X

 EuPro
Gigant

 Mobility
Data Space

 smart
connected
supplier
network

 Structura-X

gaia-x  future mobility

 omega-x

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/>

A European operator of consent and data exchange platforms, Agdatahub 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.

Catena-X is the first collaborative, open data ecosystem for the automotive industry of the future, linking global players into end-to-end value chains - as simply, securely and independently as never before.

The first Gaia-X implementation in Switzerland. The government of the City of Lucerne, and the Universities of Lucerne and Fribourg are piloting a new "data cooperative" model, which allows the public, private sectors, and citizens to contribute with data and get remunerated (financially or otherwise). Through this data cooperative, the government and other public service providers will be able to solve important and/or urgent issues that affect all its residents using data-driven decisions. The project initially aims to tackle the issue of data mobility asset optimisation.

EONA-X aims at improving Mobility, Transport & Tourism thanks to data sharing; This dataspace was founded by key mobility and transport players, such as Air France KLM, Amadeus, Groupe ADP, Aéroport Marseille Provence, SNCF, Groupe Renault and welcome active members such as Apidae Tourism.

EuProGigant - stands for the vision of a smart, resilient and sustainable European manufacturing industry. By March 2025, the project team will set up a multilocation, digitally networked production ecosystem. In interaction with Gaia-X, EuProGigant not only enables sovereign data management, but also offers a new dimension in the analysis of the companies' own production processes by making cross-company data value chains in a multi-platform ecosystem describable.

The 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.

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.

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.

Agriculture Agdatahub



Automotive Supply Chain Catena-X



Urban Data Cooperative ELINOR-X



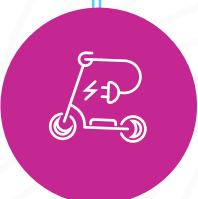
Mobility, Transport & Tourism EONA-X



Manufacturing, Industry 4.0 EuProGigant



Mobility Mobility Data Space (MDS)



Electronics Supply Chain SCSN



Cloud Services Structura-X



This will include federated infrastructure, data marketplace and service marketplace, involving data sharing between different stakeholders and demonstrating its value for concrete energy use cases while guaranteeing scalability and interoperability with other data space initiatives.

Energy **Omega-X**



Mobility & Transport **GAIA-X4 Future Mobility**



The focus of the 6 projects is on the Gaia-X-based implementation of future mobility applications. Due to the product proximity of the applications, data-based networking with manufacturers, suppliers, service providers and users is particularly important. Around 80 players from all application, research and topic areas of mobility, especially information and communication technologies, are involved in GAIA-X4 Future Mobility.