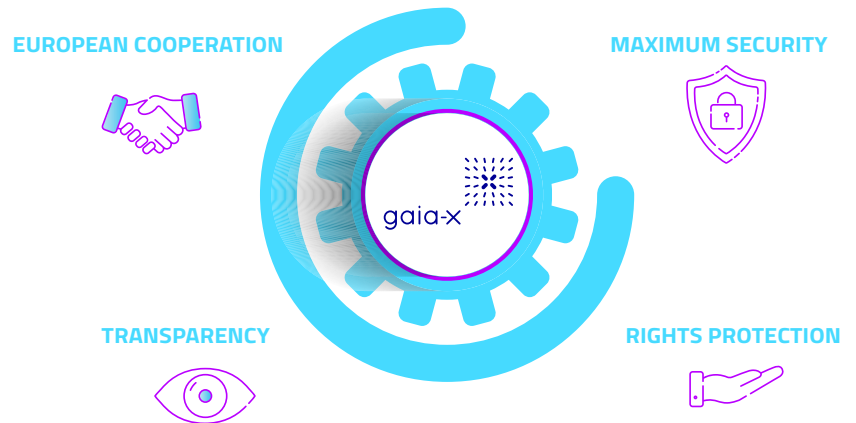


Join the new Federated Data Infrastructure Ecosystem

Who are we?

Gaia-X represents the **next generation of data infrastructure ecosystem**: an open, transparent, and secure digital ecosystem, where data and services can be made available, collated and shared in an environment of trust.

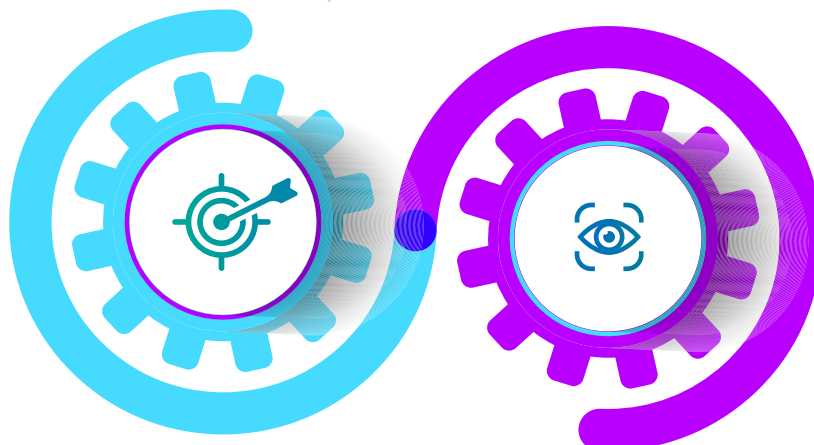


The architecture of Gaia-X is based on the principle of decentralisation. Gaia-X is the result of many individual data owners (users) and technology players (providers) - all adopting a common set of policy, technical, and labelling rules and specifications – the **Gaia-X framework**.

Together, we are developing a new concept of data infrastructure ecosystem based on the values of openness, transparency, sovereignty and interoperability, to enable trust. What emerges is not a new cloud physical infrastructure, but a software federation system that can connect several cloud service providers and data owners together to ensure data exchange in a trusted environment and boost the creation of new common data spaces to create digital economy.

Mission and Vision

MISSION Together we create an open, transparent, and secure federated digital ecosystem, where data and services respond to common rules and can be freely and securely built, collated, and shared.



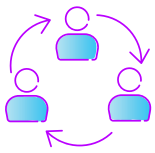
VISION Digital Platforms are becoming the digital twin of physical environmental, economic, political, and societal ecosystems. Our ability to ensure their respect of fundamental principles of freedom, transparency, and sovereignty, will determine the future of Europe and any civil society.

Who is behind Gaia-X?

Representatives from business, politics, academics, and science **from Europe and around the globe** are working together, hand in hand, to create a federated and secure data infrastructure ecosystem. Companies and citizens will collate and exchange data in such a way that they keep control over them. They should decide what happens to their data, where it is stored, and always retain data control.

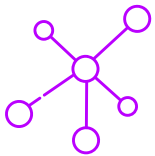
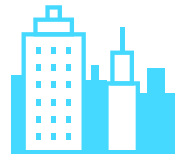
As in natural ecosystems, different organisations take on specific tasks in Gaia-X, which defines the technical and regulatory requirements and represents member organisations from all over Europe and the globe to engage them and promote international cooperation.

The **Gaia-X Hubs** act as the voice of user ecosystems on a national level. Their main objectives are to bundle national initiatives, develop ecosystems, and provide a central point of contact to interested parties in their respective countries.



More than 355 organisations and companies are members of the Gaia-X

Good balance of organisations and private companies
- more than 40% are SMEs



Organisations from different sectors such as mobility, energy, manufacturing, finance, agriculture, aerospace, public services, healthcare, etc.

The demand in practice

Today, many small and medium-sized enterprises repeatedly build individual interfaces for data exchange and interoperability solutions with each individual customer. This is tedious and costs money. With Gaia-X, common data-exchange mechanisms will be made available that obey to the common needs of trust.

Today's data are distributed geographically and hard to be moved in a single place. In addition, many users don't want or cannot move them from where they are, but the current Cloud offering is concentrated on a few players offering a hyper-verticalised model. With Gaia-X, federation of interoperable cloud nodes will be enabled to offer the critical mass and the necessary geographical distribution to elaborate data, where they are minimising their transport.

Today's commercial leading Digital Platforms use proprietary, non-interoperable technologies that concern and make users reluctant in adoption. Gaia-X will provide mechanisms and will verify the real level of interoperability.

Today's cloud adoption in Europe is 26%. This means most of our data and applications are still not accessible, not exchangeable. Gaia-X will create a framework enabling users to make educated decisions, based on European value.

It will deliver on a real alternative removing the roadblocks associated with a lack of trust and freedom of choice for cloud adoption; and accelerate the development of new solutions in a safe and trusted environment for a flourish European digital economy.

Join us

Gaia-X is open to all companies and organisations from all countries, giving the chance to everyone - user or provider of technology to shape our future, by working together to build the next generation of data-infrastructure ecosystem for Data Spaces. Every member can participate in working groups developing our roadmap. From start-ups to large enterprises, from universities to public institutions, everybody has the right and the responsibility to contribute. We are waiting for you!

Let's get in touch!

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