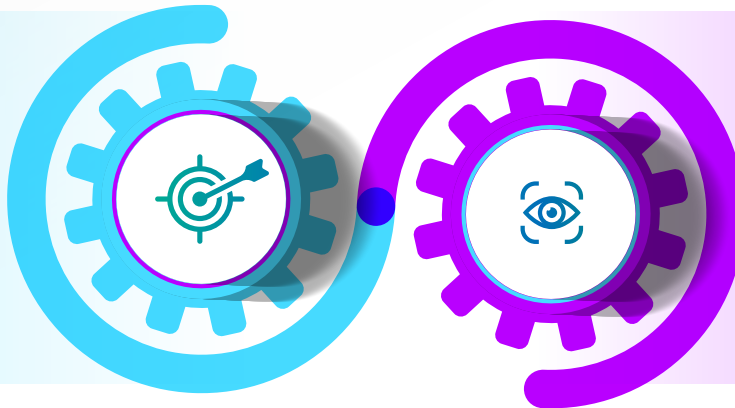gaia-x

Together towards a sovereign European Data Infrastructure

Who we are

We are building the next generation data infrastructure. Where anyone – whether organisations or individuals – can collect and share data and use services. In a networked system based on the values of openness, transparency and trust.

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, sovereignty and trust will determine the future of Europe and any civil society.

Gaia-X in numbers

355 +
355+ members from 30 countries joined the association, including enterprises, research institutions, associations, administrations and politics.

170+
170+ use cases from more than 15 industry sectors worldwide display the economic demand for Gaia-X.

10+

3
19
3 Committees enhance Gaia-X: for the areas of technology, policy rules and data spaces. They unite a total of 19 working groups and sub-working groups.

21
16 EU and 5 non-EU Hubs are established in:
Austria, Belgium, Finland, France, Germany, Greece, Hungary, Italy, Japan, Korea, Luxembourg, the Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, USA (Texas, California, Washington DC)

14
14 Data Spaces are: Health, Mobility, Finance, Tourism, Agriculture, Energy, Manufacturing, Smart Living, Media etc.

1 European Commission (06.05.2020): https://eur-lex.europa.eu/legal-content/EN/TXT/HTML/?uri=CELEX:52015DC0192 [last retrieved on 28.10.2020]
2 ibid
3 European Commission (19.02.2020): https://ec.europa.eu/commission/presscorner/detail/-de/fs_20_283 [last retrieved on 27.10.2020]
4 European Commission: https://ec.europa.eu/info/strategy/priorities-2019-2024/europe-fit-digital-age/european-data-strategy_de [last retrieved on 28.10.2020]

Our X Model

Connecting Data - Infrastructures Ecosystems

Advanced Services
New (Cross-) Sector Innovations / Applications build from service composition.

Data Spaces / Federations
Interoperable & portable (Cross-) Sector data-sets and services.

Data Exchange
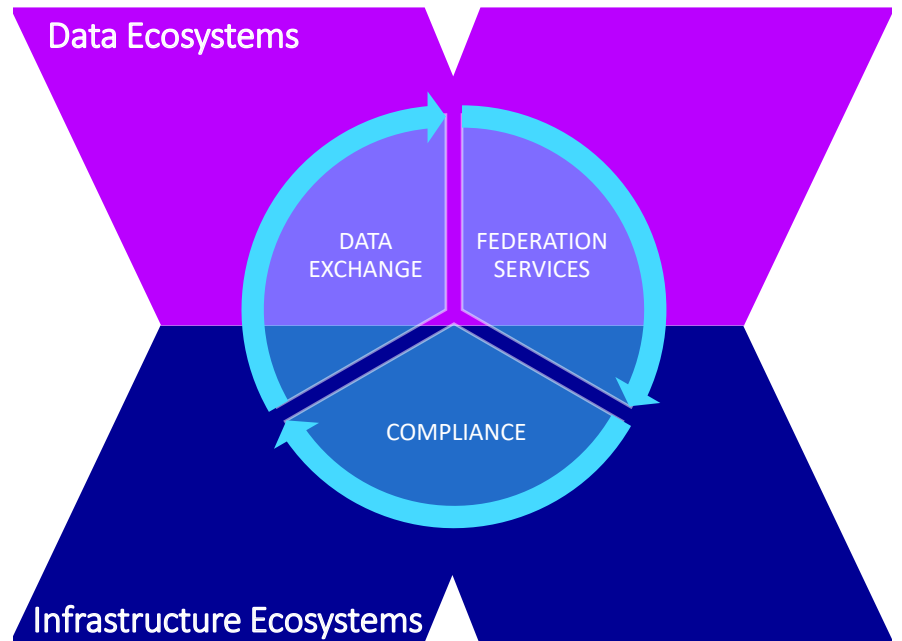Anchored contract rules for access and data usage.

Gaia-X Compliance
Decentralised services to enable objective and measurable trust.

Label framework
Gaia-X and ecosystem specific Labels to ease market adoption through autonomy and self-determination.

Data Ecosystems

DATA EXCHANGE

FEDERATION SERVICES

COMPLIANCE

Infrastructure Ecosystems

From traditional cloud to Gaia-X

Concentrated
Proprietary
Opaque

Distributed
Open
Transparent

Trust & Sovereignty

Users **LET** Control

Users **GET** Control