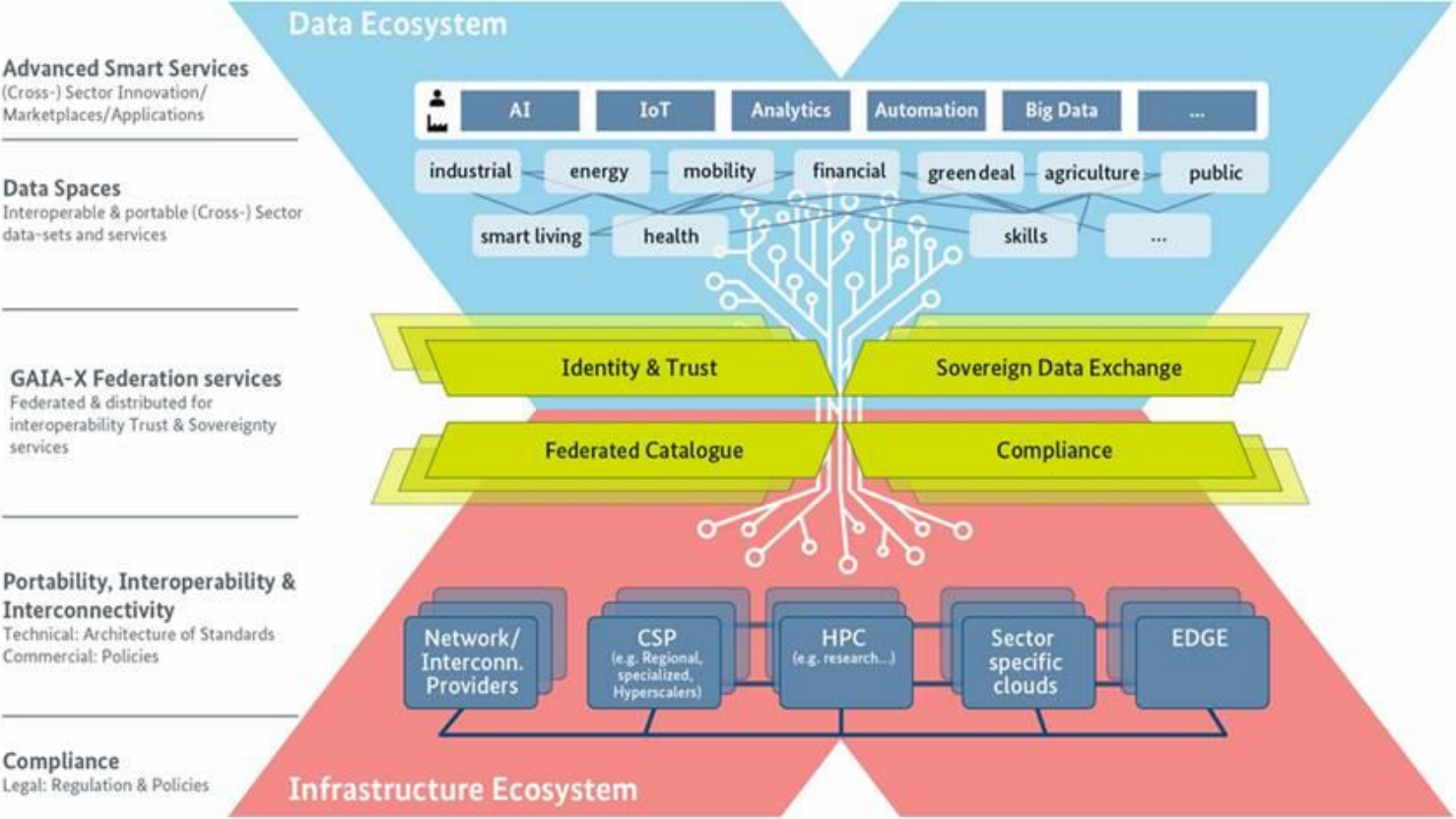# Architektur Gaia-X Ökosystem

Gaia-X Federation Services

Federation Services as core of the technical infrastructure

The technical implementation of these Federation Services focuses on…

Data Ecosystem

...the implementation of secure **Federated Identity and trust** mechanisms (security and privacy by design).

Identity & Trust

...**Sovereign Data Services** which ensure the identity of source and receiver of data and the access and usage rights towards the data.

Sovereign Data Exchange

...easy access to the available providers, nodes and services. Data will be provided through a **Federated Catalogue.**

Federated Catalogue

...the establishment of a **Compliance** framework and Certification and Accreditation services.

Compliance

Infrastructure Ecosystem

Gaia-X identifies the minimum technical requirements and services necessary to operate **the Federated Gaia-X Ecosystem**. The development of these services will follow the principles of **Security-by-Design** and also include the concept of **Privacy-by-Design**.

Federated Service - Integration & Portal

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