

Gaia-X Hub Schweiz

Vertrauen durch Struktur: Warum die Schweiz einen Gaia-X Hub braucht

26. August 2025
Bern

Gaia-X Hub Switzerland startet: Souveräne, transparente und sichere Schweizer Daten

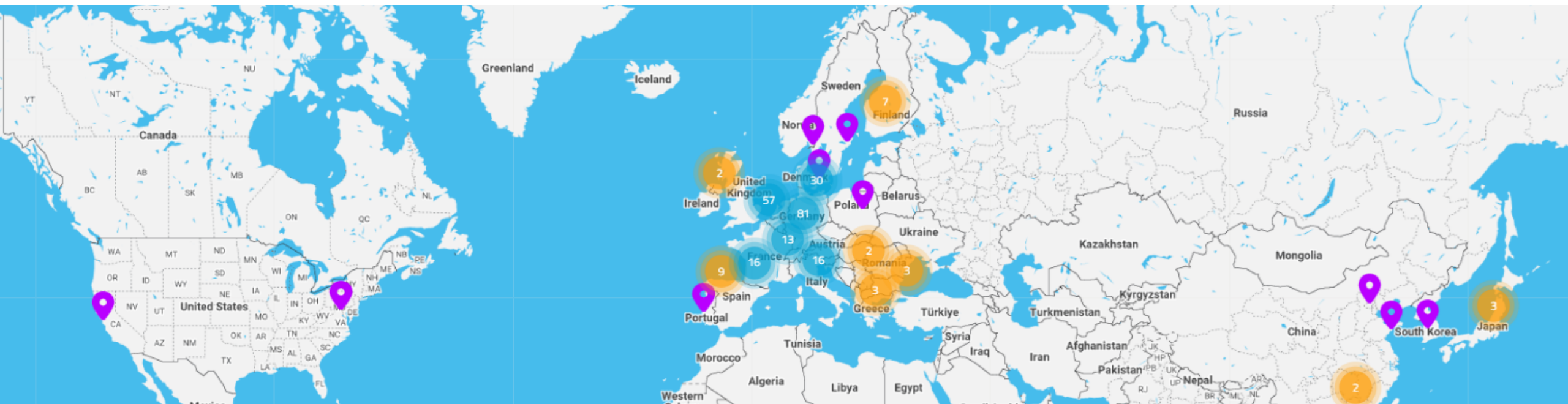
01 Was/Wer ist Gaia-X

02 Vorstellung Gaia-X Hub Schweiz

03 Fragen?

Gaia-X: A global member driven association

- **Founded 2021** in Europe by 11 French and 11 German organisations
- **Today 248 members** from around the world



VISION: Enable trusted decentralised digital ecosystems

MISSION: Creating the *de facto* standard to enable a **federated and trusted data infrastructure**, by developing a set of specifications, rules, policies, and a verification framework

Europe's Challenge

- **Draghi Report: The Growing Productivity Gap**

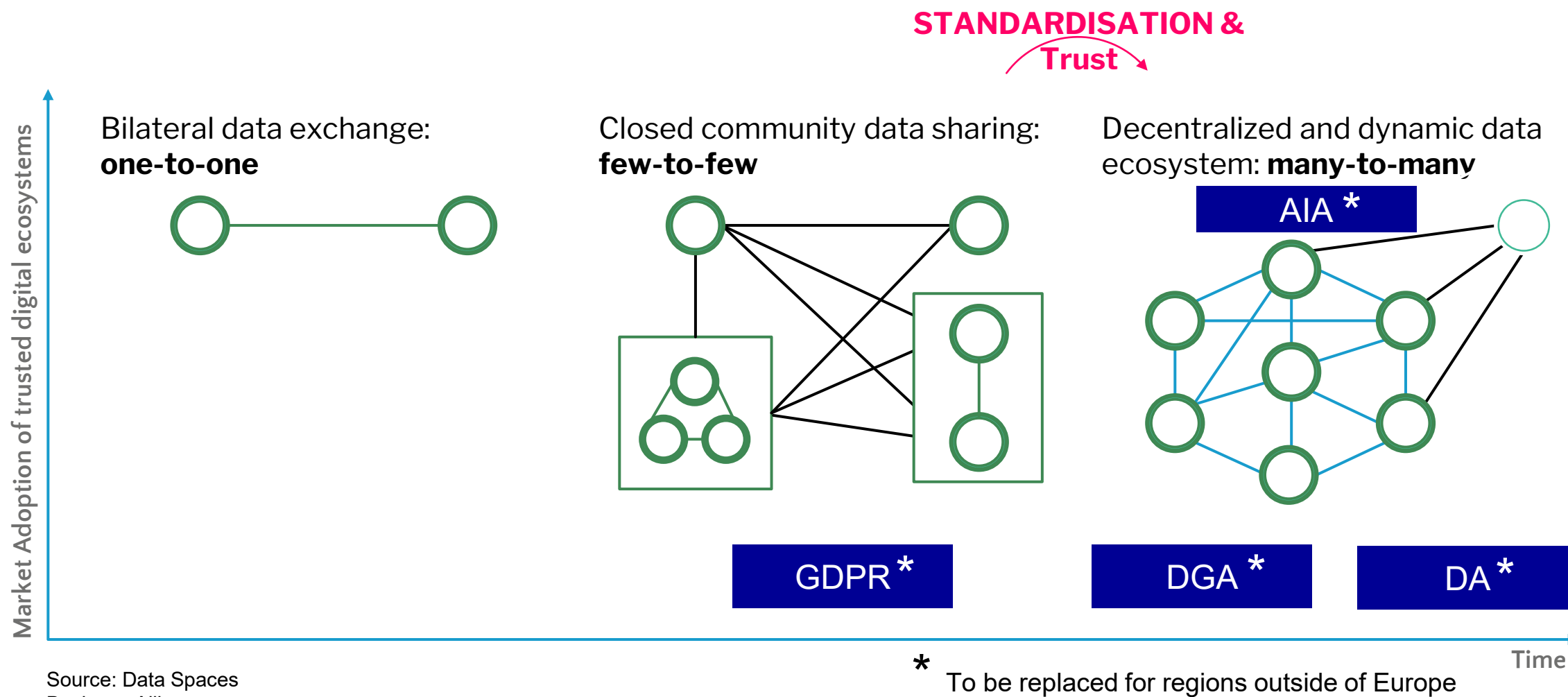
"The key driver of the rising productivity gap between the EU and the US has been digital technology."

- **Draghi Report: Cross-Industry Data Sharing for Accelerating AI**

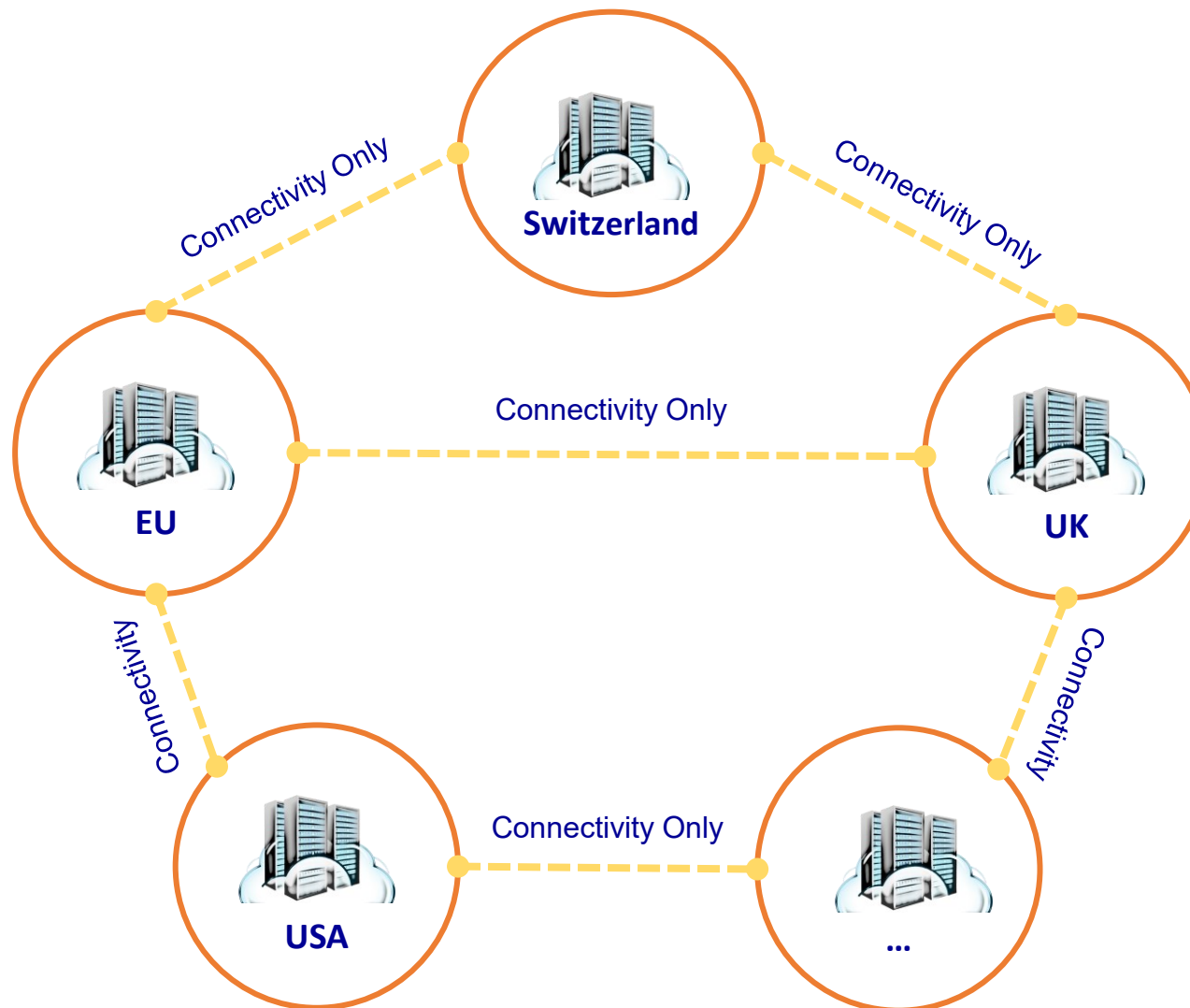
"The EU should promote cross-industry coordination and data sharing to accelerate the integration of AI into European industry."

- Europe is falling behind in breakthrough digital technologies.
 - **70% of AI foundation models** have been developed in the US since 2017.
 - **65% of the global and European cloud market** is controlled by three US hyperscalers.
- AI as **key driver of economic growth and innovation**.
 - Data is crucial for competitive AI, yet **Europe struggles with availability, interoperability, and scaling of data**.
 - **The paradox:** Europe produces **massive amounts of industrial data**, but it remains **silosed within companies and industries**.

The demand for Data Spaces



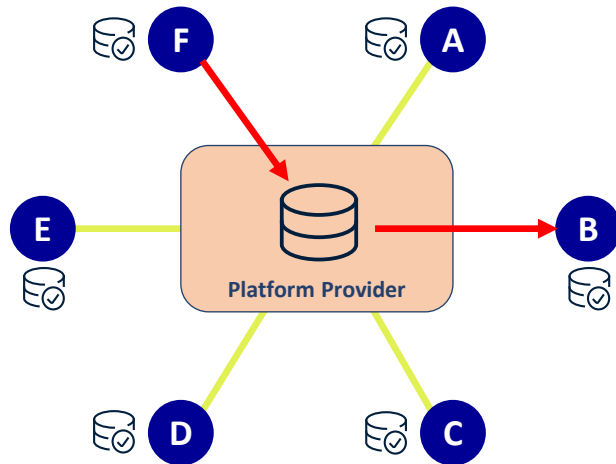
Cloud Services vs. Ecosystems – The problem in-between



Gaia-X Ecosystem Realization



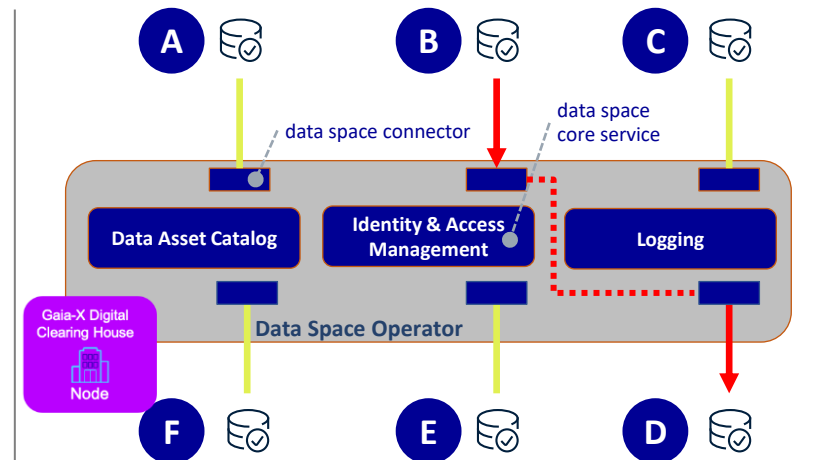
Data Platform
central provider



lead concepts:

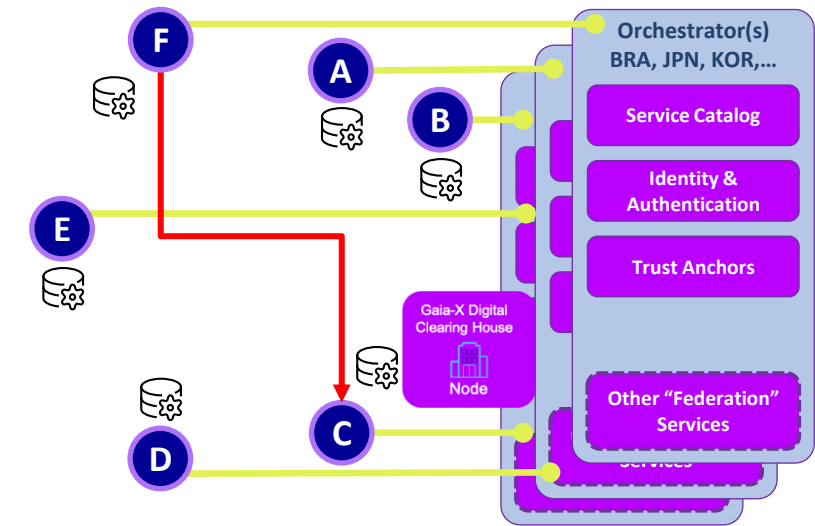
«API»

Data Space
central operator



«data asset»

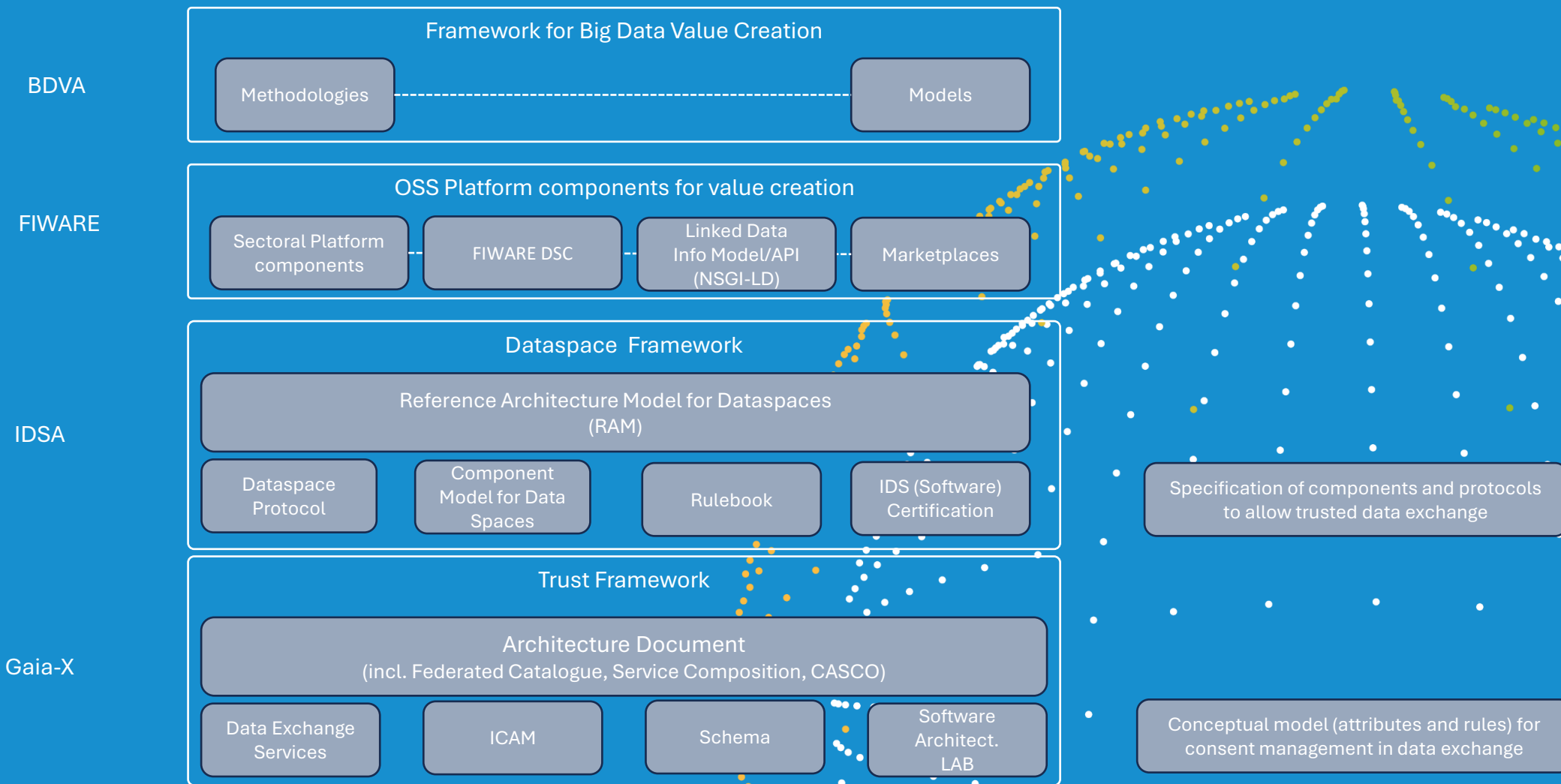
Data Ecosystem
federated orchestrator(s)



«service»

A **Gaia-X ecosystem** is the alignment structure of the multilateral set of partners that need to interact in order for a focal value proposition to materialize. It has one or more federated operators. **Gaia-X participants** and **services** are verified by one or more **Gaia-X Digital Clearing Houses** for trust, sovereignty and interoperability.

Complementary, integrated specifications



Gaia-X Trust Framework - From policies to production



Gaia-X Governance

Gaia-X Community

Gaia-X technology
agnostic
Compliance
document



Gaia-X rule
agnostic
Architecture
document



Design

OSS Community

Gaia-X Release
Code
e.g. Loire V 2.1



Build

Service Provider

Gaia-X Digital
Clearing House



Node



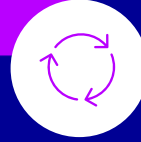
Gaia-X Digital
Clearing House
Node



Gaia-X Digital
Clearing House
Node



Gaia-X Digital
Clearing House
Node

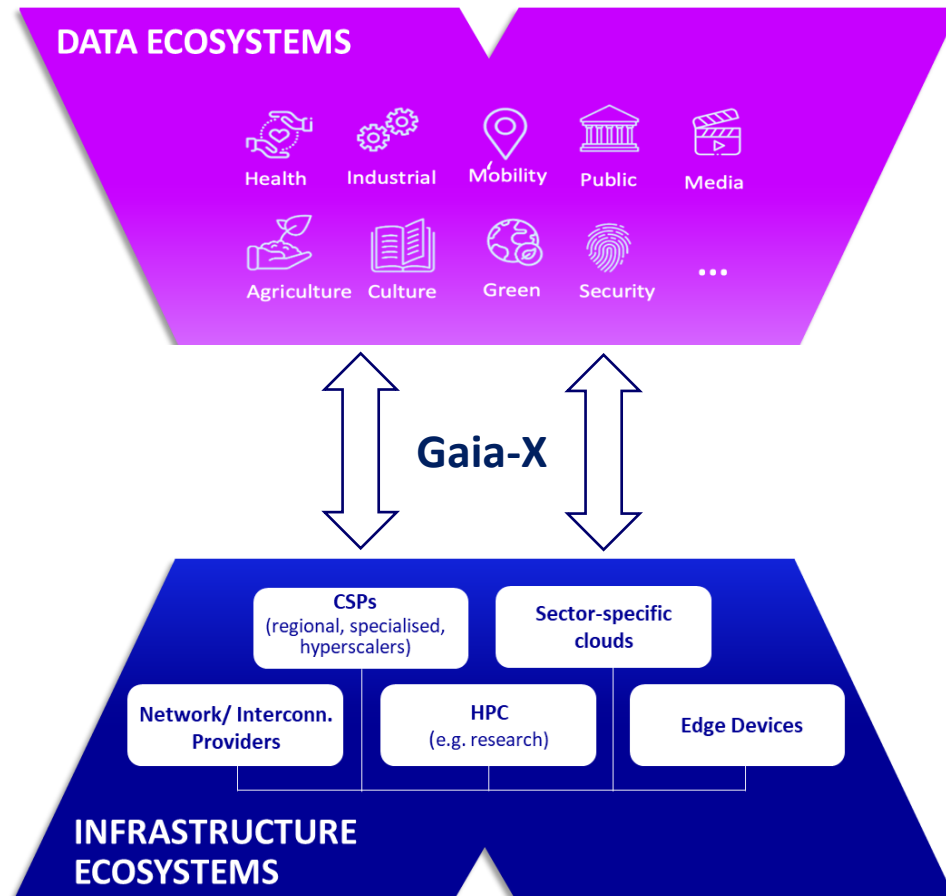


Gaia-X Digital
Clearing House
Node

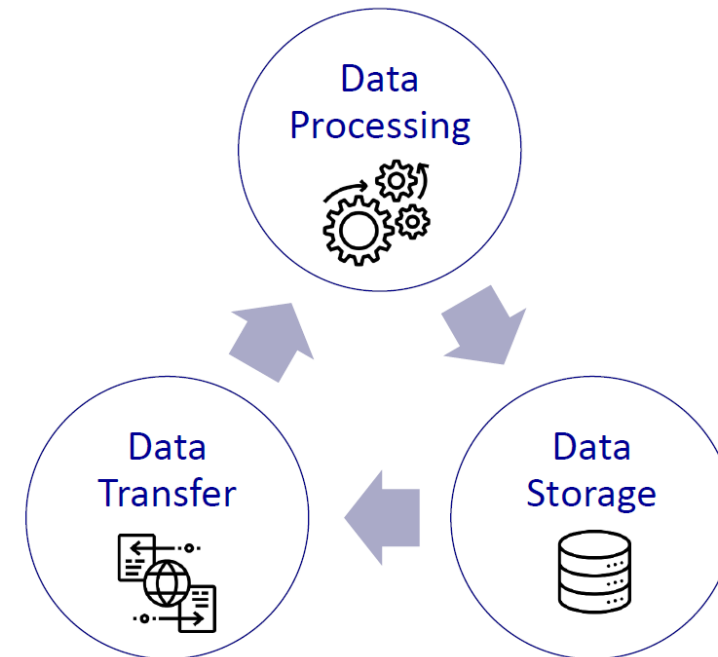
Run

Gaia-X is connecting the current 'Split-X' Model

- The Gaia-X trustworthy environment allows to connect disjoint data & infrastructure ecosystems (the upper & lower parts of the X)



All 3 main classes of data operations ...

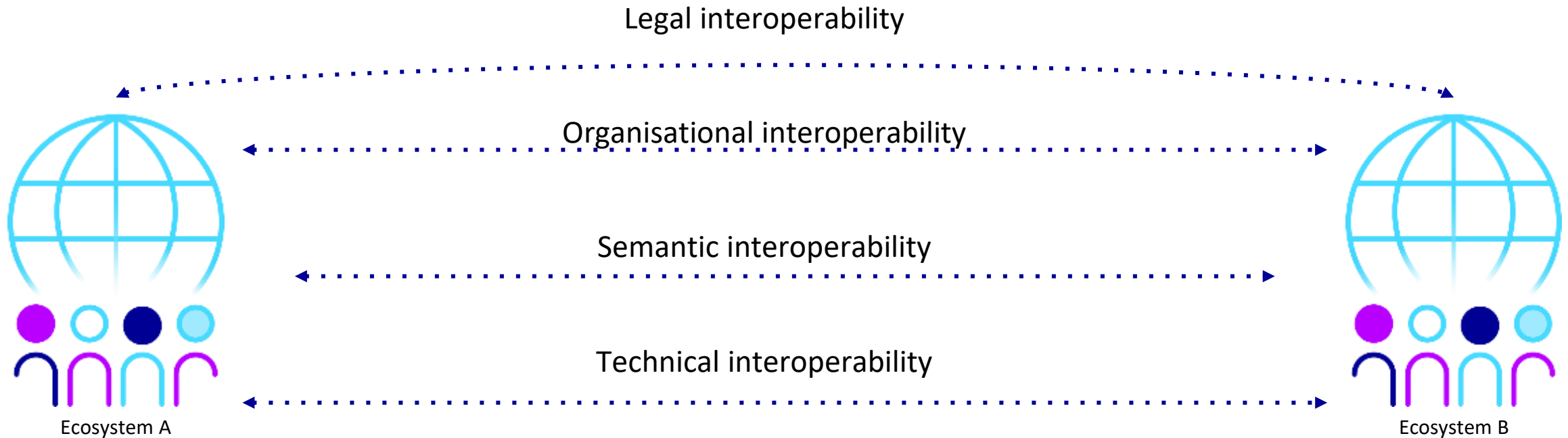


... rely on underlying CSP and ICT services

No Cloud services – no Data Spaces



Interoperability layers



Gaia-X Compliance document.



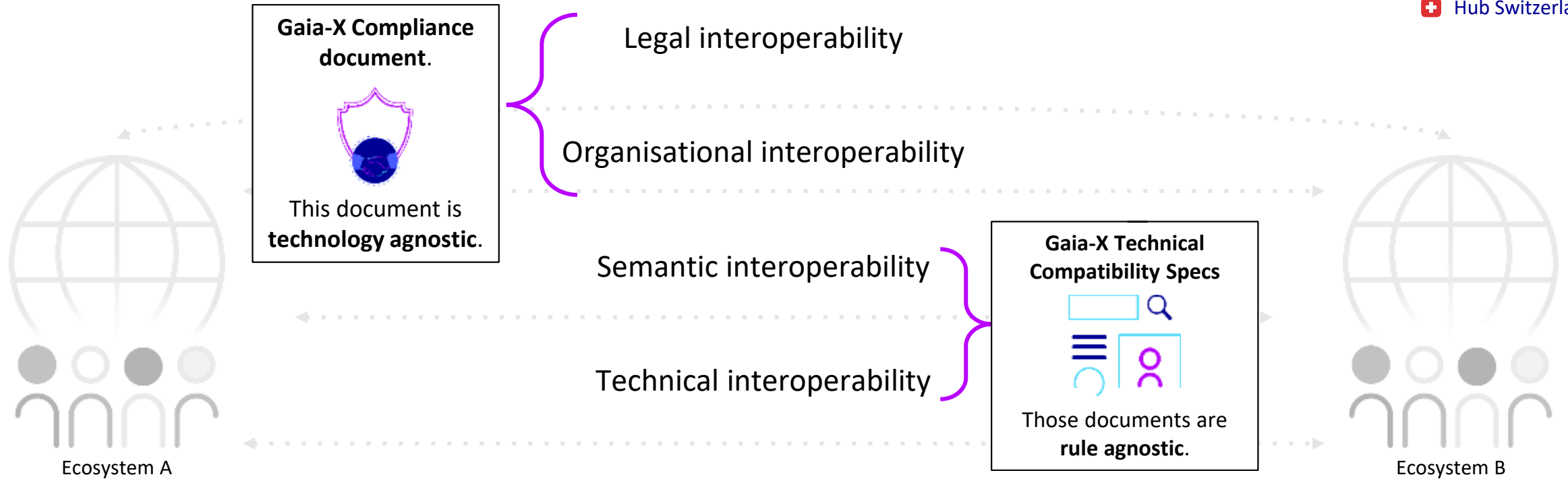
This document is **technology agnostic.**

Gaia-X Technical Compatibility Specs

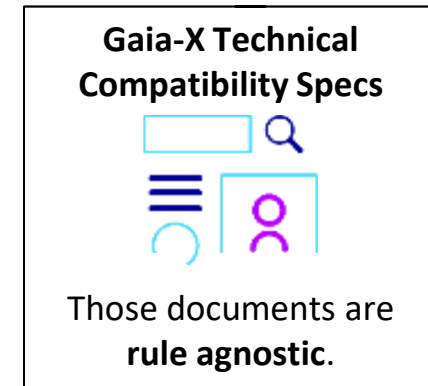
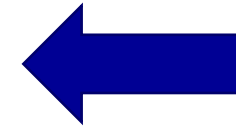


Those documents are **rule agnostic.**

Interoperability layers



Gaia-X – Technical Committee: OSS & Services



<https://compliance.gaia-x.eu/>

- **Fully Open-Source Software**
- **Worldwide adoption ready**
 - Decentralised data layer for the Gaia-X Registry scalability and information consistency. (ex: EU <-> JP)
 - Support for European and non-European national Trust Service Providers.

Focus on end user services!

Automated Compliance by Gaia-X Compliance Document



- **62 Criteria** are paving the way for an **Automated Compliance in Europe**
- **Compliance documents for regions outside of Europe with other legislations to be developed by the regions with support from Gaia-X**

	STANDARD COMPLIANCE	LEVEL 1	LEVEL 2	LEVEL 3
Declaration of Service or Product	✓	✓	✓	✓
Signed with verified method (e.g. eIDAS)	✓	✓	✓	✓
Automated validation by GXDCH	✓	✓	✓	✓
Automated verification by GXDCH*	✓	✓	+	+
Data Exchange Policies	✓	✓	✓	✓
Certified Label Logo		✓	✓	✓
Data protection by EU legislation		✓	✓	✓
Manual verification by CAB			✓	✓
Provider Headquarter within EU				✓

Gaia-X Digital Clearing House providers



In production



signed in deployment. pipeline

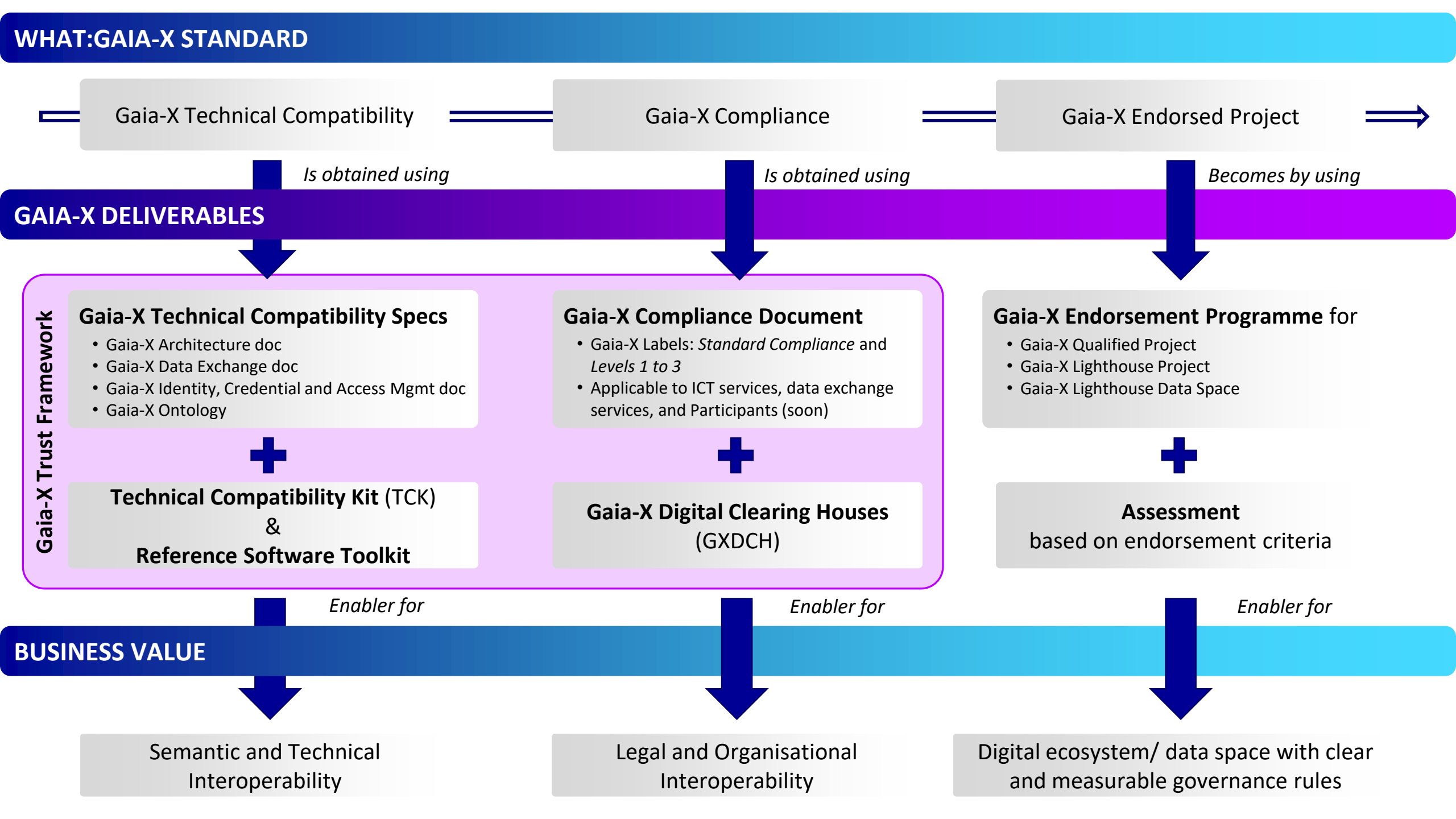


October 8, 2024

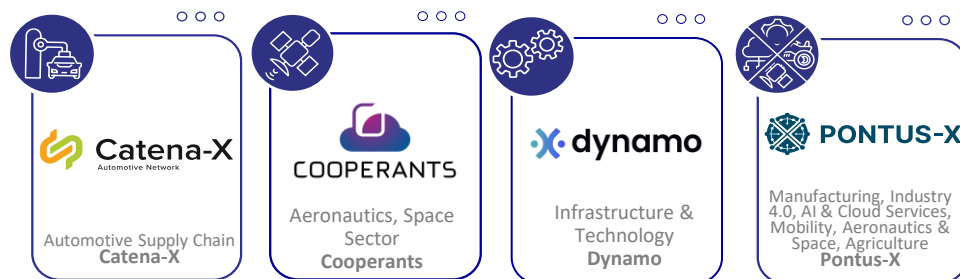
NTT DATA and Gaia-X Expand Global Reach with Deployment of Gaia-X Digital Clearing House in Japan

NTT DATA is pleased to announce the successful deployment of a testbed for a Gaia-X Digital Clearing House in Japan.

... The deployment in Japan is part of a data space test bed project led by the University of Tokyo, with active participation from industry giants including Toshiba, SoftBank Corp., NTT DATA, and NTT Communications. ...



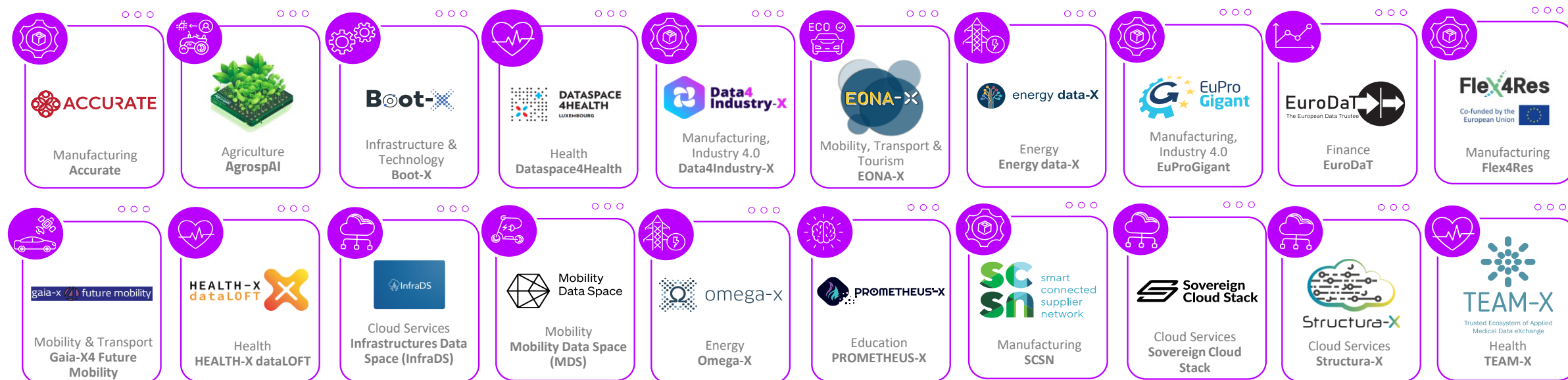
Lighthouse Data Spaces



Qualified Projects



Lighthouse Projects



Learn more about [Gaia-X endorsed projects here](#)

Data Space Application and Gaia-X



Challenge

Trust between parties, or participants

Access to High Quality Data

Need for a trustworthy Ecosystem

Global legislation challenge



Gaia-X solution

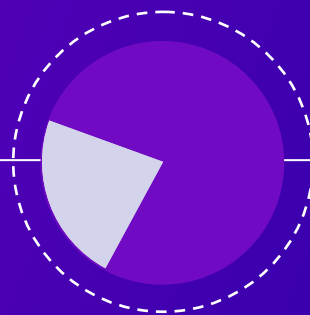
Digital Clearing Houses

Gaia-X Architecture & Trust Framework

Gaia-X Ecosystem and interoperability

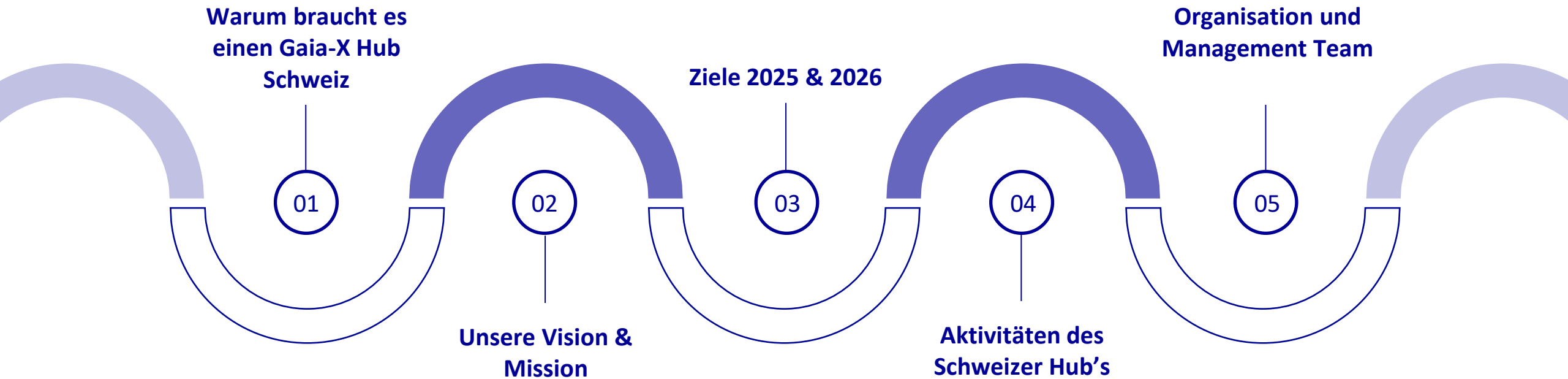
Labels & Data Exchange policies enforcement

Warum ein Gaia-X Hub Schweiz



Vorstellung Vision, Ziele und Aktivitäten der
Gaia-X Hub Organisation

Vorstellung Gaia-X Hub Schweiz

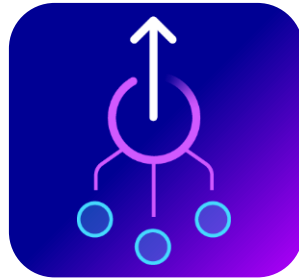


The role of the Gaia-X Hubs



Connect

Hubs connect potential Gaia-X stakeholders, both within and across different countries and sectors



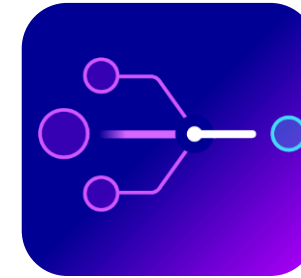
Consolidate

Hubs consolidate relevant initiatives/ projects within countries



Spread

Hubs increase user interest across Europe and globally to scale-up the spread of use cases



Streamline

Hubs ensure efficient cooperation & avoid unnecessary doubling of efforts within a particular industry



Coordinate

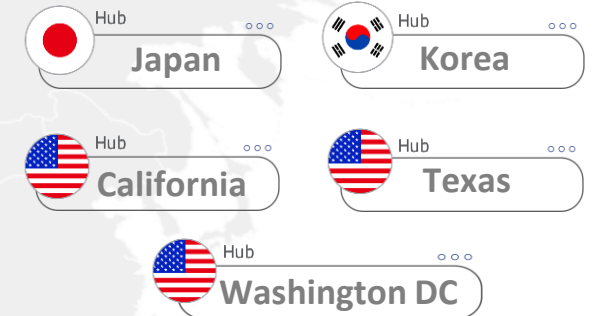
Hubs liaise closely with the Gaia-X AISBL to define requirements, relevant regulations and policies

Overview of actual Gaia-X Hubs

EUROPE 19



INTERNATIONAL 5



IN PROGRESS 6



Learn [more about hubs here](#)

Warum braucht es einen Gaia-X Hub Schweiz

Vertrauenswürdige Datenräume



als wichtige Grundlage der Schweizer Datenwirtschaft

Vernetzung und Wissenstransfer



mit Europa und darüber hinaus

Transparenz und Interoperabilität



für einen fairen digitalen Markt

Schweiz als Innovationsführer

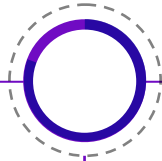


in der europäischen Datenwirtschaft



"... zur Stärkung der digitalen Souveränität und Wettbewerbsfähigkeit der Schweiz."

Vision



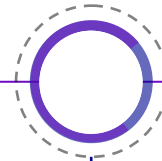
Wir setzen uns für die Etablierung einer souveränen, transparenten und interoperablen Dateninfrastruktur in der Schweiz ein

Förderung einer **souveränen** und selbstbestimmten **Datenökonomie**

Offene Standards und **Interoperabilität** als Fundament für nachhaltige Innovation

Stärkung der digitalen **Wettbewerbsfähigkeit** der Schweiz

Mission



Wir engagieren uns für die Vernetzung der Schweiz mit der europäischen Gaia-X Community und ihre aktive Vertretung

Wahrnehmung und **Vertretung Schweizer Interessen** in internationalen Standardisierungsprozessen

Förderung des interdisziplinären **Austauschs und Wissenstransfers** zwischen Wirtschaft, Wissenschaft und Verwaltung

Sensibilisierung und gezielte **Informationsvermittlung** zu Gaia-X-relevanten Themen

Gaia-X Hub Schweiz: Handlungsfelder und Aktivitäten

1. Vertrauen aufbauen

Transparente Informationsbereitstellung

Bereitstellung verständlicher Gaia-X Richtlinien, Spezifikationen und Open-Source-Komponenten

Stärkung des Schweizer Gaia-X Netzwerks

Gezielte Vernetzung von Unternehmen, Verbänden und Forschungseinrichtungen zur Förderung von Kooperation und Wissenstransfer

Internationale Anbindung und Kooperation

Vernetzung mit europäischen Gaia-X Hubs und globalen Datenraum-Initiativen zur internationalen Positionierung schweizerischer Akteure

2. Vernetzung und Kooperation fördern

3. Internationale Sichtbarkeit und Einflussnahme erhöhen

Kommunikation und Sensibilisierung

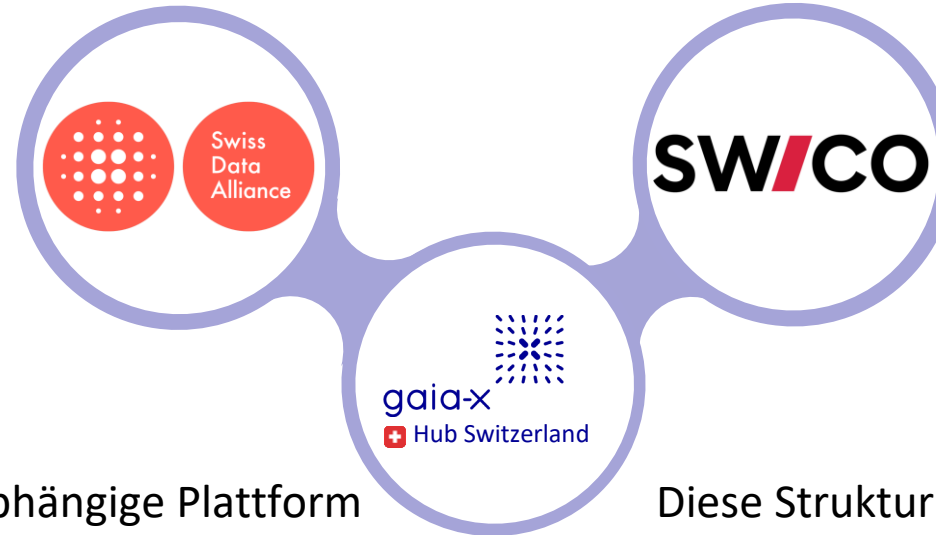
Veranstaltungen und Publikationen zur Stärkung des Verständnisses für Gaia-X und interoperable Datenräume

Interessenvertretung der Schweiz in Gaia-X

Vertretung schweizerischer Interessen durch nationale Anforderungen in internationale Standards, Prüfmechanismen und Governance-Strukturen

Organisation Gaia-X Hub Schweiz

Der Gaia-X Hub Schweiz ist gegründet und in der **Swiss Data Alliance (SDA) eingebettet**



Das Organisationsteam stellt eine IG der **Swico, eng vernetzt mit der **Swiss Data Alliance****

Die Swiss Data Alliance ist eine unabhängige Plattform zur Förderung eines datengetriebenen, innovationsfreundlichen und interoperablen Ökosystems in der Schweiz. Sie vernetzt Akteure aus Wirtschaft, Wissenschaft und Politik und setzt sich für vertrauenswürdige Datenräume ein

Diese Struktur sichert Kompetenz, Durchsetzungskraft und verbandsübergreifende Abstimmung zur aktiven Positionierung der Schweiz in Gaia-X und zur Vertretung der Interessen der Schweizer Datenwirtschaft

Management-Team des Gaia-X Hub Schweiz



Martin Andenmatten
Chair Gaia-X Hub Schweiz
Glenfis AG



Guido Greber
Vice Chair
Accenture



Giancarlo Palmisani
Swico



Beat Fluri
Adnovum AG



Daniel Hogg
Adnovum AG



Stephan Kunz
Tribework AG

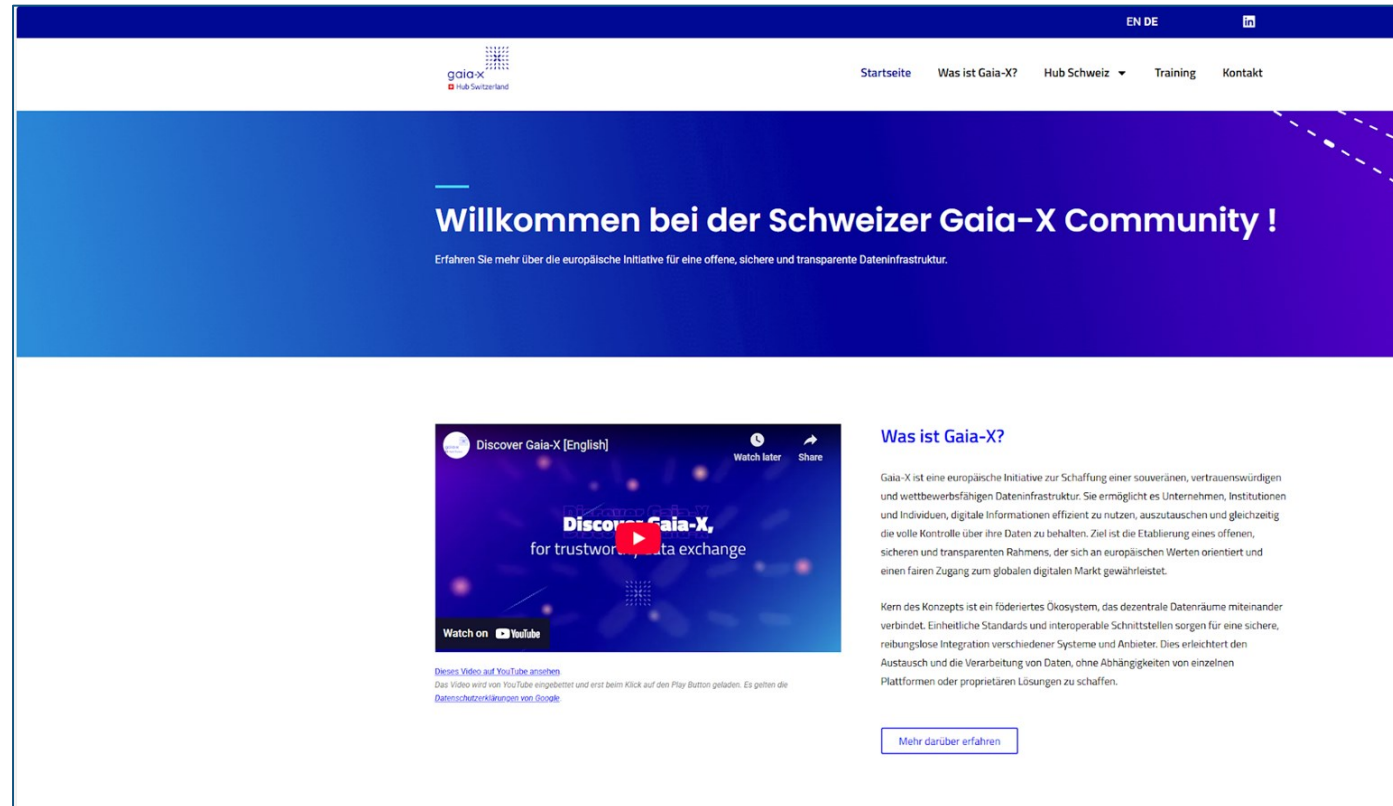


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Fragen?