

# Gaia-X Mission, Milestones, & Deliverables 2022

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7 April 2022

# Gaia-X Vs European Data Strategy

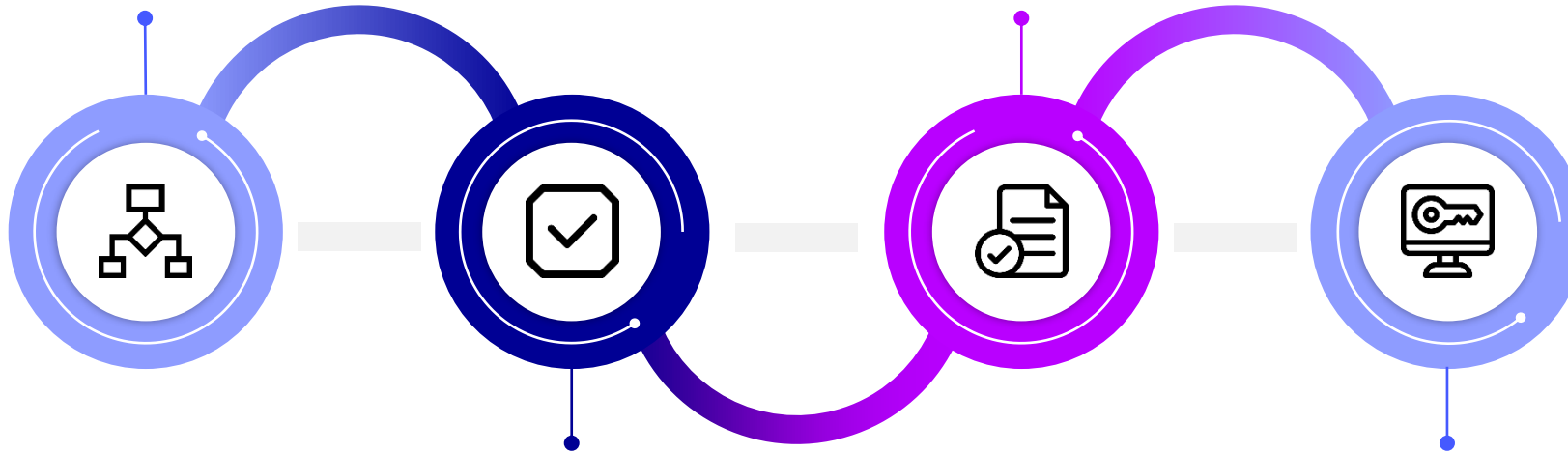
# European Strategy For Data

## A Common European Data Space, A Single Market For Data



Data can flow within the EU  
and across sectors

European rules and values  
are fully respected



Availability of high-quality data  
to create and innovate

Rules for access and use of data are  
fair, practical and clear



# Gaia-X vs. European Data Strategy



## European Data Strategy (2020)

### CLOUD

Cloud Rulebook  
EU Cloud market places  
Member States Declaration

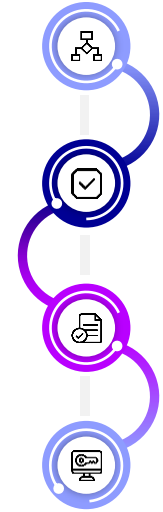
### DATA

New legislation (Digital  
Governance Act, Digital  
Market Act, Digital Service Act)

**HIGH IMPACT PROJECT** on data and cloud  
MS co-investments



EUROPEAN  
ALLIANCE FOR  
INDUSTRIAL  
DATA EDGE  
AND CLOUD



EUROPEAN  
COMMON  
DATA SPACES

**Gaia-X CLOUD**

IPCEI-CIS

**Gaia-X Data Spaces**

TRANSPARENT  
SOVEREIGN  
INTEROPERABLE



USE CASES  
DATA CONNECTORS  
INTEROPERABILITY

# What is Gaia-X?

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Our story in short

# Our Reason - From traditional Cloud to Gaia-X

Concentrated      Proprietary      Opaque



**Users LET Control**

Distributed      Open      Transparent



**Users GET Control**

Trust & Sovereignty



# Our X Model

## Connecting Data & Infrastructures Ecosystems



### Advanced Smart Services

(Cross-) Sector Innovations/ Market places/ Applications



### Data Spaces

Interoperable & portable (Cross-) Sector data-sets and services



### Gaia-X Federation Services

Federated & distributed for interoperability, Trust & Sovereignty services



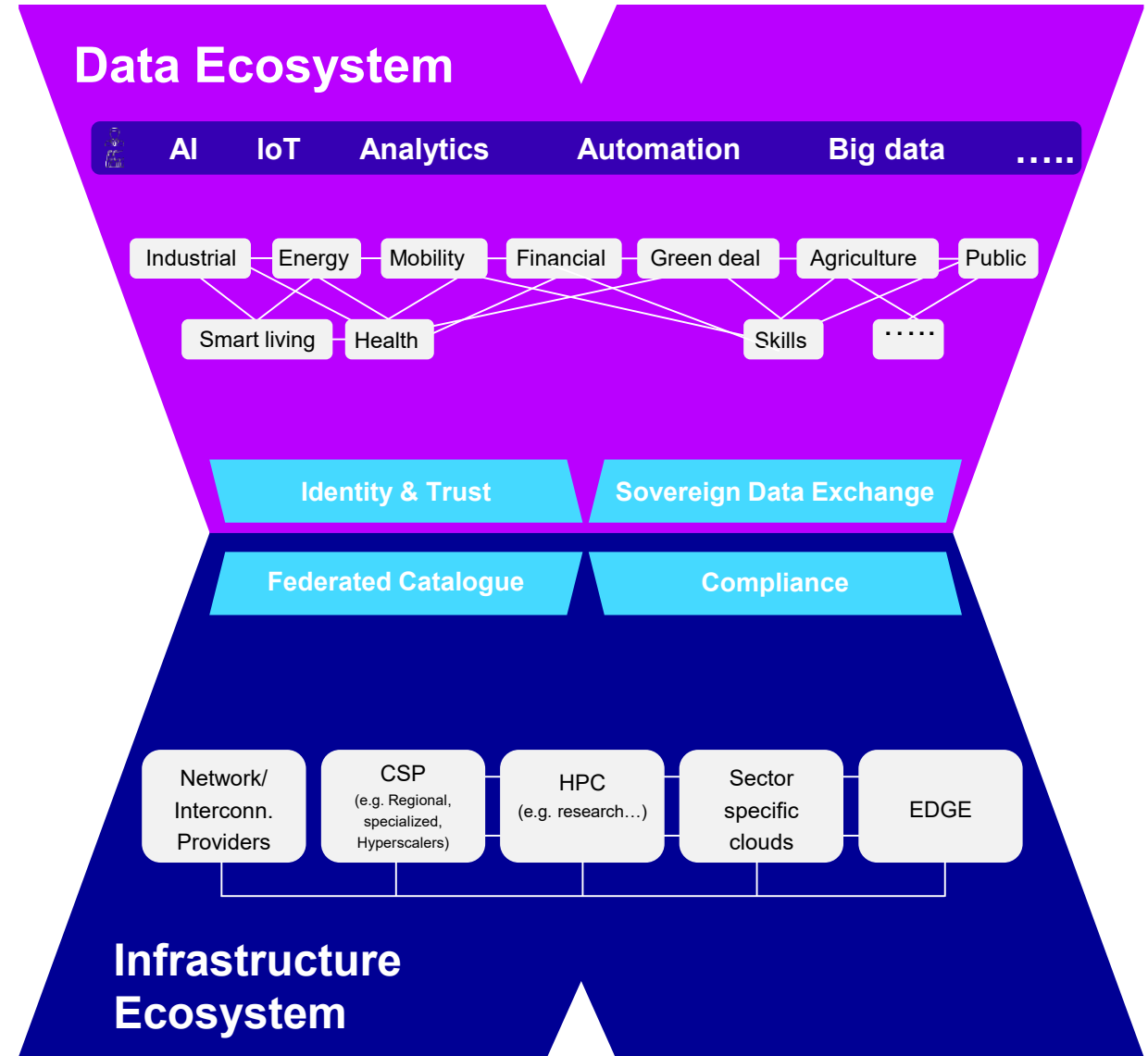
### Portability, Interoperability & interconnectivity

Technical: Architecture of Standards  
Commercial: Policies



### Compliance


Legal: Regulations





# What We Are – What Is Gaia-x What It Does

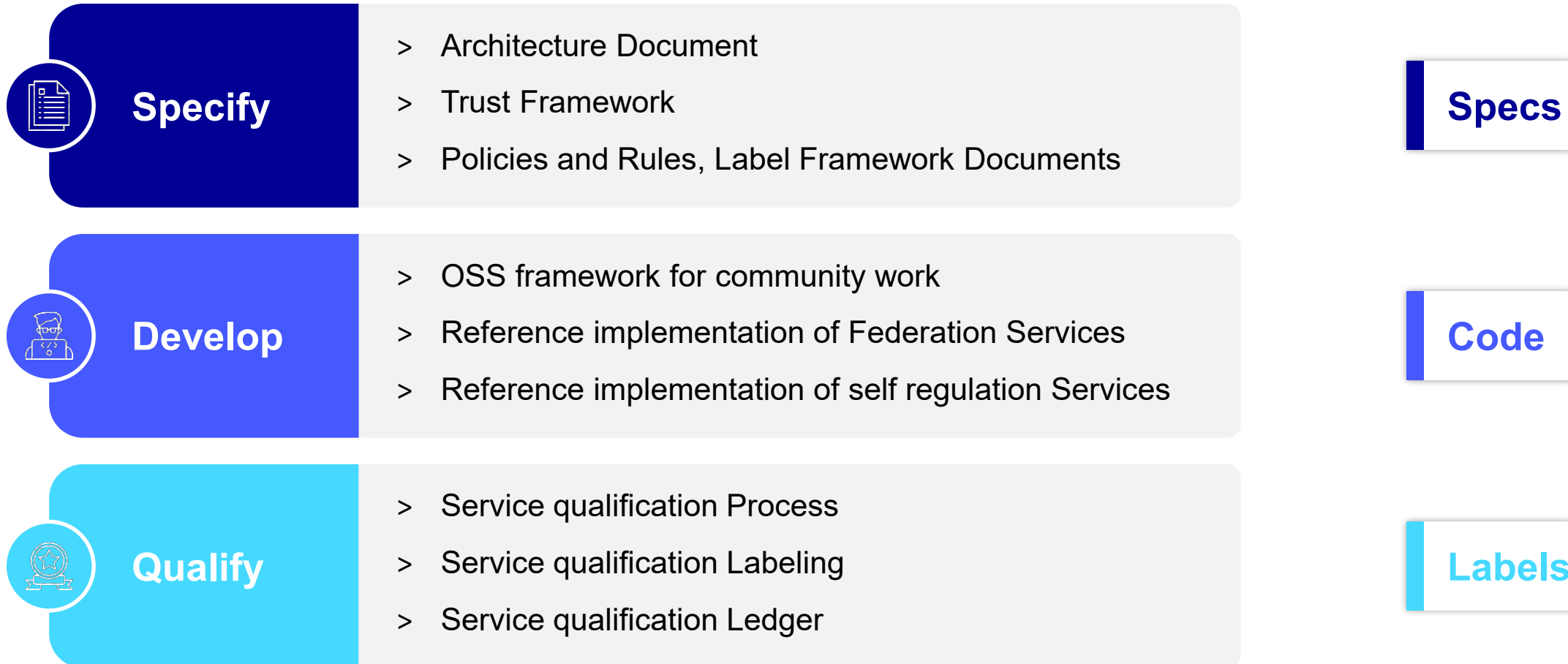
## What Gaia-X Is Or Is Not

 <b>Gaia-X Is</b>	<ul style="list-style-type: none"><li>&gt; A single point of definition of Gaia-X architecture &amp; rules</li><li>&gt; Making available an open implementation to all</li><li>&gt; A qualification authority for Gaia-X compliance</li></ul>
 <b>Gaia-X Is Not</b>	<ul style="list-style-type: none"><li>&gt; A formal standardisation body</li><li>&gt; A SW or HW product or cloud platform</li><li>&gt; A runtime implementation of any Gaia-X service</li></ul>
 <b>Gaia-X vs. Association</b>	<ul style="list-style-type: none"><li>&gt; Gaia-X project is driven by the Association</li><li>&gt; Gaia-X architecture is developed by the Association members</li><li>&gt; Gaia-X services will not be operated by the Association</li></ul>

(\*) AISBL is an independent single point of truth in the determination of a Gaia-X compliancy, but the Association itself will not host or run directly any service. Qualification and compliance will be verified through decentralized mechanisms of digital trust and consensus distributed across the network of Gaia-X nodes (i.e. AISBL stands to Gaia-X like a Registrar to the Internet)

# What We Do – Gaia-X Three Deliverable Types

## The Gaia-X Deliverables



# 5Y Outlook

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Status overview of the Gaia-X endeavor

# The 5 Years Outlook



2021-Setup

TAD V3  
PRD V2

Reference architecture

GXFS Specs

Initial federation services

Catena-X

Initial data space services

Main focus:

Gaia-X infrastructure & automation



2022-Adopt

Extend federation services

Edge cloud implementations

Extended data spaces

Gaia-x data spaces, AI & edge development



2023-Grow

Full federation & compliance services

Data space specific marketplaces

>50% members adoption

Gaia-x Supports EU marketplace enablement



2024-Expand

>40% Europe SME adopted Gaia-X

>50% Fin/Ps/Hc adopted Gaia-X

Gaia-X services self expansion

EU ecosystems economy enablement



2025-Scale

Gaia-X economy competing at scale WTH hyperscale CSP

First Gaia-X platform amongst top10 WW

Europe platform economy >10% WW (now @4%)

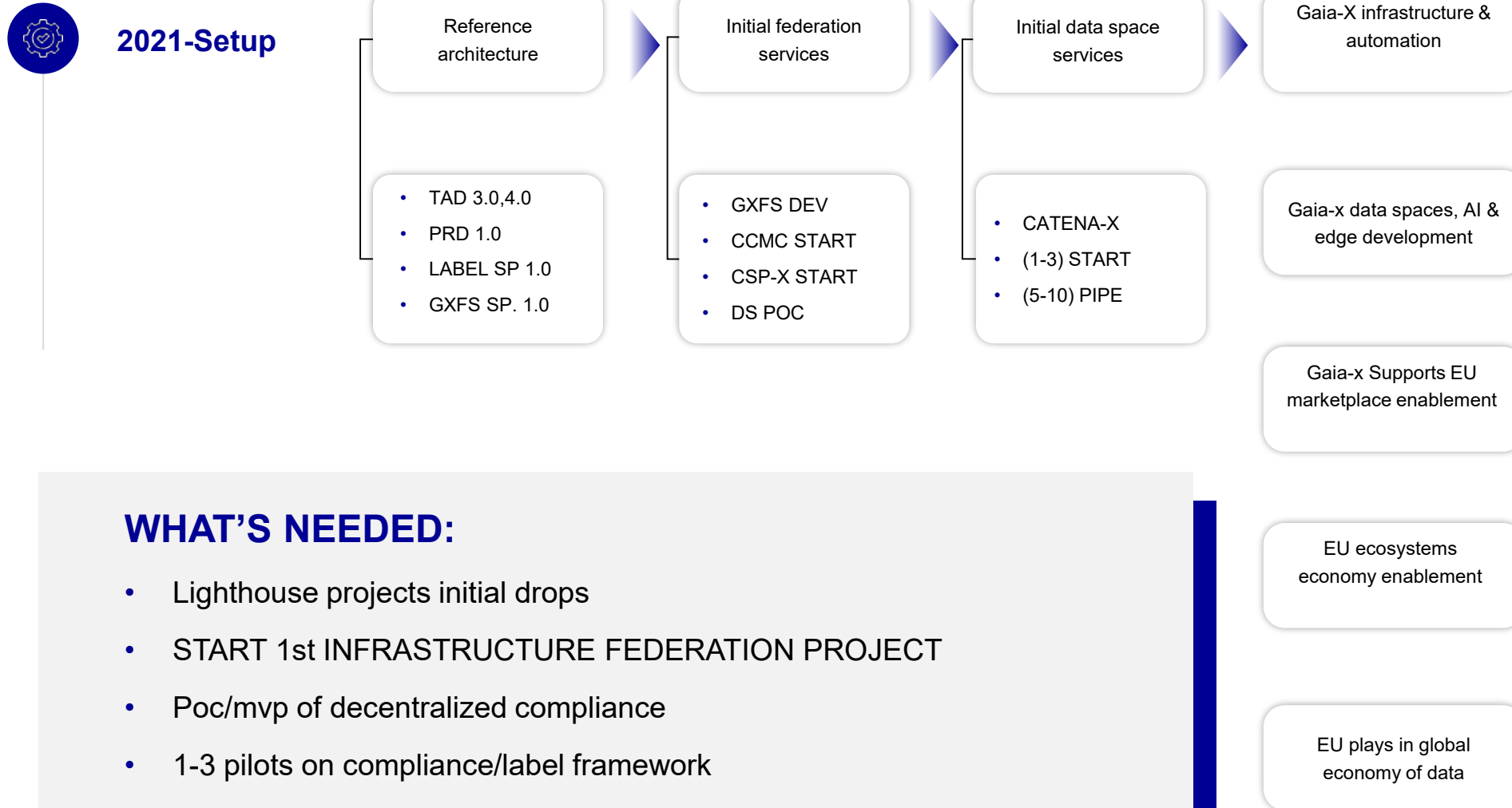
EU plays in global economy of data

AISBL push



Market pull

# The 5 Years Outlook



**AISBL push**

**Market pull**

# Where we are

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Status overview of the Gaia-X endeavor

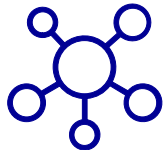
# The most representative alliance of organisations in Europe



More than **330** companies and organisations



**3 out of 4** organisations are private companies, **about half** of which are SMEs\*



Organisations from different industries, such as Mobility, Energy, Manufacturing, Finance etc.



Large Companies



SMEs



Start-Ups



Universities



R&D



Associations



Public Sector

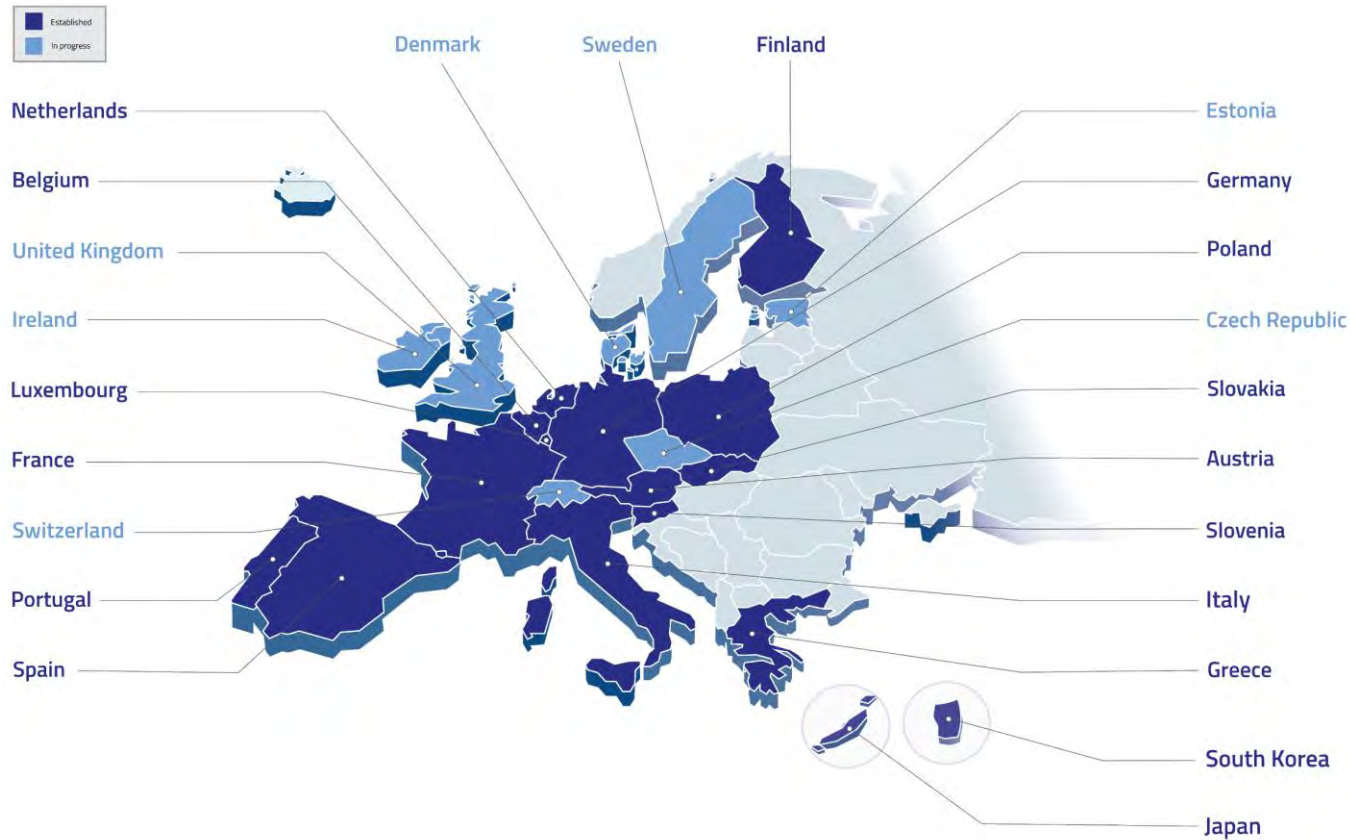


Mentioned explicitly in the **European Data Strategy** and proactively addressing key issues. Exchange between Gaia-X and the **European Commission** to identify synergies between Gaia-X and initiatives and programs such as the **European Cloud Federation, CEF 2** and **Digital Europe**.

# Gaia-X Hubs & Gov Endorsement



14 EU Hubs, 2 International, 2 more on the way...



## Gaia-X Board of Government Representatives

- **GERMANY – DANIELA BRÖNSTRUP**, Director General Digital and Innovation Policy, German Federal Ministry for Economic Affairs and Climate Action
- **FRANCE – MATTHIEU WEIL**, Head of Digital Economy Department, Ministry of Economy, France
- **ITALY – STEFANO FIRPO**, Head of Cabinet of the Minister for Technological Innovation and Digital Transition
- **SPAIN – ALBERTO PALOMO**, Chief Data Officer, Government of Spain
- **NETHERLANDS – JOS DE GROOT**, Director Digital Economy
- **PORTUGAL – ANDRÉ DE ARAGÃO AZEVEDO**, Secretary of State for the Digital Transition, Republic of Portugal
- **BELGIUM – JACK HAMANDE**, Director General Digital Transformation at FPS Policy and Support
- **LUXEMBOURG – MARIO GROTZ**, Director General for Industry, Technology and Research at Ministry of Economy
- **FINLAND – ILONA LUNDSTRÖM**, Director General at Ministry of Employment and the Economy
- **POLAND – ROBERTO KROPLEWSKI**, Governmental Advisory Board Member (Chancellery of the Polish Ministry)
- **GREECE – MARIA MAVRIDAKI**, Legal Officer, European Commission
- **SLOVENIA – NENA DOKUZOV**, Head of Project Group for New Economy and Blockchain Technologies at Ministry of Economic Development and Technology, UNECE expert and Head of Delegation for Slovenia
- **SLOVAKIA – JURAJ PANKUV**, Advisor, Ministry of Investment, Regional Development and Informatization of the Slovak Republic

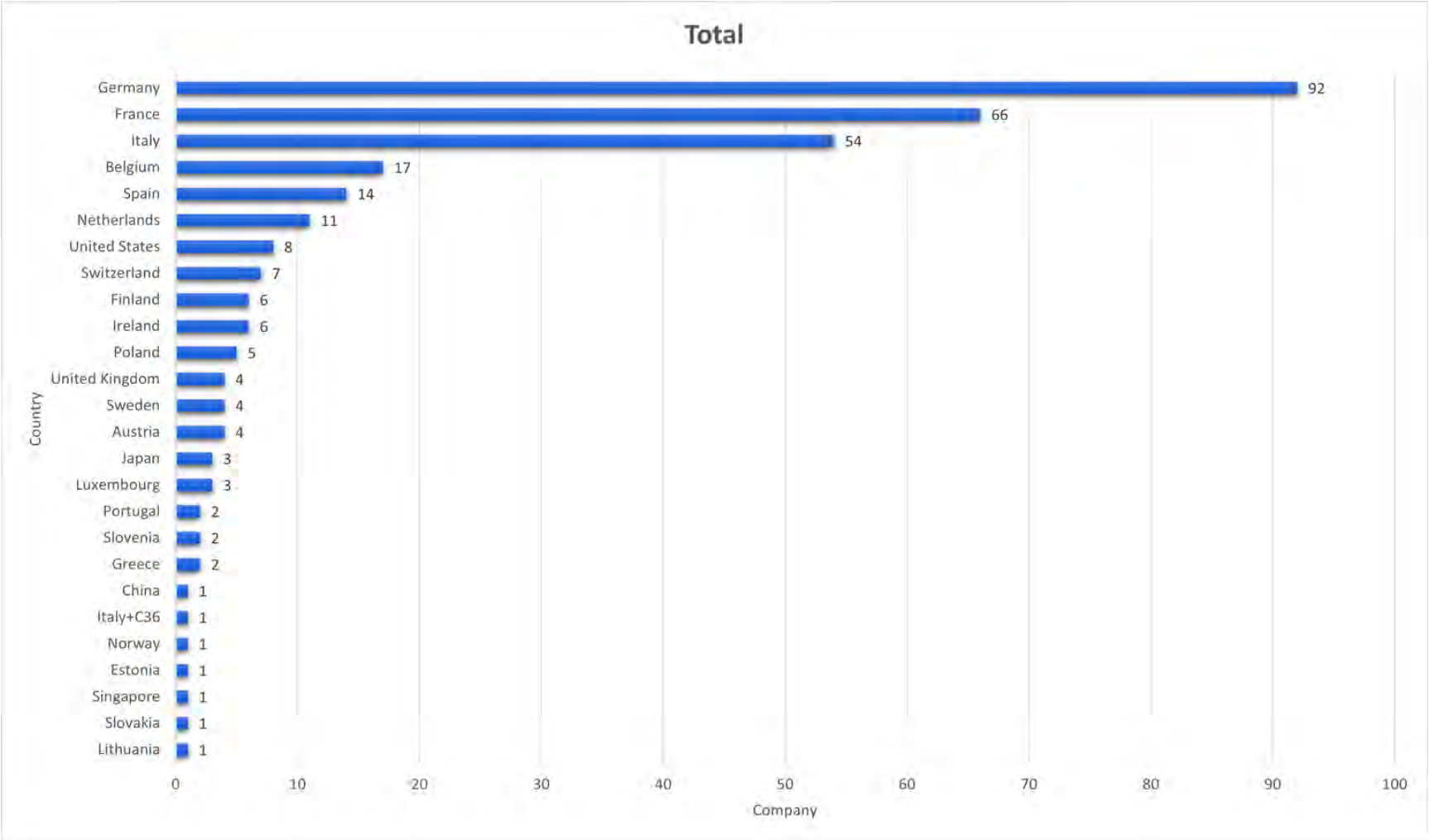
...more to come...



# Gaia-X Member Distribution



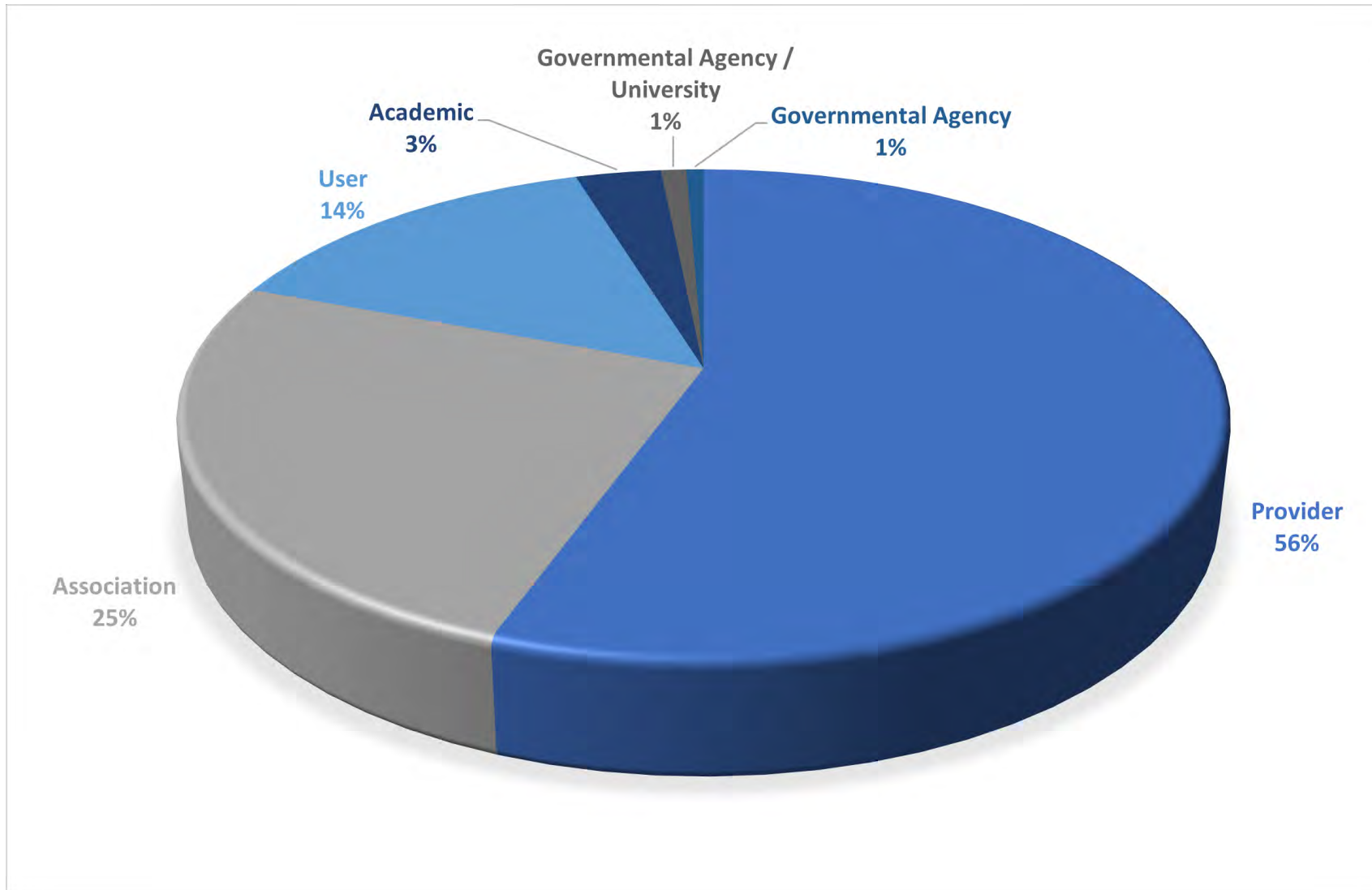
334 members to-date



# Gaia-X Member Type



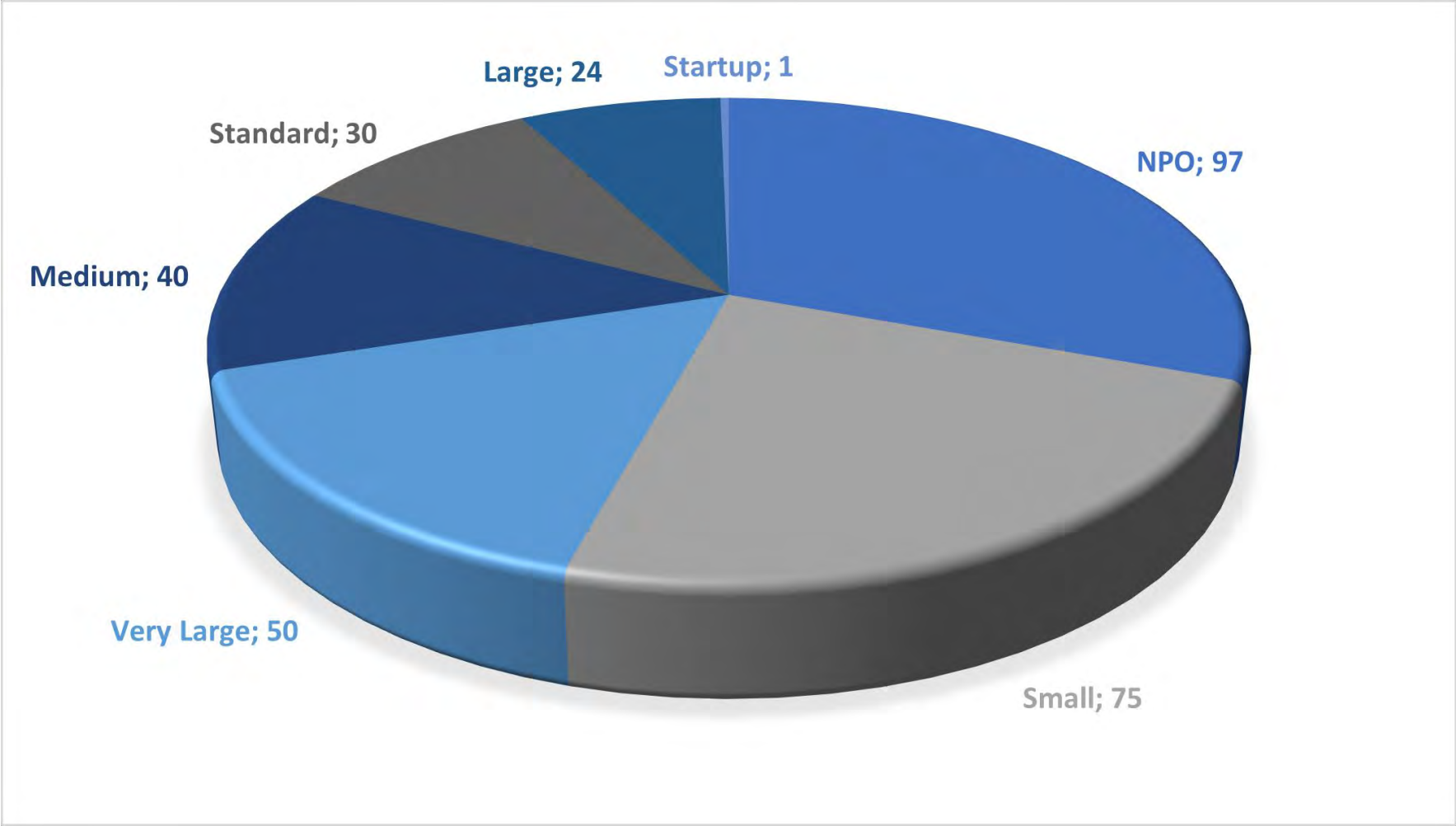
334 members to-date



# Gaia-X Member Size



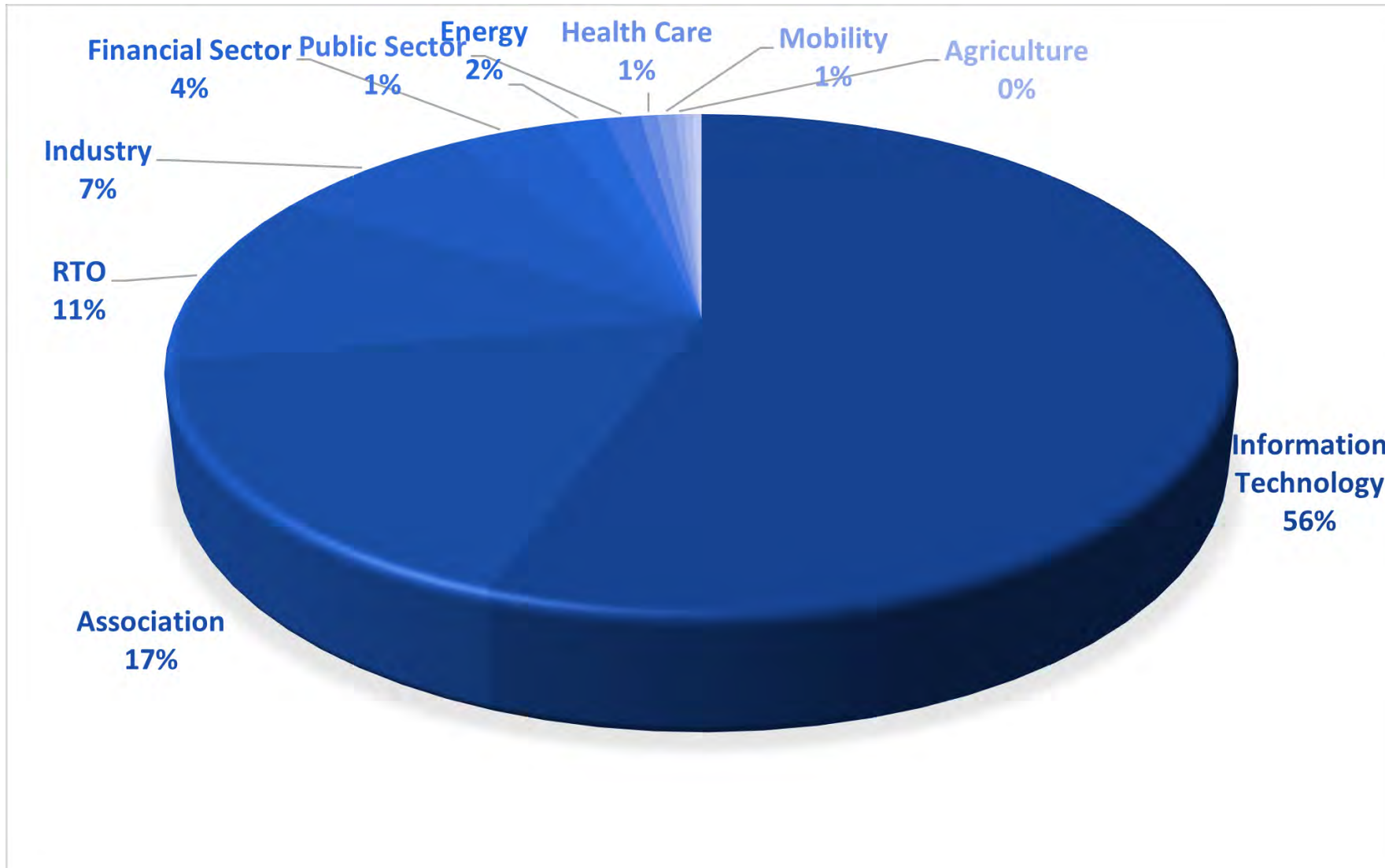
334 members to-date



# Gaia-X Member Vertical

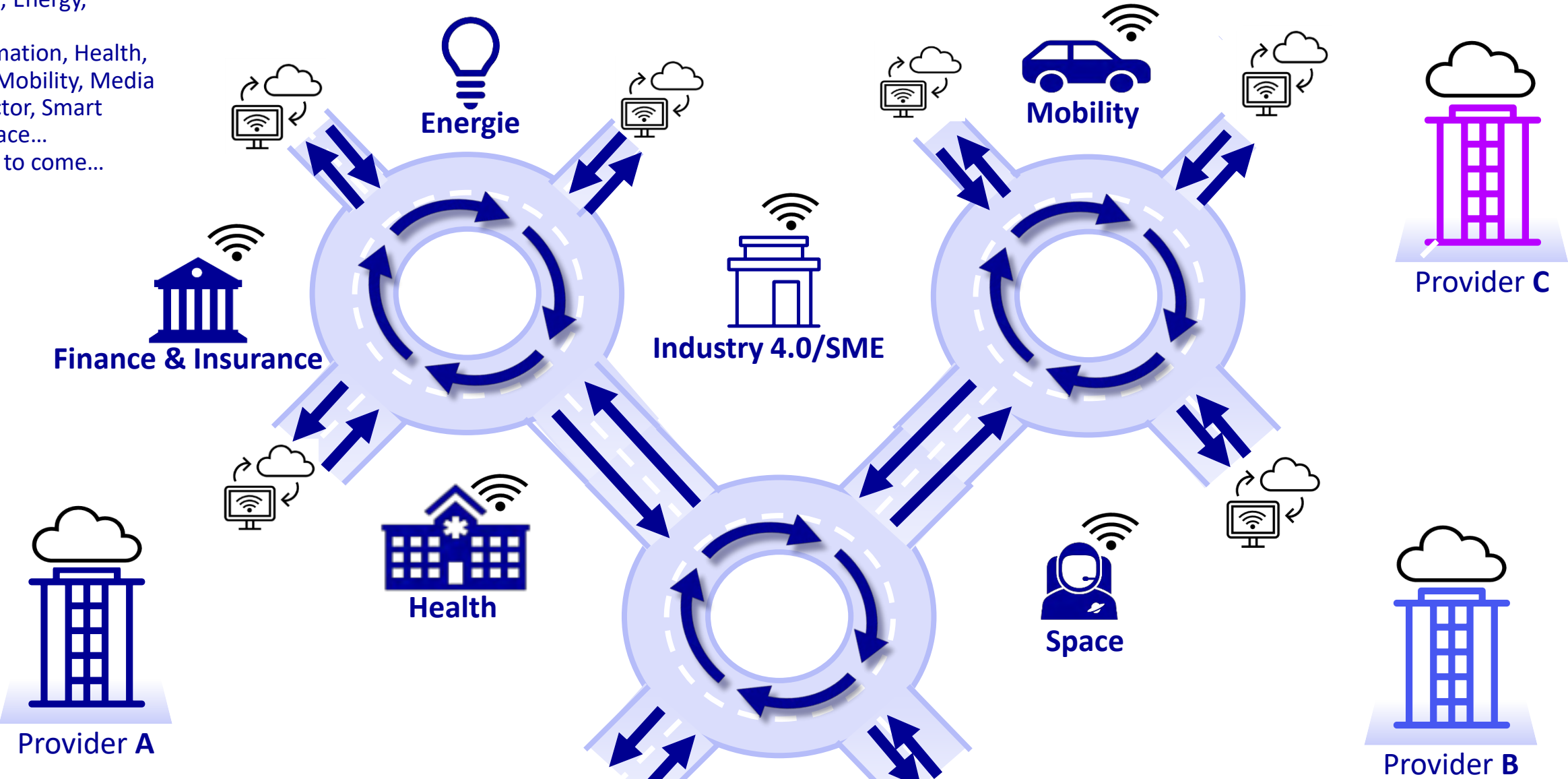


334 members to-date



# Developing Data Spaces

14 Data Spaces  
Aerospace, Agriculture,  
Circular Economy,  
Education, Energy,  
Finance,  
Geoinformation, Health,  
Industry, Mobility, Media  
Public Sector, Smart  
Living, Space...  
and more to come...





# Gaia-X Data Space Publications



## Publications

Home > Publications

October 14, 2021  
White Paper

### Gaia-X and European Smart Cities and Communities

Gaia-X and European Smart Cities and Communities white paper

June 22, 2021  
Position Paper

### Energy Data Space: The path to a European approach for energy

Energy Data Space - Position Paper



Chart Gaia-X AISBL

September 21, 2021

### Gaia-X Architecture Document

Gaia-X Architecture Document 21.09

June 22, 2021  
Slide Deck

### Energy Data Space: The path to a European approach for energy

Energy Data Space - Slide Deck

May 01, 2020  
Position Paper

### Gaia-X: Driver of digital Innovation in Europe

Gaia-X: Driver of digital Innovation in Europe

August 13, 2021  
Position Paper

### Data Space Business Committee

Data Space Business Committee: Position Paper

April 21, 2021  
Consultation phase - 21.04

### Gaia-X Policy Rules Document

Gaia-X Policy Rules Document containing link to consultation

February 01, 2020  
Position Paper

### Franco-German Position on GAIA-X

Franco-German Position on Gaia-X

## Use cases

In the future, Gaia-X will enable access to a product and service portfolio from various cloud providers. Transparency about the products and services offered has top priority. The way every user chooses the solution that best suits its or her needs.

The use case forms the cornerstone of the development of Gaia-X and the realization of data spaces. In Gaia-X, users create, own, manage, and share their data. This means that every user and every company can decide where their data is stored, who can process it and for what purpose. They can also access data from other data spaces and the data infrastructure. Data can be exchanged across companies, linked with other data, processed, and used to create value. This promotes innovation, allows for synergies to be used and new business models developed.

Various use cases from different industries submitted in the Gaia-X Hub demonstrate the advantages of a data infrastructure. The goal of the Gaia-X Hub is to continuously identify, develop and implement new use cases, showing the need as well as the added value of the sovereign data infrastructure. In addition, our cases help to identify sector-specific and cross-sectoral requirements. These are then incorporated into the development of Gaia-X.

70+  
Use cases

10+  
Sectors

17  
Countries

Search by

Sector Country

**Compliance by design and interoperability**  
Technical bricks for a trust-enabling framework, coherent and identity management, smart contracts, data interoperability and exchange management.  
[Read more](#)

**Tokenization of skills, data sharing**  
From abstract skills from new roles to skills recognition.  
[Read more](#)

**Improving extension of digital solutions**  
Private industry step on industry data in a corporate data space ecosystem.  
[Read more](#)

**Exploring AI and data in education & guidance**  
Aggregating relevant datasets to better do it to enhance and optimize learning.  
[Read more](#)

**Earth Observation federated data access for European Economy**  
Cloud environment to enable federated and efficient access to earth observation data for processing use and further processing.  
[Read more](#)

**AgriML - Machine Learning for Agriculture in South Tyrol**  
Machine Learning algorithms in the agricultural sector in South Tyrol to automatically identify and verify cultivation forms.  
[Read more](#)

**Data Space Energy Local Energy Communities**  
Local communities of energy setting up and decommissioning, local open data for business models.  
[Read more](#)

**Data Space Energy Energy Efficiency**  
Energy efficiency - local open data for business models.  
[Read more](#)

**Data Space Energy Compliance and Transparency**  
Green certifications, infrastructure, data for free business models, enabling standards integration to Gaia-X, AI-based trust.  
[Read more](#)

**Data Space Energy Local Energy Communities**  
Local communities of energy setting up and decommissioning, local open data for business models.  
[Read more](#)

**Data Space Energy Energy Efficiency**  
Energy efficiency - local open data for business models.  
[Read more](#)

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Energy efficiency - local open data for business models.  
[Read more](#)

**Data Space Energy Local Energy Communities**  
Local communities of energy setting up and decommissioning, local open data for business models.  
[Read more](#)

**Data Space Energy Nuclear**  
Day-to-day collaboration capabilities with digital, industry observatory, ESN digital platform, system platform, integration of nuclear assets management.  
[Read more](#)

**Using the intelligent Chatbot to reduce Helpdesk Tickets**  
The use case deals with how the number of Helpdesk tickets can be reduced through chatbots.  
[Read more](#)

**Improving the User Experience and developing innovative forms of User Experience**  
The use case explores how possibilities for innovative industries in particular to develop innovative forms of experience with data-based value-added services.  
[Read more](#)

**Collaborative Condition Monitoring**  
An engage in trusted collaboration.  
[Read more](#)

**Smart Manufacturing**  
Practical implementation of industry 4.0 - a tool de force.  
[Read more](#)

**Supply Chain Collaboration**  
Harmonize supply network synergies in a common industry.  
[Read more](#)

**Smart building management**  
Smart Living Solutions that create a secure, high-performance and multi-functional housing sector cloud environment.  
[Read more](#)

**Financial Big Data Cluster (FBDC)**  
A cloud-based data platform for the financial sector strengthening the European Financial Infrastructure.  
[Read more](#)

**AVONET - Medical Data system**  
Driving medical progress with Artificial Intelligence.  
[Read more](#)

**Berlin Health Data Space**  
AI to prevent acute kidney failure and ensure earlier diagnosis.  
[Read more](#)

**Smart Health Connect**  
Better preventative healthcare with smart wearables.  
[Read more](#)

**Public administration Chatbot**  
Serving citizens 24/7 - digital assistance to simplify public administration processes.  
[Read more](#)

**Space4Cities**  
Using big data from space to shape the city of the future.  
[Read more](#)

**Research Platform Genomics**  
Democratizing Cancer - a research platform for genomic data.  
[Read more](#)

# Gaia-X Data Space Lighthouse Projects started in 2021



**Catena-X**  
Automotive Network

<https://catena-x.net/en/>  
Automotive Supply Chain



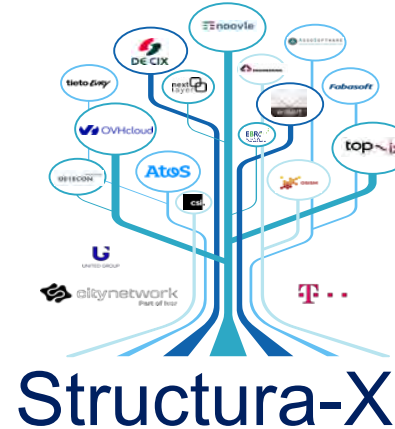
<https://agdatahub.eu/en/>  
Agriculture



<https://euproigigant.com/en/>  
Manufacturing, Industry 4.0



<https://smart-connected.nl/en>  
Electronics Supply Chain

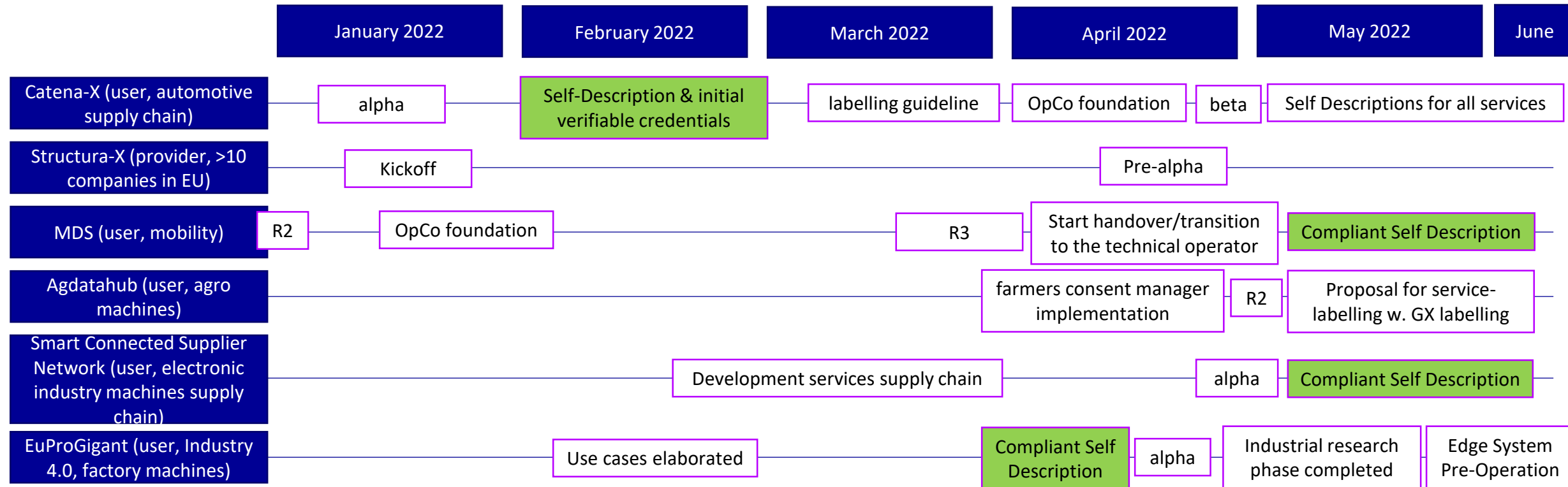


<https://www.gaia-x.eu/news/structura-x-lighthouse-project-european-cloud-infrastructure-launched-concrete-implementation>  
Provider



<https://mobility-dataspace.eu/>  
Mobility

# External Lighthouse Projects Roadmap



## Release Plan Legend:

alpha – internal release, 20-50% function/test, TRL6-9

beta – internal release, 60-80% function/test, customer pilot – TRL6-9

R1, R2, R3... GA(Generally Available) – 100% function/test, production ready (TRL8 min)



Start Gaia-X compliance



# Gaia-X Infrastructure Federation Projects



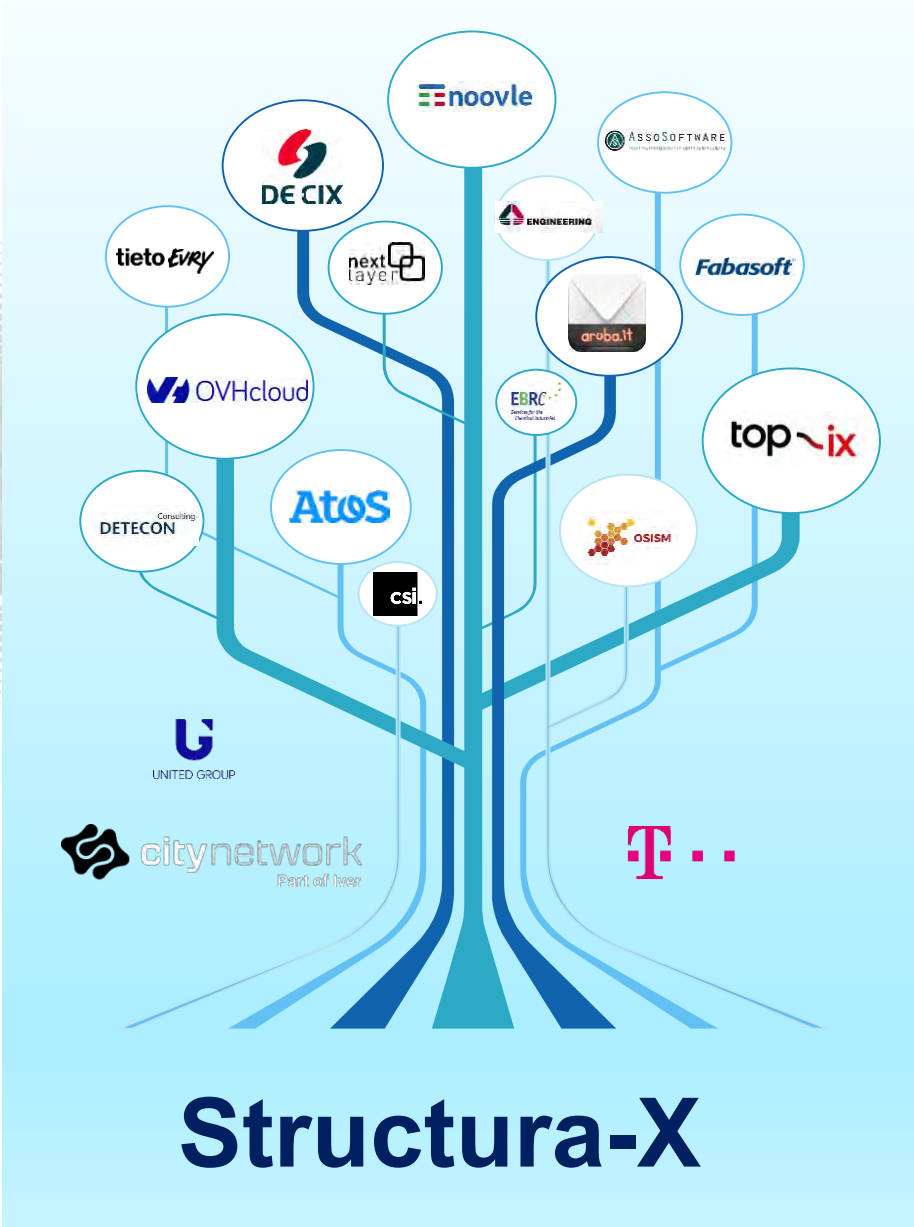
European cloud service providers launched an initiative to create a **Gaia-X compliant, federated infrastructure ecosystem**. The Structura-X project complements existing industry-specific lighthouse initiatives



8 Founding companies



69+ Participants from 28 companies and 14 countries



# Development Model

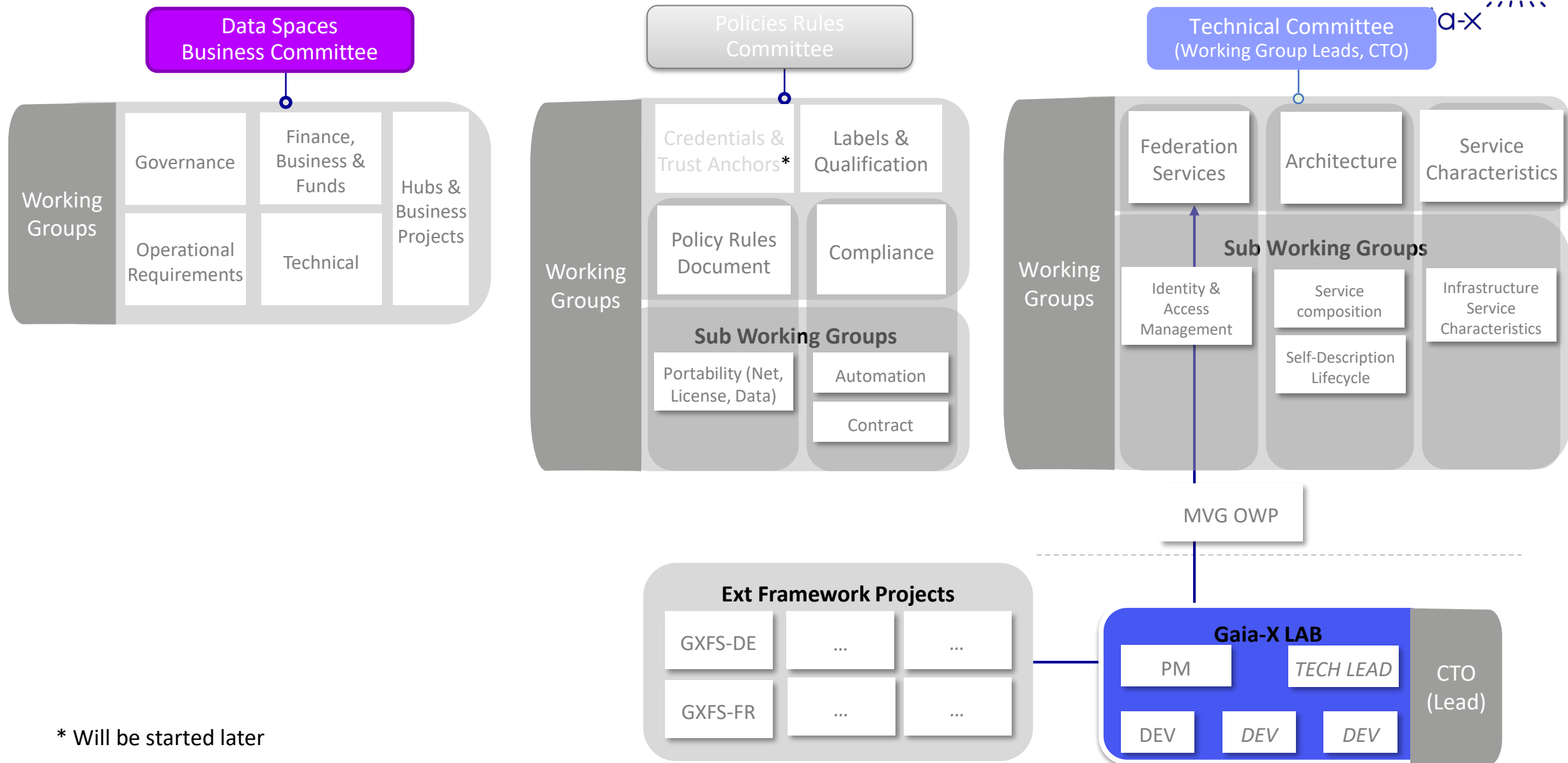
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Status overview of the Gaia-X endeavor

# Gaia-X organisation 2022 – the adoption year

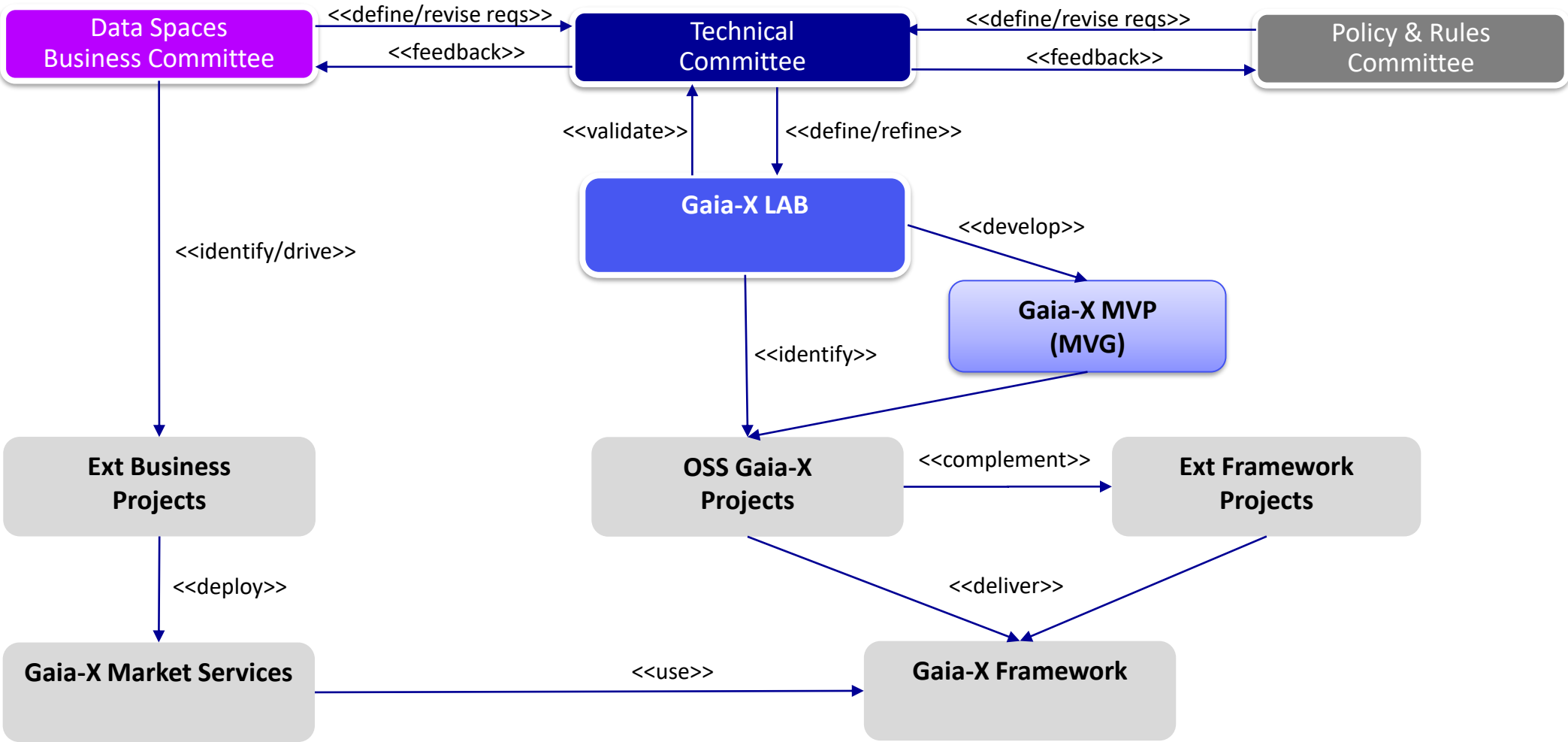


a-x

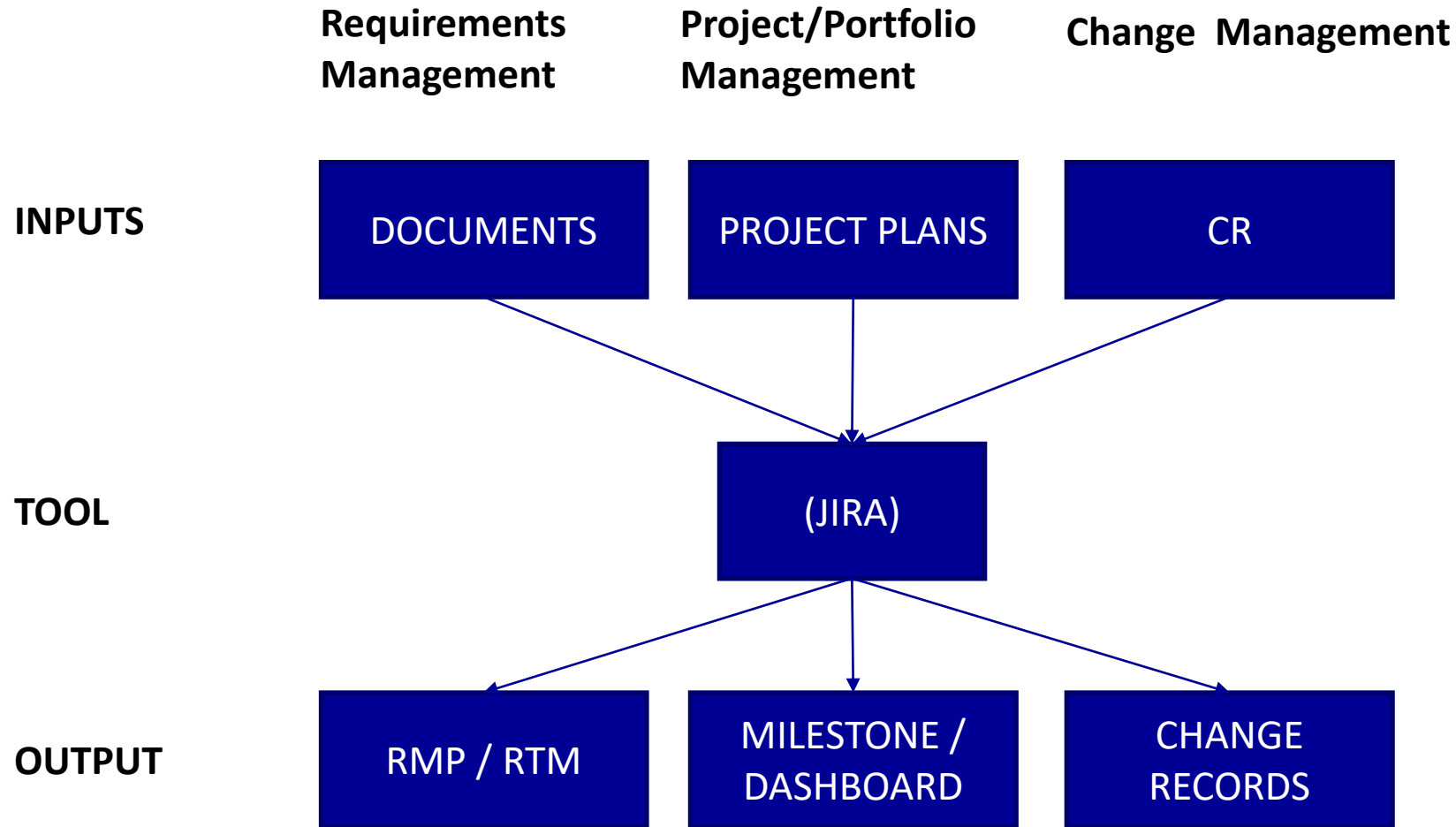


\* Will be started later

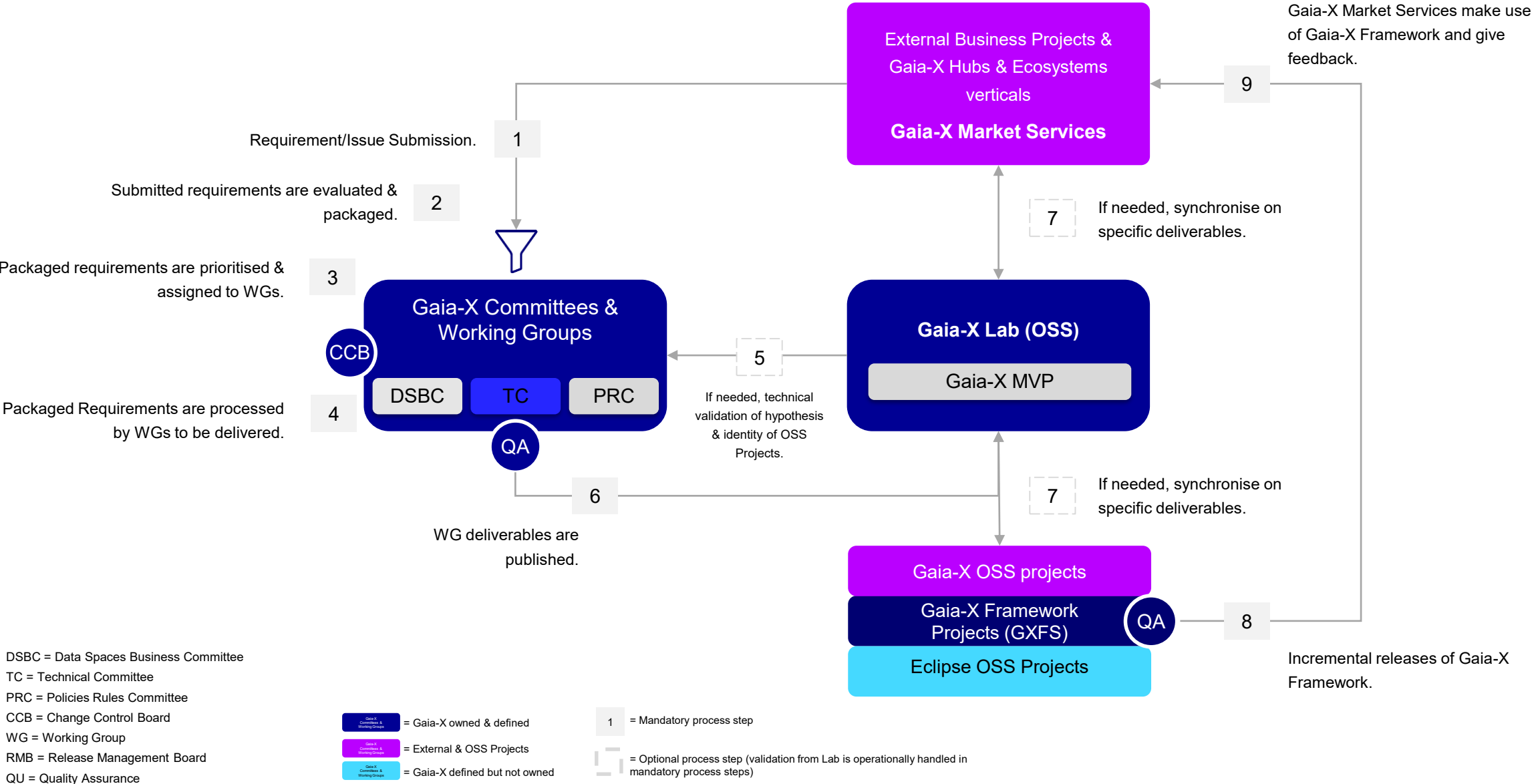
# Gaia-X Operational Model 2022



# Gaia-X - Streamlined and aligned process



# Gaia-X Requirements process

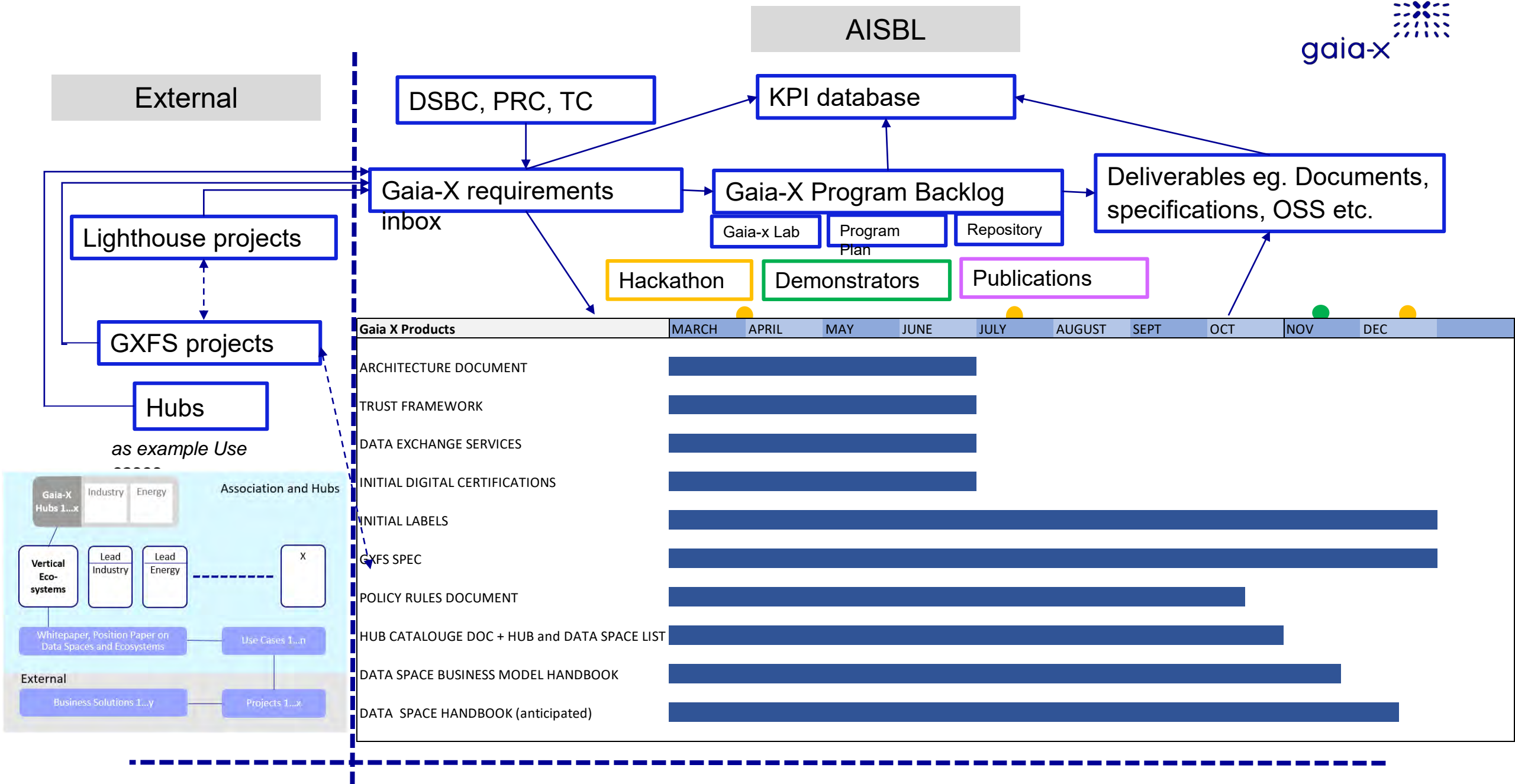


# Technical Roadmap

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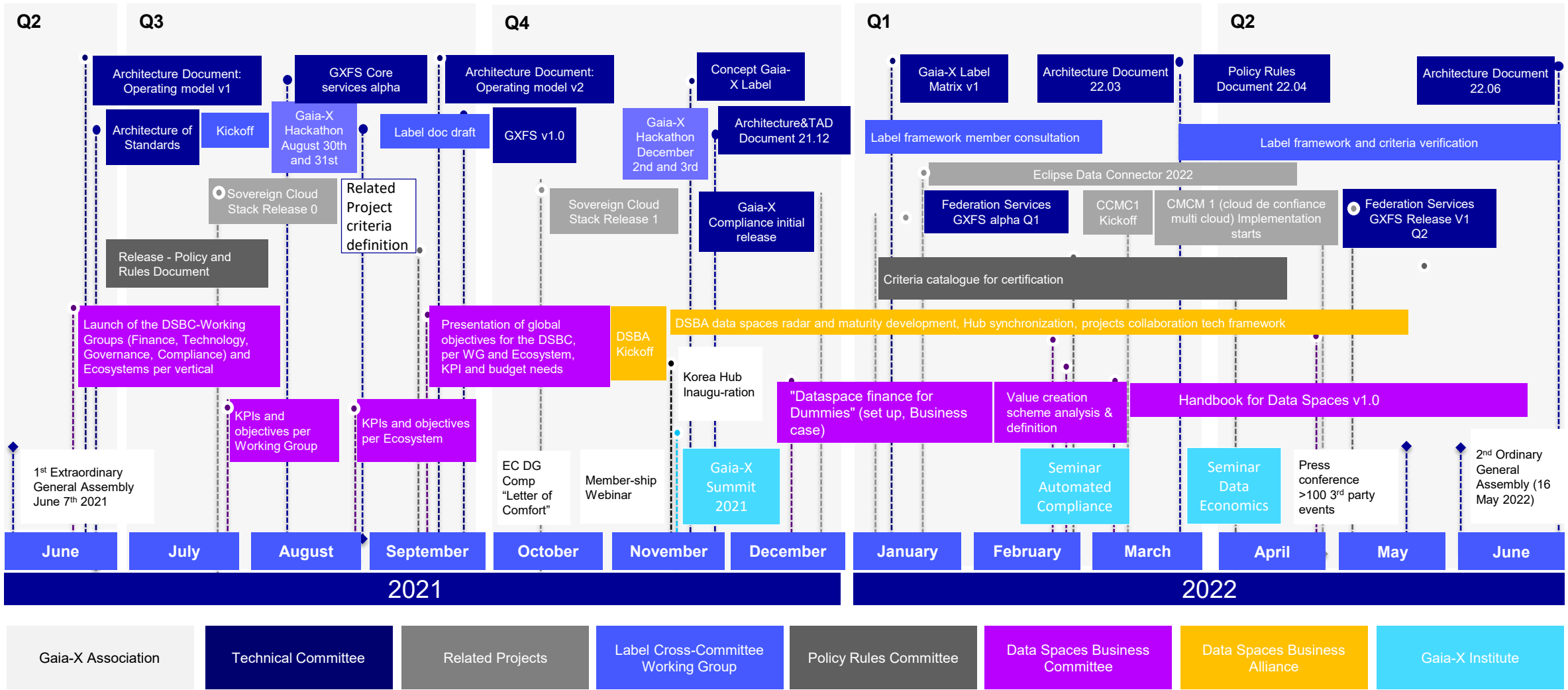
Status overview of the Gaia-X endeavor

# Program high-level view





# The Gaia-X Timeline



# Labeling Overview

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Status overview of the Gaia-X endeavor

# Why Labeling?

## Label Values

### Enable Trusted Decisions:

Labels enable trusted contracts between customers and providers easing adoption



### Competitiveness:

Labels promote visibility and distinctiveness to trigger market competitiveness



### Build Momentum:

Labels create awareness and broaden the participation of players to the Gaia-X endeavor



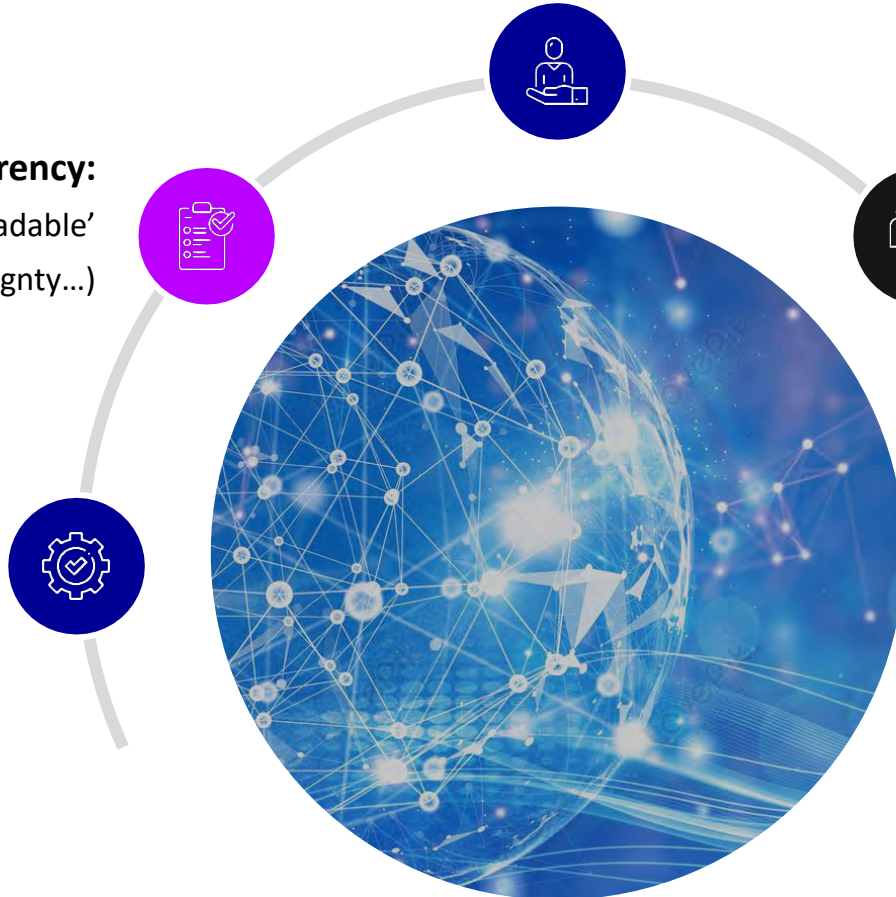
### Express Value To The Business:

Labels should express the value provided by a Gaia-X service

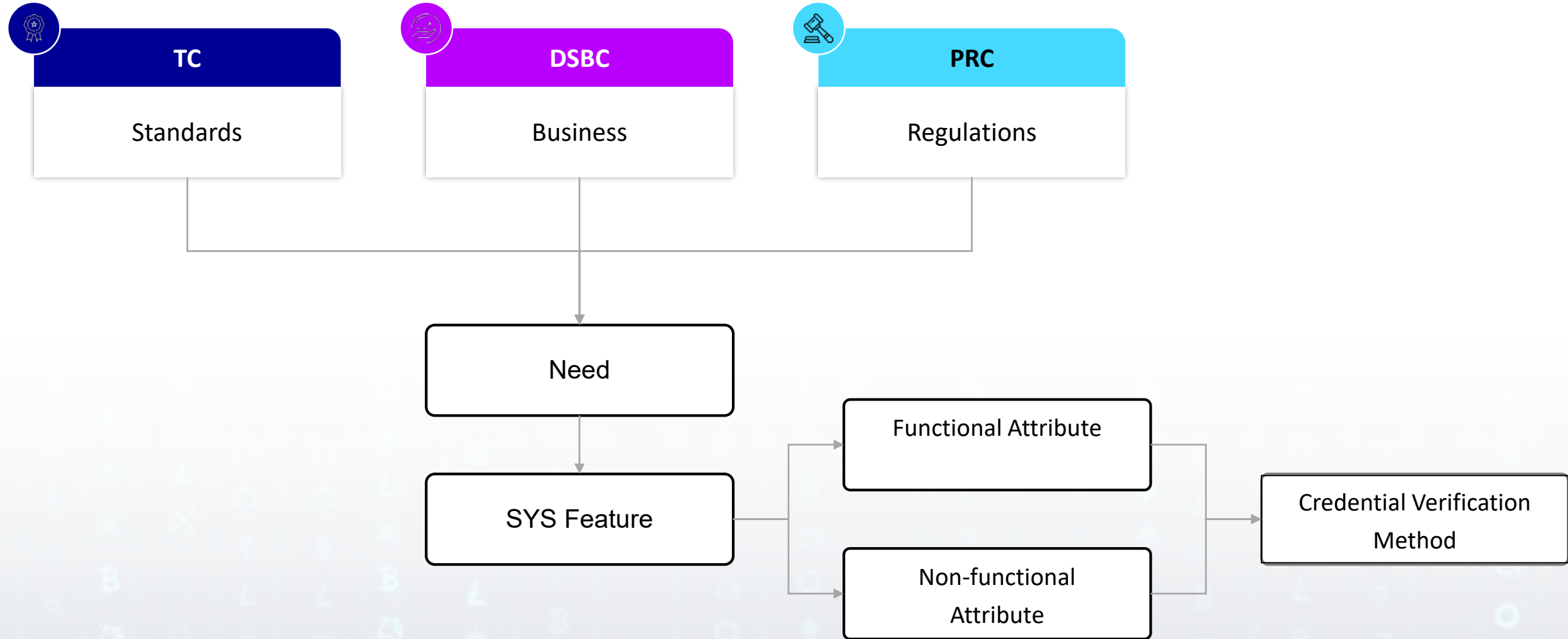


### Bring Explanation And Transparency:

Labels make the intrinsic features 'readable' (e.g., Interoperability, security, sovereignty...)



# How to verify compliance?



# What is Gaia-X Trust?



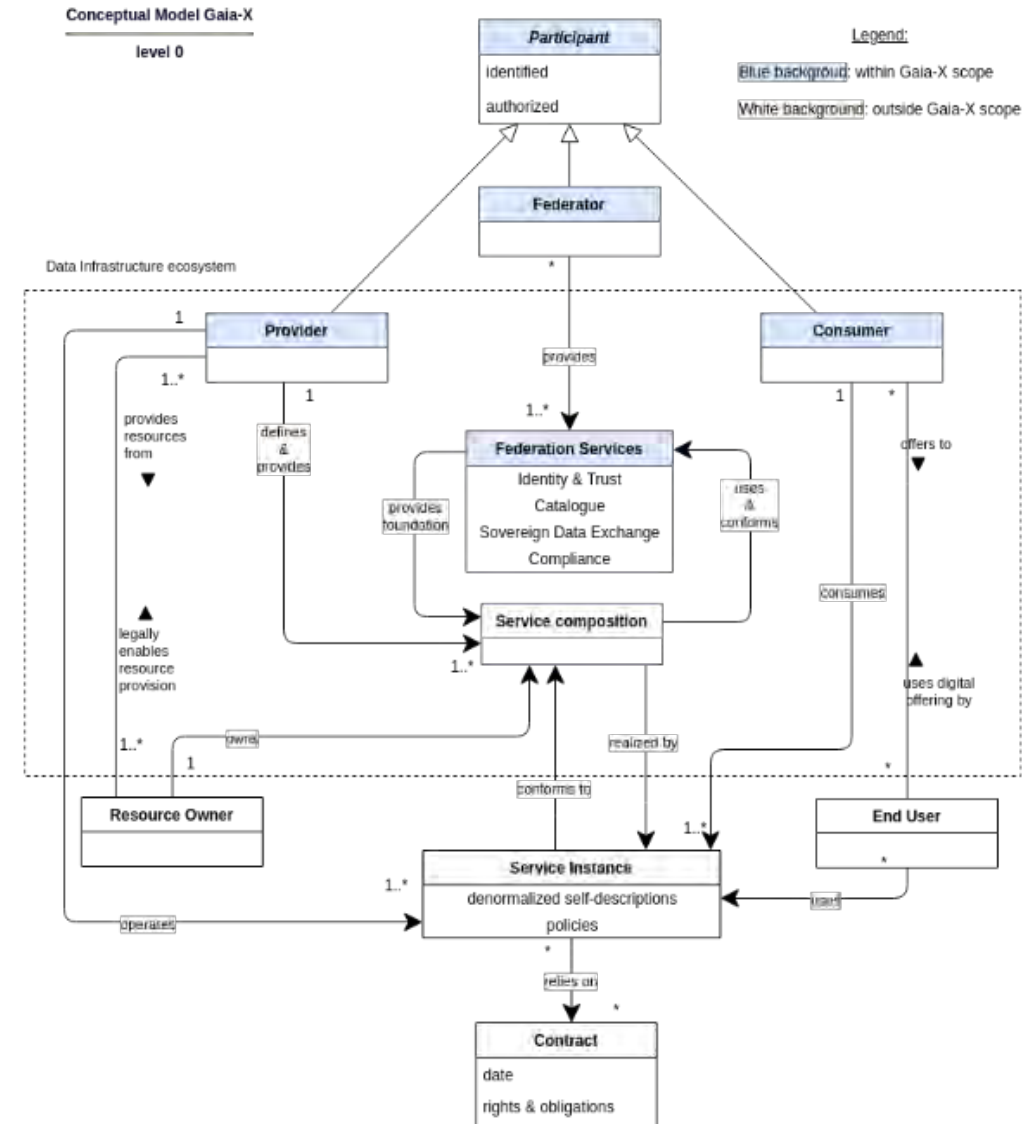
Definition: The Trust Framework is the set of rules that define the minimum baseline to be part of the Gaia-X Ecosystem. Those rules ensure a common governance and the basic levels of interoperability across individual ecosystems while letting the users in full control of their choices.

To ensure Trust (transparency, controllability) the Gaia-X process is:

- › Automated by Gaia-X specific components part of decentralised technology framework
- › Versioned, i.e., bound to a specific version in time of the Compliance rules set
- › Applied to the self-description file of all entities implied in the Gaia-X conceptual model (\*)
- › Aimed to verify the existence and veracity of the attributes and not judging their value

(\*) as defined as part of the Gaia-X Conceptual model described in the Gaia-X Architecture document

```
▼ @context:
  0: {}
  1: "https://w3id.org/security/suites/ed25519-2020/v1"
  cred:id: "vc.gaia-x.eu/membership/pierre.gronlier@gaia-x.eu"
  cred:type:
    0: "VerifiableCredential"
    1: "ParticipantCredential"
  cred:issuer: "did:web:vc.gaia-x.eu:issuer"
  cred:issuanceDate: "2022-01-17T22:42:34Z"
  cred:expirationDate: "2022-01-20T22:42:34Z"
  cred:credentialSubject:
    @context: {}
    @type: "schema:ProgramMembership"
    schema:id: "mailto:pierre.gronlier@gaia-x.eu"
    schema:programName: "Gaia-X AISBL"
  proof:
    0:
      type: "JsonWebKey2020"
      created: "2022-01-17T22:42:34Z"
      jws: "eyJhbGciOiJSUzI1NiIsImN1b2wiOiJkaWQ6Ym9keS0wLWZlcnRpb250b29uOQ8A"
      proofPurpose: "assertionMethod"
      verificationMethod: "did:web:vc.gaia-x.eu:issuer#JsonWebKey2020-RSA"
    1:
      type: "Ed25519Signature2020"
      created: "2022-01-17T22:42:34Z"
      verificationMethod: "did:web:vc.gaia-x.eu:iss-5519VerificationKey2020"
      proofPurpose: "assertionMethod"
      proofValue: "zSASFwCvpmVQT3N39d5Gdyw...qbDY6Inj2SYHQ4hAEGhUT5"
```



# What is a Gaia-X Label?



The Gaia-X Compliance & Labelling Framework identifies can serve both, Label Owners & Label Issuers:



## Label Owners

Entities that decide to define a specific label for their business.

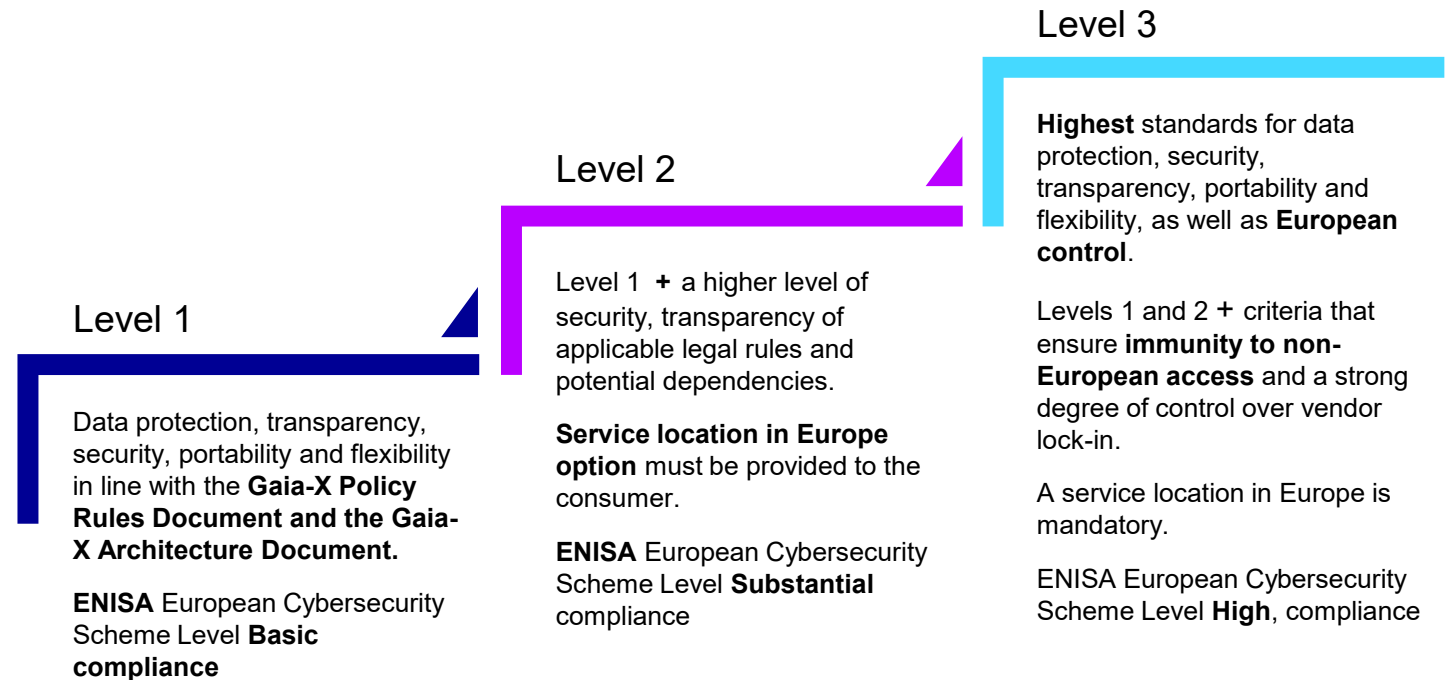


## Label Issuers

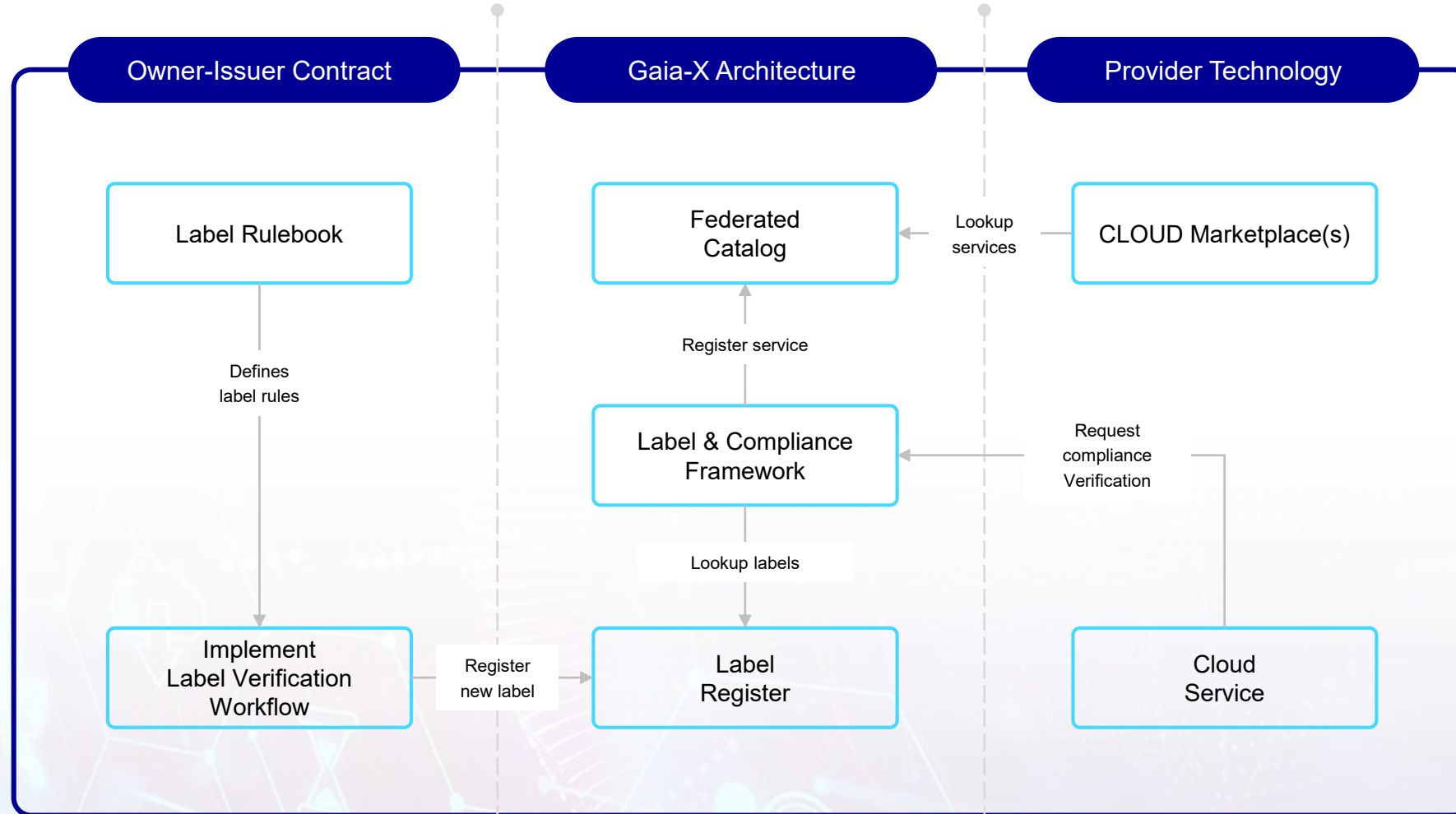
Entities, defined by the Gaia-X AISBL, that can implement and issue a label.

## Basis labels issued by AISBL

- › Gaia-X will verify the compliance of a service attributes according to those specified for a specific label, but **will let external authorities** (Governmental, Industrial Specific, Standardization Bodies, etc.) **the ability to define domain specific Labels**.
- › Besides externally defined Labels, Gaia-X will define **three basic level of compliance criteria clusters**.



# Gaia-X Label Functional Model (simplified logical view)



# Community Engagement

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Status overview of the Gaia-X endeavor



# Editorial Calendar of activities



## Gaia-X EDITORIAL CALENDAR

JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER

2022

Please check the weekly update on <https://www.gaia-x.eu/news/editorial-calendar>

# Communication Material

<https://gaia-x.eu/news/communication-material>



### Why join us as a member?

**Lay the foundations:**  
Get exclusive access to technical development, decision making and consultation processes on technical aspects.

**Exchange Knowledge:**  
Fully access all collaboration platforms, webinars and deep dives, helping you learn more about Gaia-X and share your experiences.

**Shape the future:**  
Participate actively in the working groups and committees within the Association

**Set standards:**  
Be part of an open discussion about the standards Gaia-X should be based on and ensure accessibility for all users and domains.

**Get funding opportunity updates:**  
Receive monthly communication on relevant funding opportunities at European and national levels. Get support from Gaia-X Projects and Proposals Office to find the best partners and get all relevant details on the calls of your interest, ranging from basic requirements to evaluation criteria.

Get promoted:

## Communication Material

announcement through our social media release and reinforce quotes from the two

ming over two weeks following the release s throughout the year; alongside Gaia-X; eces alongside Gaia-X); (year; g advantage of a dedicated communication aign during that event.

	Open All
Gaia-X Factsheet	+
Gaia-X Standard Presentation	+
Gaia-X Communication Briefing	+
Gaia-X Milestones	+
Gaia-X Infographic	+
Gaia-X Media Kit	+
Boiler Plate - About Gaia-X Association	+
Gaia-X Federation Services (GXFS) - Executive Summary	+
Gaia-X Hubs	+
Gaia-X Committees	+
Gaia-X Membership	+
Gaia-X Logo	+
Gaia-X Design Guidelines	+
Gaia-X Hubs Online Styleguide	+

### Gaia-X at a glimpse

#### Gaia-X Committees – Taking the project forward together

There are three committees:

- The Data Space Business Committee
- The Technical Committee
- The Policy Rules Committee

They are the highest ranked bodies under the board of directors of the Gaia-X European Association for data and cloud infra. Members of the Association may participate in the Committees. They are appointed by the Board of Directors.

#### Data Space Business Committee

**Purpose**

- Driven by a bottom-up view on digital business ecosystems that aim of the Data Space Business Committee (DSBC) is to foster the implementation of data spaces by three parties.
- By evaluation and development of functional, technical, operational, legal, and economic requirements the mission is to actively stimulate and support the establishment of data spaces across but not limited to Europe.

**Required prerequisites (input)**

- Relevant knowledge and experience within the context of data spaces (e.g. related to data sharing, governance models, business models, operating companies).

**Deliverables (output)**

- Successful guarantees and support for setting up data spaces.
- Reflection of dedicated business needs and translation into the Gaia-X Association (e.g. requirements for Gaia-X services).
- Gaia-X policy rules, labels and labelling approach for business use cases.

**Co-Heads**

- Jean-François Colas (Chair)
- Sébastien Schiesser (Co-Chair)

**Associated Open Work Packages**

- DSBC Compliance

### Gaia-X at a glimpse

#### 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 are shared and accessible, and can be freely and securely built, collected, and shared.

**Vision**

Digital platforms are becoming the major source of practical value creation in economic, political, and societal spheres. Our ability to overcome their respective fundamental barriers, interdependencies and trust will determine the future of Europe and any civil society.

**Gaia-X in numbers**

- 300+ 200+ members from 21 countries, from 100+ organisations, including governments, research institutions, academia, administrations and politics.
- 120+ 130+ use cases from more than 10 industry sectors worldwide sharing the economic demand for Gaia-X.
- 10+ 16 Hubs are established in Belgium, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Poland, Portugal, Slovakia, Sweden, Spain, Sweden, United Kingdom.
- 3 10 Committees endorse Gaia-X for the areas of technology, policy rules and data spaces. They unite a total of 10 working groups.
- 480 M 90% of Europ's digital data rights are in the hands of a few.
- 829 BN The value of data is as high as 829 BN.

### Gaia-X at a glimpse

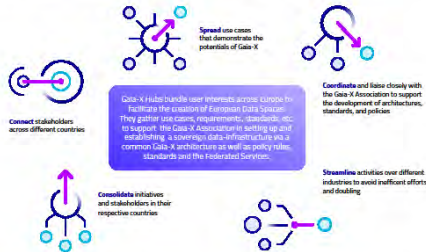
## Gaia-X Hubs – Join a thriving network across Europe

### What are Gaia-X Hubs?

Gaia-X is the next generation of digital data infrastructure: a trustworthy data ecosystem across Europe and beyond based on the European values of openness, transparency, and sovereignty. An international community of Gaia-X Hubs supports this unique pan-European idea on national levels to nurture a dynamic, grassroots ecosystem. This will help to identify relevant user requirements and to conceptualise use cases. For companies, stakeholders, initiatives, associations and public sector bodies: national Gaia-X Hubs are the central contact points for participating in and developing the Gaia-X project.

### What is the role of Gaia-X Hubs?

Hubs facilitate and support the creation of European Data Spaces. They are regional economy proxies to intercept digital transformation strategy directives and funding opportunities to implement Gaia-X services. Hubs focus on developing data spaces that are relevant or specific to the local region and also interact with other regions to build cross-national data spaces.



### How are Gaia-X Hubs organised?

National Gaia-X Hubs pursue a bottom-up approach. They are self-organised while closely aligned with the Gaia-X Association. Memoranda of Understanding are drawn up between Hubs and the Gaia-X Association to foster this partnership. Any organisation or company that can provide use cases, expertise and resources, or which is willing to contribute to the creation of data spaces, is welcome to join a Hub. A Gaia-X Hub incorporates at least one industrial sector and is open for participation to companies and organisations from other countries as well, especially those that do not have Gaia-X Hubs themselves. Each Hub is led by a Hub co-ordinator who ensures close contact to the Gaia-X Association. For all industry sectors involved in a national Hub, close cooperation between the Gaia-X Hubs and the Gaia-X Association is assured. Hubs are part of an open and global Gaia-X Community. Hub participants are not necessarily members of the Gaia-X Association but, are of course, encouraged to become one, so as to take part in the decision-making processes of architecture, as well as policy and rules development.

### Gaia-X Federation Services (GXFS)

#### Gaia-X Ecosystem Kickstarter – Executive Summary

**What is this White Paper about?** This White Paper explains the Gaia-X Federation Services' concept from a broader Gaia-X project angle. It introduces the reader to the Gaia-X project; elaborates why Federation Services are key to deliver Gaia-X's ambitions and provides an overview of different Federation Services for a non-technical audience.

**What is Gaia-X and why does it matter?** Gaia-X is a European project aiming to promote innovation through data sharing. By addressing the lack of trust in the current data landscape, Gaia-X will tap into the potential of linking up different industries and new data pools. Gaia-X develops a framework whereby actors will agree on certain rules and values that create trust among all actors based on the values of data sovereignty, privacy, security, technology neutrality and interoperability. In a community-driven process - companies, individuals and other actors can join Gaia-X.

**What is GXFS?** Gaia-X Federation Services are the implementation toolbox and minimum technical requirements and services to kickstart Gaia-X. The Federation Services empower the Federations to become operational and work together in an efficient and secure manner.

#### How will the Gaia-X Federation Services

will be source services as that their source point system



**developed?** A range of services have been defined in the work of Catalogue, Data Sovereignty Services, Compliance and Portal. For authentication and authorisation, personal credential management, services to name only a few. Further details may be consulted hite Paper available [here](#).

is the project name of an initiative funded by the German Ministry per a German Parliament decision. It intends to kickstart the n. Services through a joint community process. The resulting e of this funded project are owned by the Gaia-X Association.

st Industry, with its Head Office in Cologne, Germany, acts as a tion work and to award the implementation contractors, based on

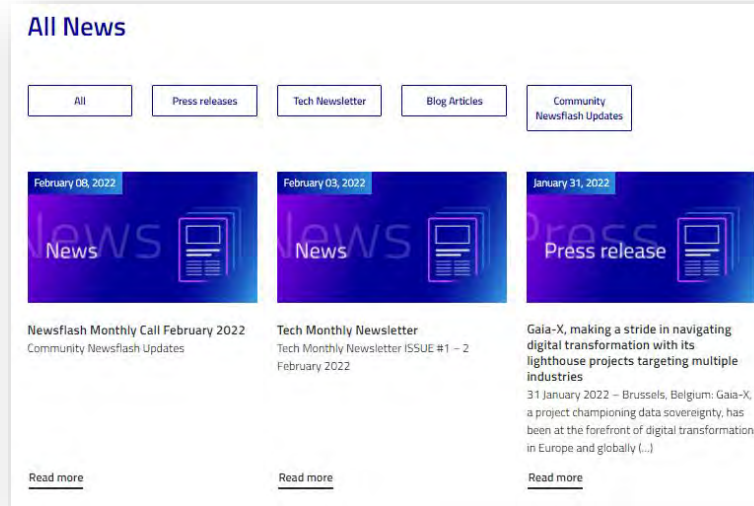
# Media Kit

<https://gaia-x.eu/news/press-room>



# News section

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



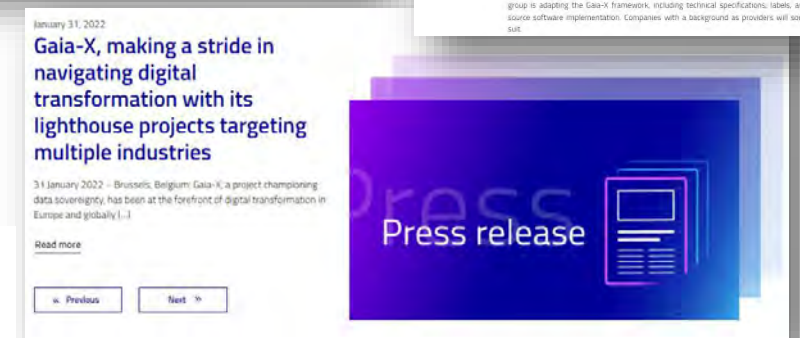
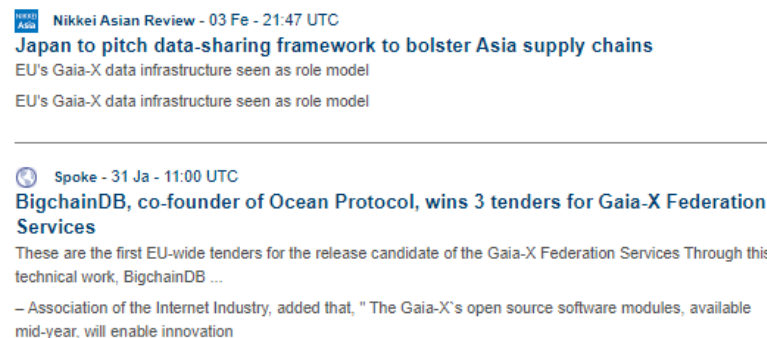
# Weekly Press Reviews

<https://gaia-x.eu/press-review>

	Open All
31 January - 07 February 2022	×
Gaia-X Weekly <a href="#">Press Review</a> : 31 January - 07 February 2022	
24 January - 31 January 2022	×
Gaia-X Weekly <a href="#">Press Review</a> : 24 January - 31 January 2022	
17 January - 24 January 2022	×
Gaia-X Weekly <a href="#">Press Review</a> : 17 January - 24 January 2022	
10 January - 17 January 2022	×
Gaia-X Weekly <a href="#">Press Review</a> : 10 January - 17 January 2022	
3 January - 10 January 2022	×
Gaia-X Weekly <a href="#">Press Review</a> : 3 January - 10 January 2022	
29 November 2021 - 6 December 2021	×
Gaia-X Weekly <a href="#">Press Review</a> : 29 November 2021 - 6 December 2021	

# Press Clips

<https://gaia-x.eu/press-review>



# Press Releases

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# Events

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

## Events

Home » Events

### Digital Europe: Cloud, Edge and Data Spaces Funding Opportunities Workshop

We would like to invite you to register for our Digital Europe: Cloud, Edge and Data Spaces Funding Opportunities Workshop in collaboration with DG CONNECT, European Commission.

January 28, 2022  
10:00 - 13:00 CET  
Online

[Previous](#) [Next](#)



## Past Events

June 17, 2021

Event

Information Webinar

[Read more](#)

June 07, 2021

Event

Extraordinary General Assembly of the Gaia-X Association, AISBL

[Read more](#)

May 26, 2021

Event

Consultation on the Gaia-X Policy Rules Document

[Read more](#)

May 19, 2021

Event

Technical Deep Dive 02.21

[Read more](#)

May 12, 2021

Event

Speeding Up Industrial AI and Trustworthiness

[Read more](#)

May 07, 2021

Event

Consultation on the Gaia-X Policy Rules Document

[Read more](#)

[Load More](#)

## Gaia-X Summit 2021



18  
+  
19  
NOV  
2021  
13:00 - 18:00 CET  
Online  
[Register](#)

Deep dive from a vision to a tangible data infrastructure reality

Photo Album Day 1



Photo Album Day 2



### Agenda Day 1 (18 Nov): Vision and Internationalisation

#### PPT Presentations Day 1

##### Part 1: Keynotes - Gaia-X is Up and Running

Session Moderator: Dr. Vassilia Orfanou (CMO, Gaia-X)

- 13:00 - 13:10 - Food for thoughts: Data Ethics (Impulse) - [Brittany Kaiser](#) (Session Coordinator) - [Video Recording](#)
- 13:10 - 13:15 - Welcome and Open keynote - [Dr. Maximilian Ahrens](#) (Chairman BoD Gaia-X, CTO, T-Systems) - [Video Recording](#)
- 13:15 - 13:30 - Gaia-X Status, Vision and Roadmap - [Francesco Bonfiglio](#) (CEO, Gaia-X) - [Video Recording](#)
- 13:30 - 13:35 - Summit Content and Structure - [Prof. Dr. Boris Otto](#) (Fraunhofer and VCE Innovation) - [Video Recording](#)

#### 5min Break (Video Testimonials and Video Statements)

- [Gauchier Croumoulin](#) (Coordinator, Gaia-X Hub Luxembourg)
- [Marine Du Sary](#) (Coordinator, Gaia-X Hub France)
- [Peter Kriemler](#) (Coordinator, Gaia-X Hub Germany)
- [Stefano Lindqvist](#) (Director, Institute of Interactive Systems and Data Science)
- [Marina Malakova](#) (Executive Director, ELCTRIE, s.r.o. & Coordinator, Gaia-X Hub Slovakia)
- [Gerrit Maki](#) (Project Coordinator, T-Systems)
- [Antonietta Marinucci](#) (Chief Digital & IT Officer, Proximus)
- [Gabriella Marzocchi](#) (Chief Digital Officer, Sky IT)
- [Alma Rubens](#) (Researcher, D4-CX)
- [Jochen Schulte](#) (Strategic Program Officer, Luxembourg Institute of Health)
- [Niqueline Van de Werken](#) (General Counsel, Unilever Global B.V.)
- [Stephane Wehrli](#) (Executive Director R&D, Alstom, SLM)
- [Peter Verbeulen](#) (Coordinator, Gaia-X Hub Netherlands)

#### Part 2: Gaia-X Creates Business Values - Insights from our International Hubs and Data Spaces

Session Moderator: Dr. Vassilia Orfanou

- 13:50 - 14:20 - Gaia-X Up and Running - Pitching Gaia-X Minimum Viable Gaia-X (MVG) - [Pierre Gronlier](#) (CTO, Gaia-X) - [Video Recording](#)
- 14:20 - 14:50 - First Show on Federated Services and Q&A - Project leads: [Dr. Anne-Sophie Taillandier](#) (FR), [Andreas Weiss](#) (DE) - [Video Recording](#)
- 14:50 - 15:20 - Business Case I: (Latena-X) and Q&A - [Oliver Ganser](#) (CEO Latena-X and BMW) - [Video Recording](#)



## Digital Europe: Cloud, Edge and Data Spaces Funding Opportunities Workshop



As this event is related to EU funding, it would only be EU member oriented, including members associated with the DSBA alliance, equally European and following EC's request. Other events in the future will be oriented to all members.

## Gaia-X Hackathon #2



We are delighted to invite the Gaia-X community to the second official Gaia-X Hackathon. The Hackathon will take place on the 2nd and 3rd of December 2021.

The Gaia-X Hackathon is a two days event with each day being crowned with a presentation session of showcases that leverage components and concepts of the Gaia-X architecture. You can register for the Hackathon and the showcase sessions separately.

The goals of the Gaia-X Hackathon are

1. to increase the technical competence and knowledge related to technology relevant to the Gaia-X ecosystem within the community and
2. to integrate and align different ideas, concepts, pilots and prototypes to consistent approaches.

The Gaia-X Hackathon will be organized as a community event in regular intervals by the Open Work Package Minimal Viable Gaia-X/Piloting.

### Details

When: December 2 & 3 | 9:30 am - 5:30 pm CET

Where: Virtual Event via MS Teams | Access data will follow after registration

Topic: 2 streams for extending the "data to compute" and "compute to data" cases (developed during Hackathon #1)

Language: EN

Share on



# Why should you join?



## Contribute

to a pioneering project that will establish digital sovereignty for Europe.



## Shape

how data will be stored, shared, and used in future.



## Develop

new data-driven business models and data spaces.



## Strengthen

ties to the expert communities in your industry.

## Follow Us On



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<https://www.facebook.com/Gaia-X-Association-for-Data-and-Cloud-111692924764099>



<https://www.youtube.com/channel/UCB5WMc2FfrxKzfd7XIODoMw>





Be part of the Gaia-X story and  
create a future that is both open  
and fair!

Thank you!