

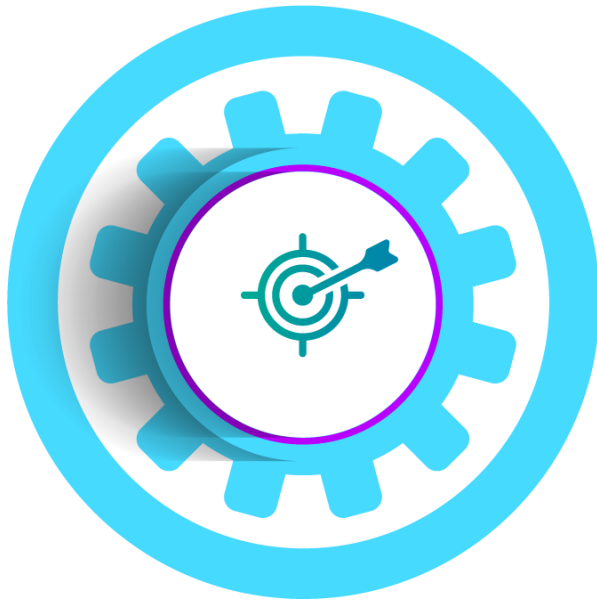
Gaia-X Overview

EU-Japan Digital Partnership Webinar

12.03.2024

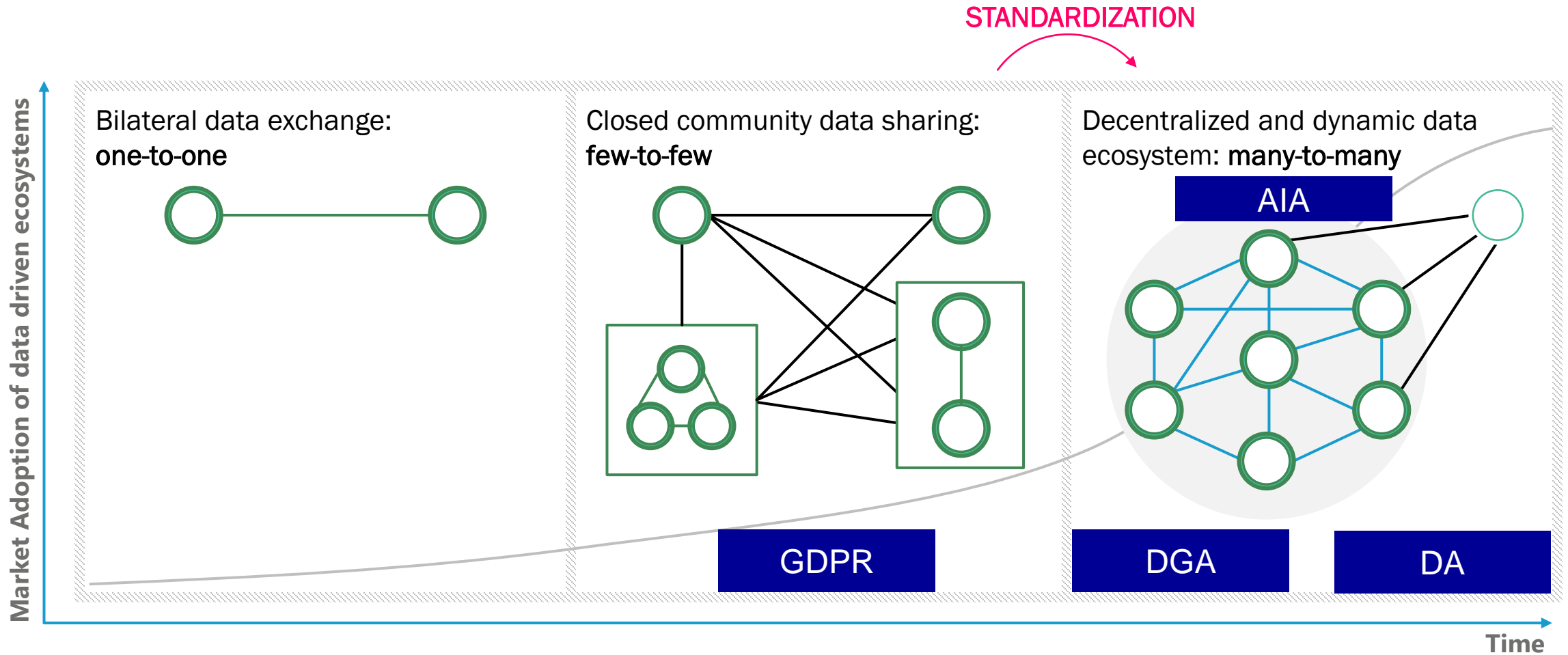
—
Ulrich Ahle | CEO Gaia-X European Association for Data and Cloud

VISION

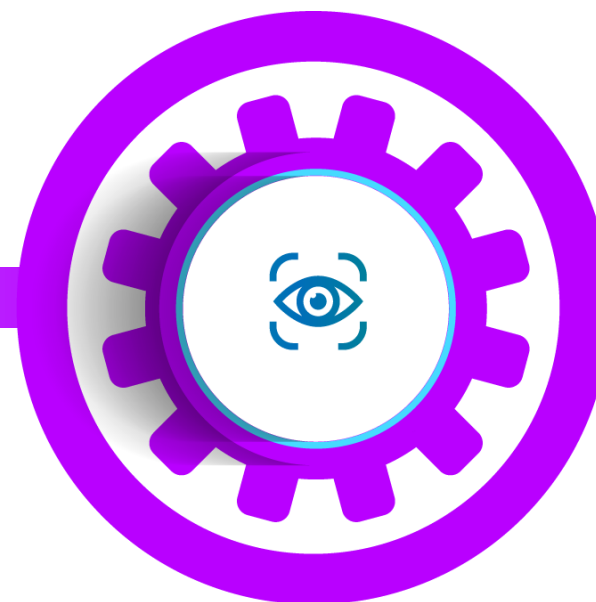


Enable trusted decentralised
digital ecosystems

The demand for Data Spaces



Creating the de facto standard aligned with EU values by developing a set of policies, rules, specifications and a verification framework



MISSION

The Gaia-X Strategic Plan in a nutshell








| 1 End-user adoption strategy | 2 Market readiness of the technology | 3 Globalisation strategy | 4 Growth of the Gaia-X ecosystem |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none">▪ Increase the number of reference stories to enable the community in reference selling▪ Policymakers supporting and advocating for the Gaia-X initiative in Europe▪ Work with Cloud Service Providers, including Hyperscalers, while maintaining sovereignty through Gaia-X rules▪ Establish Hubs in European countries which are not active yet | <ul style="list-style-type: none">▪ Intensify collaboration with DSBA and FOSS communities▪ Strengthen partnership with funded projects on EU and member state level, including lighthouse projects to enhance the functionality▪ Provide regular deep dive sessions using Gaia-X de-facto standards to demonstrate how Data Spaces based on a federated Cloud infrastructure can be realised▪ Validate 'Powered by Gaia-X' | <ul style="list-style-type: none">▪ Partner with international members for global regions and align with regulations outside of Europe▪ Utilize Gaia-X Hubs as multiplier for Gaia-X in their home regions▪ Include other regions to participate in the definition of labels for their territory▪ Join global events to increase awareness about Gaia-X▪ Foster analyst relations to increase global awareness | <ul style="list-style-type: none">▪ Demonstrate benefits for existing members▪ Provide added values for organisations to join Gaia-X<ul style="list-style-type: none">▪ Large corporates for global reach▪ Start-ups and SME for innovative solutions▪ Developers and Universities for technology excellence▪ Maximize the efficiency of the Committees and agile sprints▪ Grow the number of members |

Driven by a growth and service oriented team providing thought leadership to the market

Gaia-X Digital Clearing House



GXDCH Components*

-  Gaia-X Registry (compulsory)
-  Gaia-X Compliance (compulsory)
-  Wizard (optional)
-  Catalogue (optional)
-  Credential Event Service (Optional**)



Gaia-X Conformity and Labels

| | C | L1 | L2 | L3 |
|-----------------------------------------|---|----|----|----|
| (Self)Description of Service or Product | ✓ | ✓ | ✓ | ✓ |
| Signed with validation method (eIDAS) | ✓ | ✓ | ✓ | ✓ |
| Technically verified criteria*** | ✓ | ✓+ | ✓+ | ✓+ |
| Data Exchange Policies | | ✓ | ✓ | ✓ |
| Certified Label Logo | | ✓ | ✓ | ✓ |
| Data protection by EU legislation | | ✓ | ✓ | ✓ |
| Criteria verified by Manual CAB | | | ✓ | ✓ |
| Provider Headquarter within EU | | | | ✓ |

* Current list, may expand in future releases

** CES will become mandatory in Loire (next release)

*** "✓+" means additional criteria technically verified

Status Gaia-X Digital Clearing Houses



GXDCH STATUS

This page indicates whether a service is UP and running. It does not attest to the end to end functionality

- Overview
- [Gaia-X Lab](#)
 - [Aruba](#)
 - [Telekom](#)

| Gaia-X Lab | | |
|-----------------------|-----------------------|-----------------------|
| Compliance | Registry | Notary |
| 1.8.1 | 1.7.1 | 1.6.1 |
| UP | UP | UP |

| Aruba | | |
|-----------------------|-----------------------|-----------------------|
| Compliance | Registry | Notary |
| 1.8.1 | 1.7.1 | 1.6.1 |
| UP | UP | UP |

| T-Systems | | |
|-----------------------|-----------------------|-----------------------|
| Compliance | Registry | Notary |
| 1.8.1 | 1.7.1 | 1.6.0 |
| UP | UP | UP |

Orange, TIM, Tecnalia

Up and running
accreditation in progress

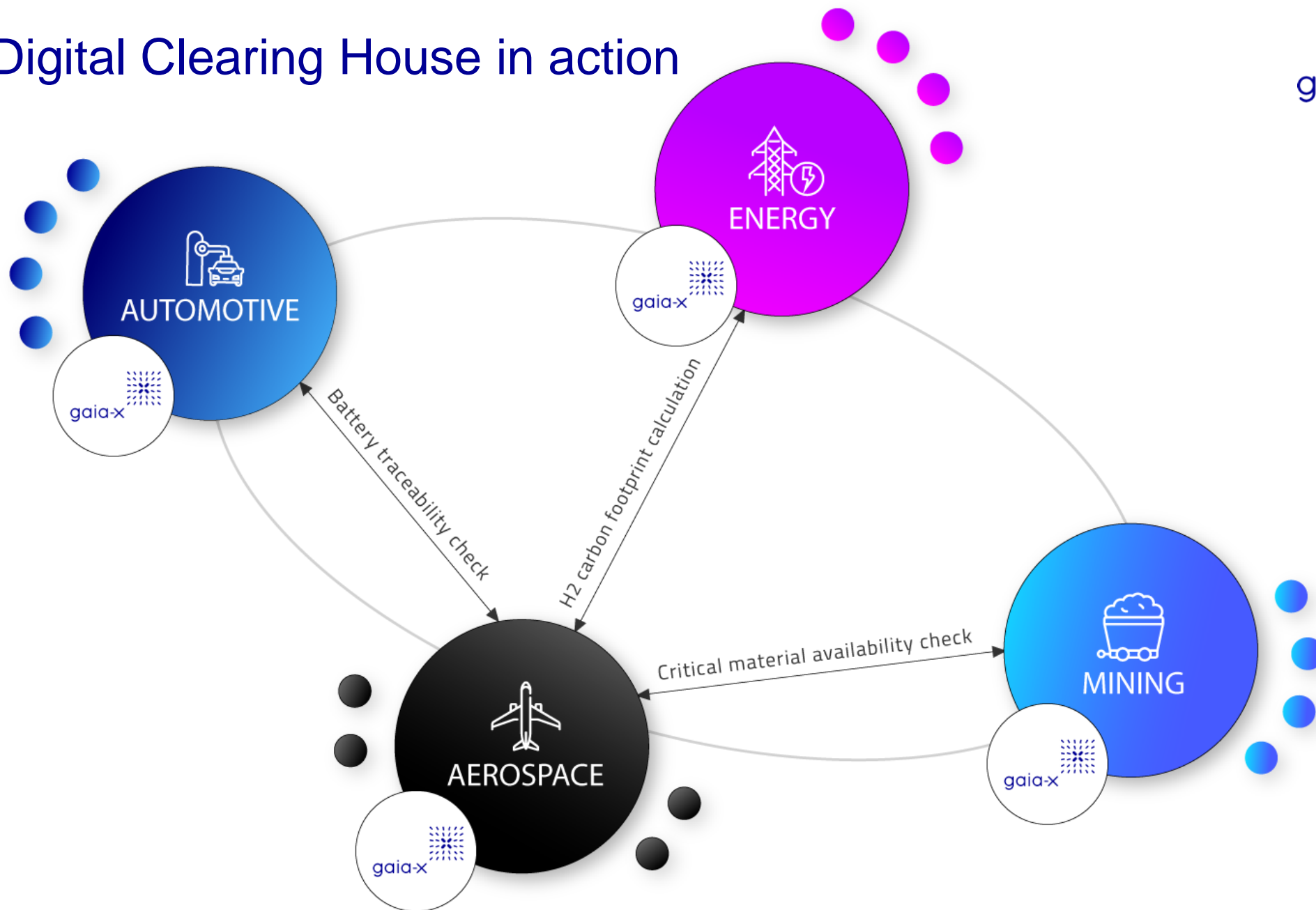
Pipeline Clearinghouse candidates

Proximus, OVH Cloud, A1 Digital, Arsys Internet S.L.U., Ionos SE, Aire Networks del Mediterraneo, MBR, OSISM, Tieto Evry, K-BusinessCom, Exaion (EDF), Gigas Hosting S.A., iShare, LHC – LuxConnect, NRB, Uniserver B.V.



<https://docs.gaia-x.eu/framework/?tab=clearing-house>

Gaia-X Digital Clearing House in action



Gaia-X Lighthouses

Lighthouse Data Spaces



agdatahub

Agriculture
Agdatahub

Catena-X
Automotive Network

Automotive Supply Chain
Catena-X

Lighthouse Projects

ACCURATE

Manufacturing
Accurate

Boot-X

Infrastructure & Technology
Boot-X

COOPERANTS

Aeronautics, Space Sector
Cooperants

ELINOR X

Urban Data Cooperative
ELINOR-X

EONA-X

Mobility, Transport & Tourism
EONA-X

energy data-X

Energy
Energy data-X

EuProGigant

Manufacturing, Industry 4.0
EuProGigant

EuroDaT
The European Data Trustee

Finance
EuroDaT

gaia-x future mobility

Mobility & Transport
Gaia-X4 Future Mobility

HEALTH-X dataLOFT

Health
HEALTH-X dataLOFT

Mobility Data Space

Mobility
Mobility Data Space (MDS)

omega-x

Energy
Omega-X

PROMETHEUS-X

Education
PROMETHEUS-X

SCSN smart connected supplier network

Electronics Supply Chain
SCSN

Structura-X

Cloud Services
Structura-X

TEAM-X
Trusted Ecosystem of Applied Medical Data eXchange

Health
TEAM-X

BDVA, FIWARE, GAIA-X und IDSA created the Data Spaces Business Alliance partnering with the Data Spaces Support Centre



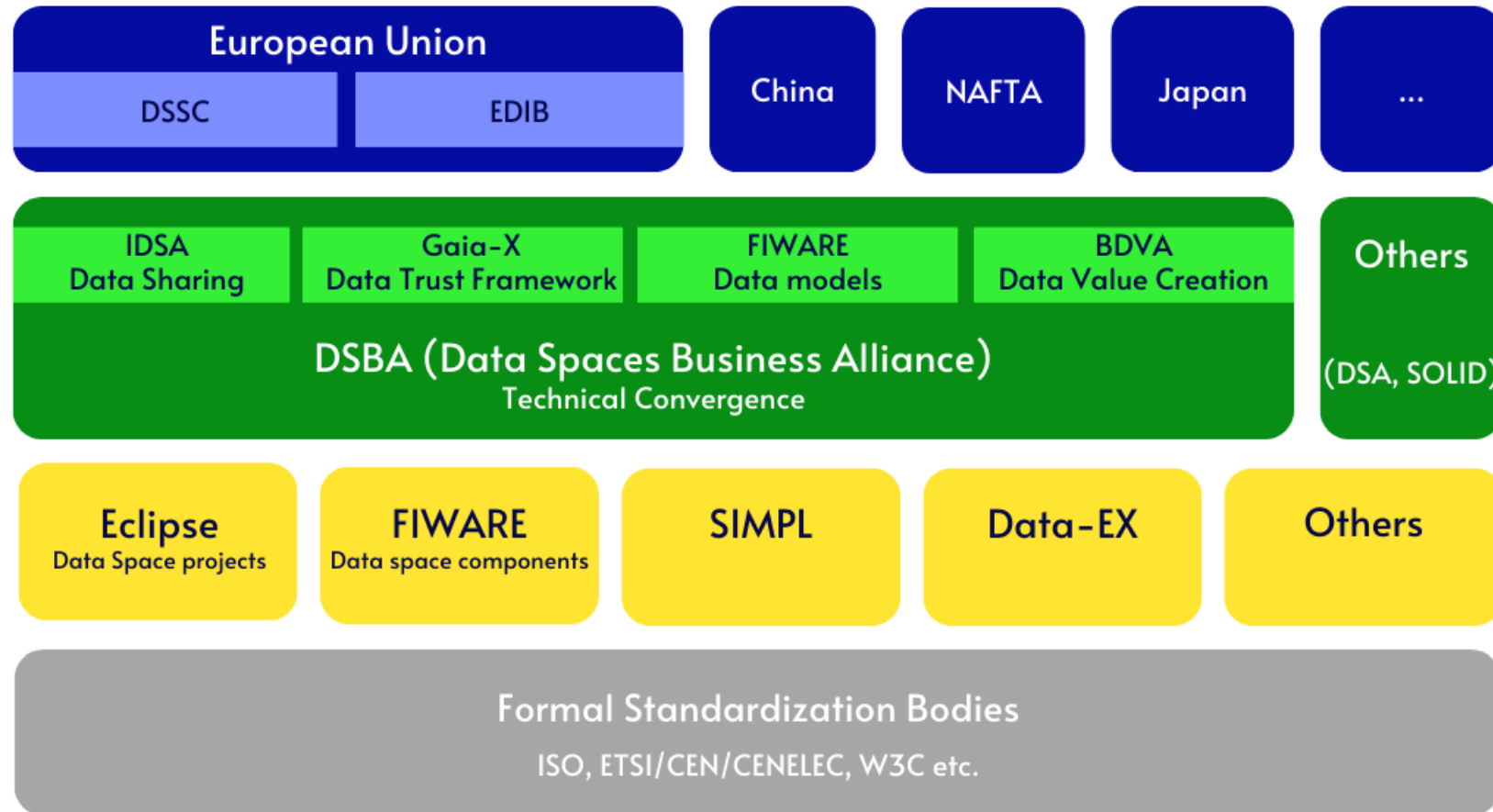
- **One Architecture**
- **One Voice**
- **One hundred Hubs**
- **One thousand Members**



Data Spaces Business Alliance
Unleashing the Data Economy

A row of four logos: BDV (with the tagline "BEYOND VALUE PROPOSITION"), FIWARE FOUNDATION, gaia-x, and INTERNATIONAL DATA SPACES ASSOCIATION.

Regulatory, business and technical foundation for Data Spaces within the Edge-Cloud-Continuum



Data regulations in economic regions

Data strategies implementation

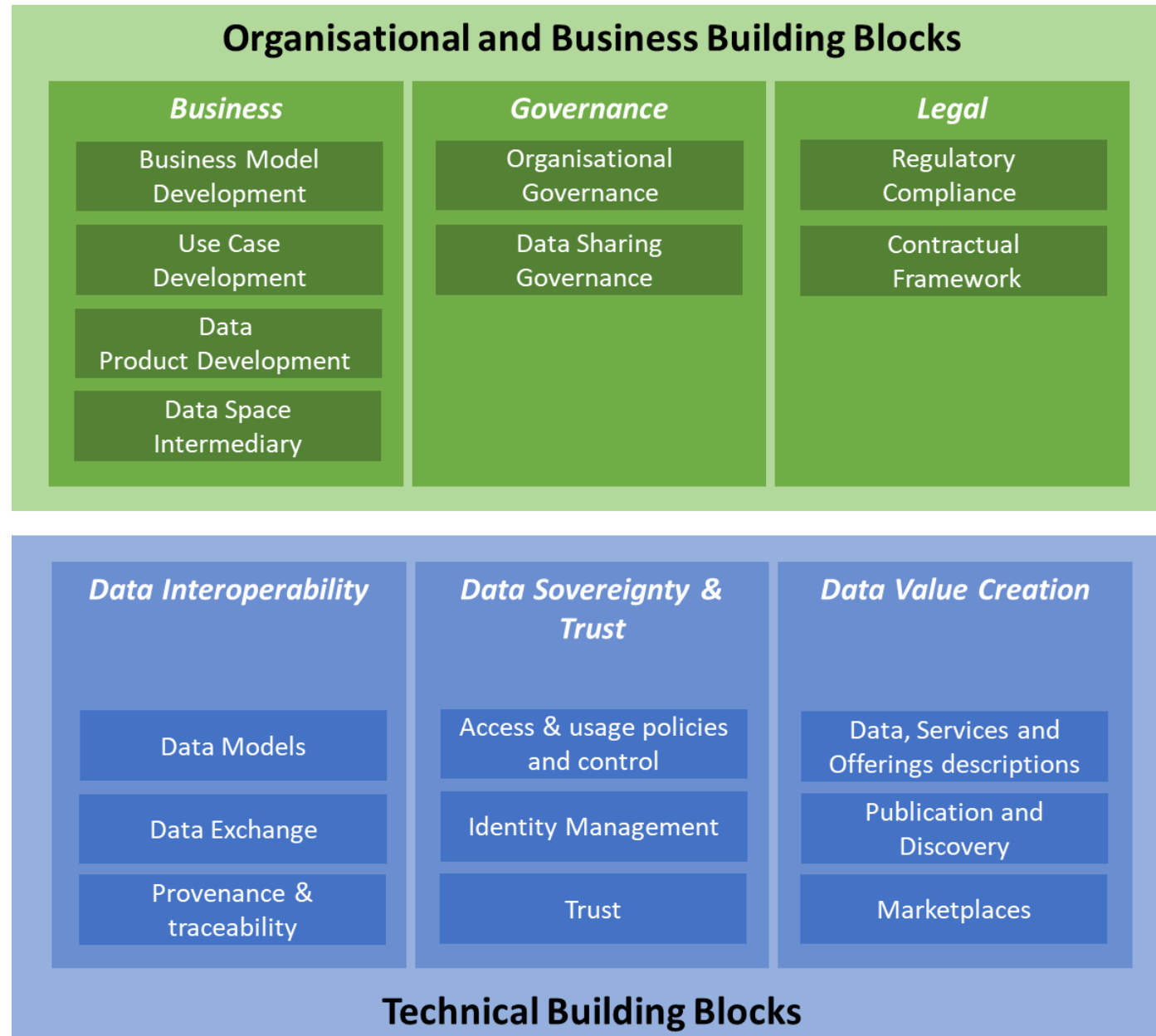
User requirements, Voice of the communities, coordinate technical specs and business requirements, support to "business design"

Alignment in technical specifications and standards to adopt

Technical implementation driven by OSS, place for the developer communities

Long-term investment security, adoption support etc. through norms and standards

Data Space Stack Building Blocks



International Data Society Alignment Task Force



- The International Open Forum on Data Society (IOFD) in Paris on February 14, 2024, agreed to establish a task force to promote international data society.
- The task force aims to accelerate the discussions at the IOFD. Therefore, the IOFD agreed to hold monthly task force meetings.

The task force will discuss measures to ensure interoperability between different dataspaces and joint international standardization activities.

Members

23 organizations and 50 members expressed their participation in the task force.

1st Kick-Off Meeting

The first kick-off meeting was held on March 5, 2024, with 31 participants from 15 organizations.

The task force's operating policies and procedures were agreed upon, and discussions were based on two technical proposals.

The second meeting will be scheduled for the week of April 15.

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Thank you!

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CEO Gaia-X Association

