Gaia-X*celerate*
SUMMIT 2023

Alicante, Spain
9 & 10 November

In partnership with **gaia-x**
🇪🇸 Hub Spain

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#GaiaXSummit23

The Gaia-X Journey & Strategy 2025

Catherine Jestin, Gaia-X BoD Chairwoman; Executive Vice President Digital and Information Management, Airbus

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Ulrich Ahle, Gaia-X CEO

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The Gaia-X Journey & Strategy 2025

Catherine Jestin

Gaia-X BoD Chairwoman; Executive Vice President Digital and Information Management, Airbus
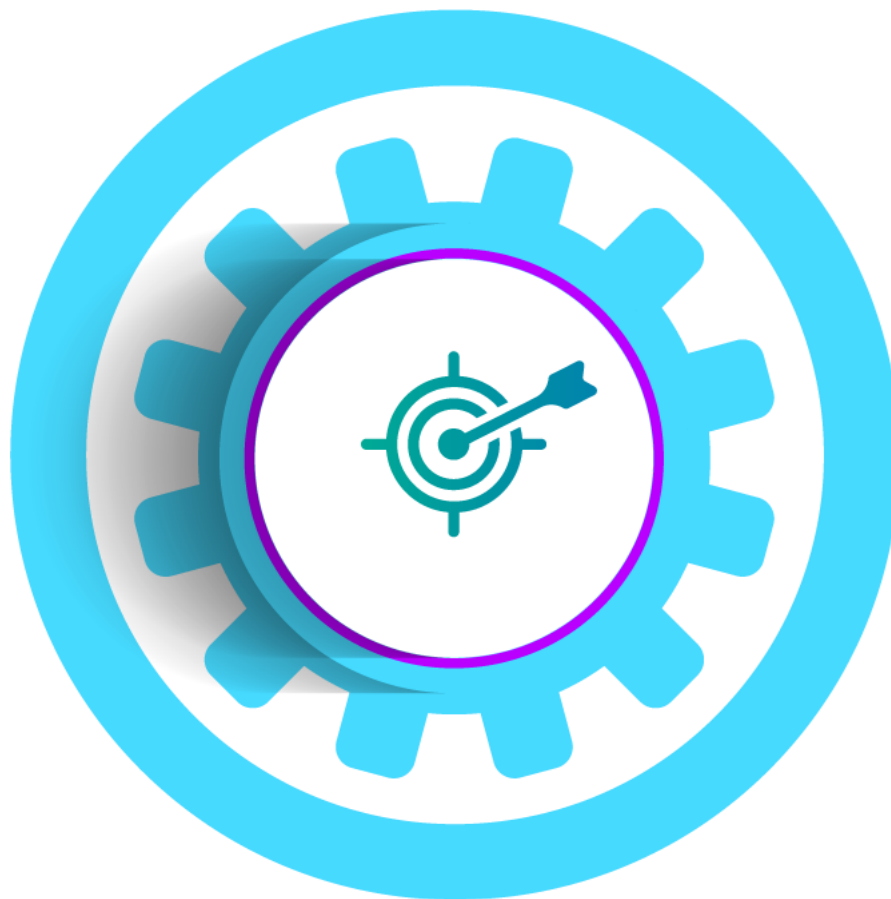
gaia-x

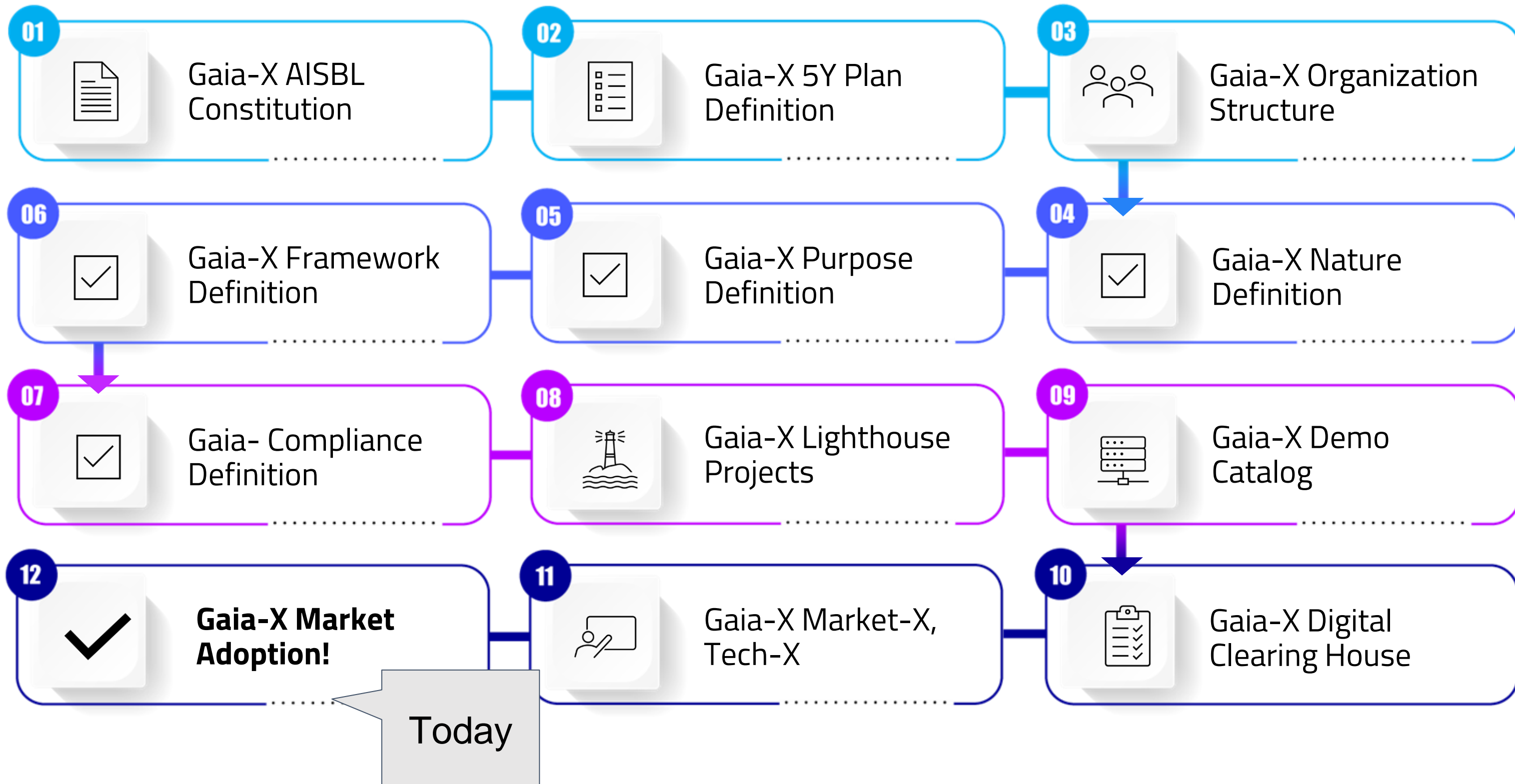# The Gaia-X Journey & Strategy 2025

Ulrich Ahle

Gaia-X CEO

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Gaia-X Vision

VISION

Enable trusted decentralized digital ecosystems

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Gaia-X From Inception to Market

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			2021
01 Gaia-X AISBL Constitution	**02** Gaia-X 5Y Plan Definition	**03** Gaia-X Organization Structure	
06 Gaia-X Framework Definition	**05** Gaia-X Purpose Definition	**04** Gaia-X Nature Definition	2022
07 Gaia- Compliance Definition	**08** Gaia-X Lighthouse Projects	**09** Gaia-X Demo Catalog	
12 Gaia-X Market Adoption!	**11** Gaia-X Market-X, Tech-X	**10** Gaia-X Digital Clearing House	2023

Today

Gaia-X Lighthouse Projects

Agriculture
Agdatahub

Automotive Supply Chain
Catena-X

Urban Data Cooperative
ELINOR-X

Mobility, Transport & Tourism
EONA-X

Energy
Omega-X

Manufacturing, Industry 4.0
EuProGigant

Mobility
Mobility Data Space (MDS)

Electronics Supply Chain
SCSN

Cloud Services
Structura-X

Mobilty & Transport
GAIA-X4 Future Mobility

Gaia-X Digital Clearing House in action

AUTOMOTIVE

ENERGY

AEROSPACE

MINING

Battery traceability check

H2 carbon footprint calculation

Critical material availability check
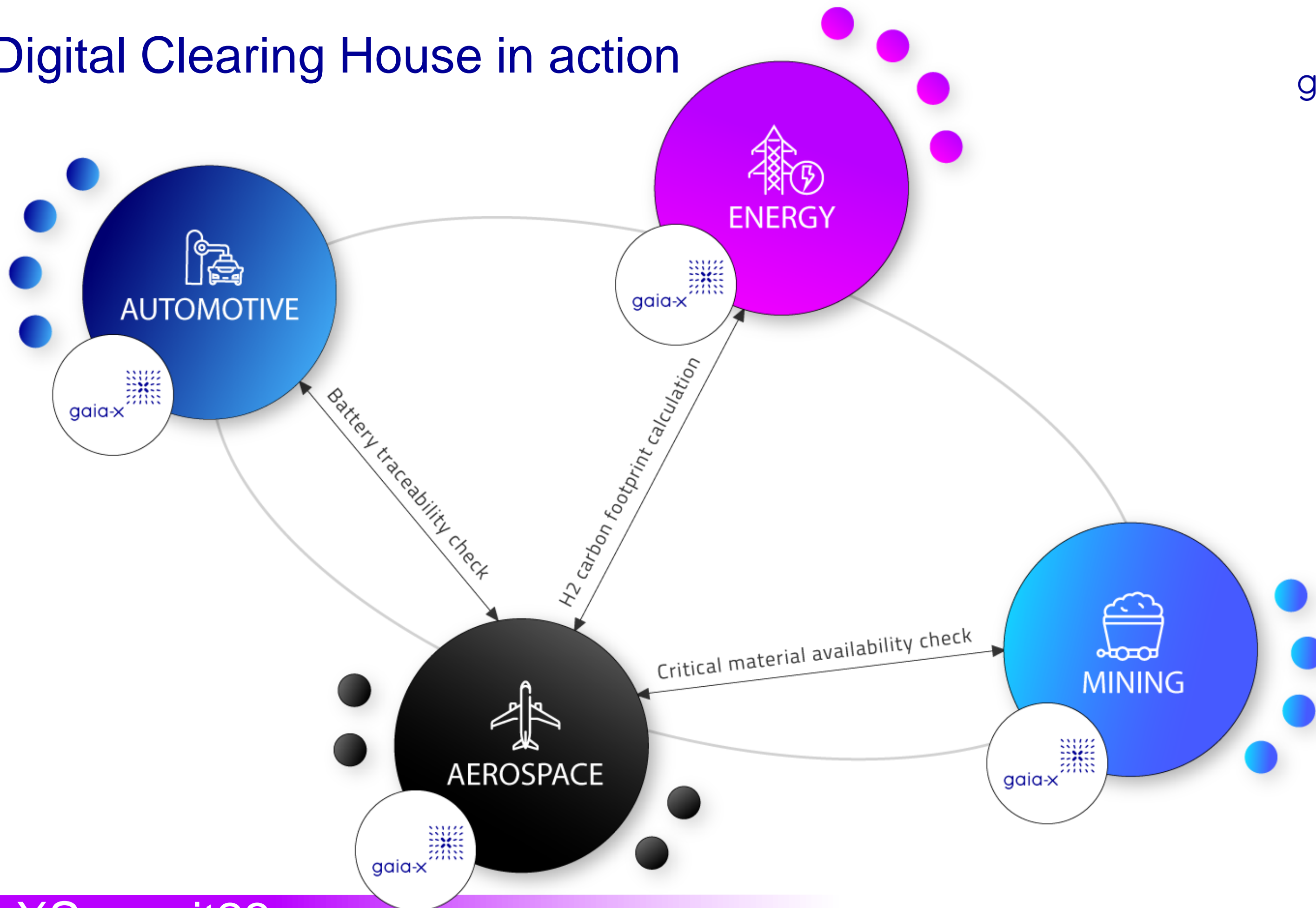
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The agricultural and agri-food data space "Gaia-X Ready" with Agdatahub and its partners

Sébastien Picardat

—

CEO

Agdatahub

10 EU millions farms to interconnect with 500 000 partners
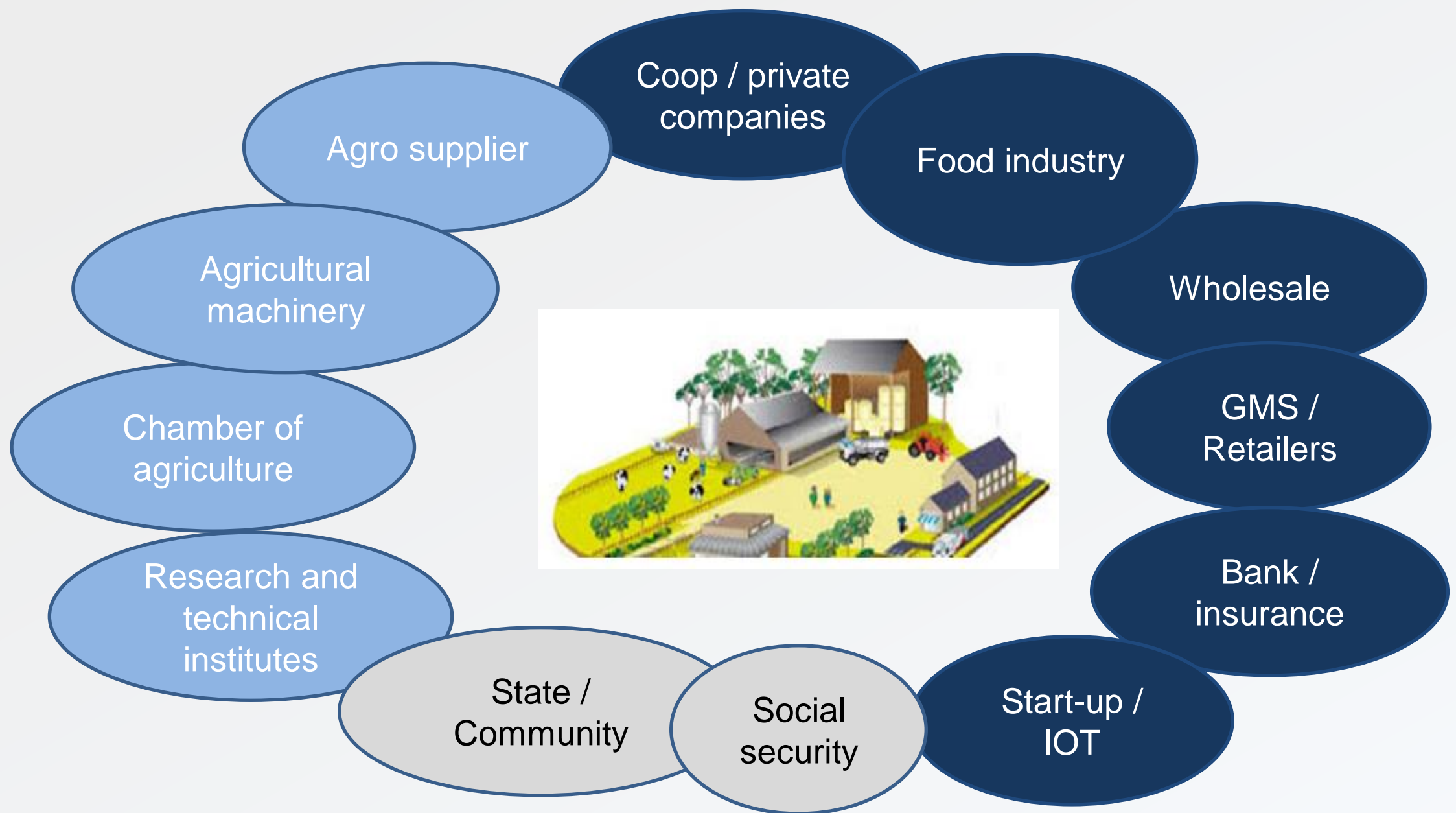
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Data maturity of this sector
A very large amount of heterogeneous, competing, non-interconnected and sometimes inaccessible data, scattered among the partners of the farms

Commun Agricultural Policy
- Provide food to EU consumers and third countries in quantity and quality
- Minimize the impacts of agricultural practices

Coop / private companies

Agro supplier

Food industry

Agricultural machinery

Wholesale

Chamber of agriculture

GMS / Retailers

Research and technical institutes

Bank / insurance

State / Community

Social security

Start-up / IOT

Agdatahub' technological modules are Gaia-X compliant

gaia-x

agdatahub

**Candidate to be an EU-recognized
data intermediation services provider**

SOVEREIGN	NEUTRAL	COMPLIANT	RECOGNIZED	ADAPTED
*French solution guaranteeing **data security and confidentiality**, subject to **European and national regulations***	*Supported by **some thirty** representative **agricultural players**, Agdatahub is **not** directly **involved in** data processing, and will operate under the regulation of ARCEP.*	*Technological platform in **line with the rules of the single data market** defined by the **new European regulations** (DGA, DA)*	*Agdatahub is the coordinator of the **AgriDataSpace Consortium** and a **Gaia-X** day-One member*	*Solution based on proven partner technologies, **adapted for agricultural and agri-food markets**.*

FRANCE 2030

arcep

AGRI DATASPACE

DATA SPACES SUPPORT CENTRE

DAWEX
data exchange technology

orange Business

IN GROUPE

Agdatahub succeeds in federating the agritech ecosystem

gaia-x

Our European projects

invite

Data4Food 2030

TECH CARE
Integrating innovative TECHnologies along the value Chain to improve small ruminant welfARE management

horizon europe

Our clusters

Agro-supplies cluster

mes parcelles

MINISTÈRE DE L'AGRICULTURE ET DE L'ALIMENTATION
Liberté Égalité Fraternité

FRANCE 2030

Our shareholders

Avril   inVivo

SOFIPROTEOL   CHAMBRES D'AGRICULTURE

BANQUE des TERRITOIRES | Groupe Caisse des Dépôts

Traceability and Scoring Cluster

Intercéréales

MAÏSADOUR

François Cholat

Our technology partners

IN GROUPE

orange Business

DAWEX
data exchange technology

ag datahub

Our processing partners
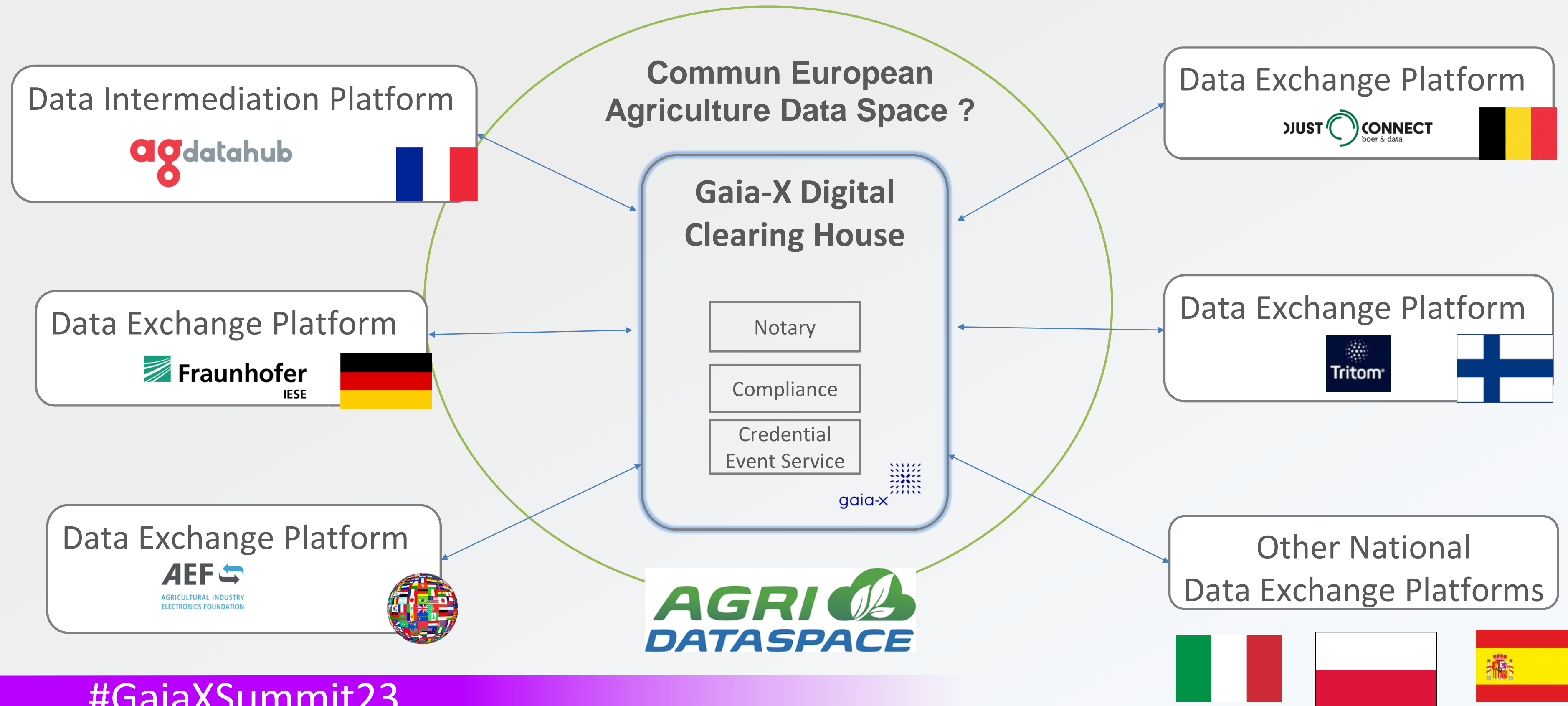
MyEasy Carbon

foodpilot
WHEN DATA DRIVES PROGRESS

CRYSTALCHAIN
Construisons la confiance™

FAST

OAD Cluster

ARVALIS

brgm
Géosciences pour une Terre durable

Terres Inovia
l'agronomie en mouvement

Livestock Cluster

CNE
Confédération Nationale de l'Élevage

France Génétique Élevage

Céréopa
Centre d'Étude et de Recherche sur l'Économie et l'Organisation des Productions Animales

Catena-X | Your Automotive Network | gaia-x

Governance
Trust Bodies

Data Space
Operational Environment

Industry Solutions
for Automotive Customers

Customer Value
Data Exchange & Services

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GXDCH

ECLIPSE FOUNDATION | INTERNATIONAL DATA SPACES ASSOCIATION | Catena-X Your Automotive Network

Catena-X is the

1st

Gaia-X compliant data space

▸ Interoperability
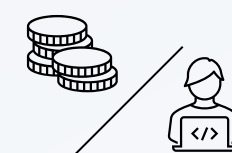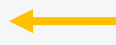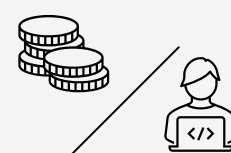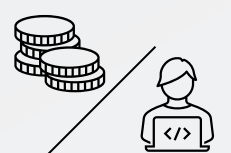▸ Data Sovereignty
▸ Trust
... across data and services!

Cofinity-X
We are going live on October 16th!
Contact us now to benefit from the Catena-X ecosystem.

TRUSTED SUSTAINABILITY

RESILIENT SUPPLY-CHAINS

COMPLIANT & EFFICIENT PLM
ALL GOOD

Recycler

Dismantler

OEM

1st Tier

nTier

Operators

Service Providers

Solution Providers

...
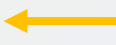
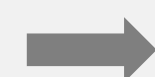# " There is nothing more deceptive than an obvious fact. "

— Arthur Conan Doyle

Data Space Economy faces hundreds of ideas, lab prototypes and solitary pieces, multi-layered and diverging stakeholder interests and complex geopolitical and legal questions.

Catena-X Mission and Purpose —

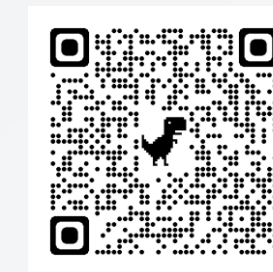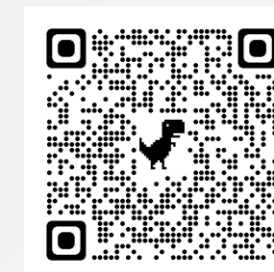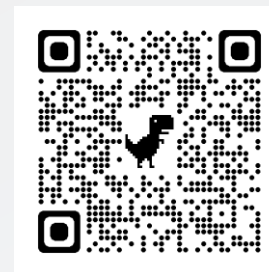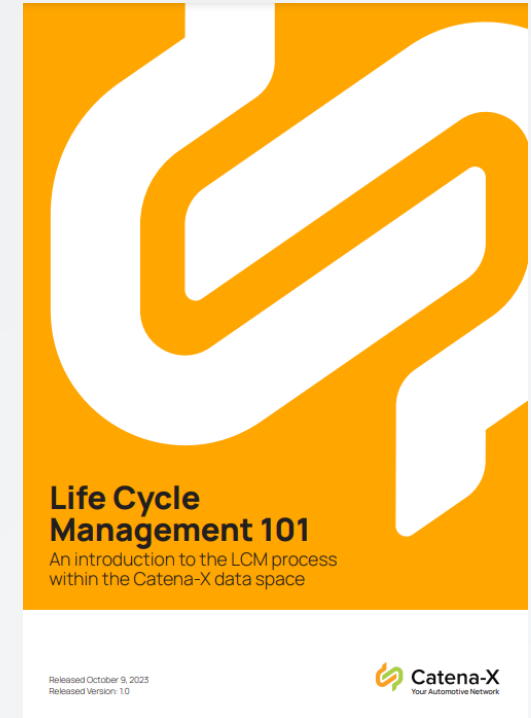Provide a **trusted, global and interoperable environment** for the industry, **to create and utilize data driven value chains** – to solve the toughest business problems – together.

CX Part II:
Operational Data Space Environment

Business Users
create value
… more to come

Sneak Peek
some of our initial data space participants and partners

Trusted ID
Trusted Data
Trusted Services
Trusted Governance

contribute / pay

offer certified solutions

Providers
… more to come

contribute

adopt CX

Data Space Governance

CX Part I:
Plan, Build & Govern

Business Solutions

Industry Core

Data Space Foundation

80x
Standards

4x
Legal / Policies, Operations & Governance

10x
- Solution KITs

Operating System
Conformity Assessment
Integration & Testing
Activation
….

This value creation is based on trusted and standardized interactions for all participants of the data space.

Catena-X Operating Model

Released October 16, 2023
Released Version: 2.1

Data Space Governance 101
Overarching principles and technology for a sovereign data space

Released October 9, 2023
Released Version: 1.2

Regulatory Framework 101
Mandatory requirements and trust building

Released October 9, 2023
Released Version: 1.0

Life Cycle Management 101
An introduction to the LCM process within the Catena-X data space

Released October 9, 2023
Released Version: 1.0

At the end it all boils down to the simple question:

Who is willing to contribute / pay for the entire setup, because we do solve a business problem.

TRUSTED SUSTAINABILITY

report Product Carbon Footprint (incl. primary data)

scale Circularity with Product & Battery Passports

Environmental & Social Governance

RESILIENT SUPPLY-CHAINS

Master Data Services & Certificates

ensure Material Flow with Demand / Capacity Mgt.

COMPLIANT & EFFICIENT PLM

Traceability of Parts & Contain non-compliant parts

live Quality Loops & Analysis

Behavior Twins

Our value chains are global & cross industry. Trust has to scale and create business value. We got to move faster as a team and lower our entry barriers. (Technological, Legal and Organizational)
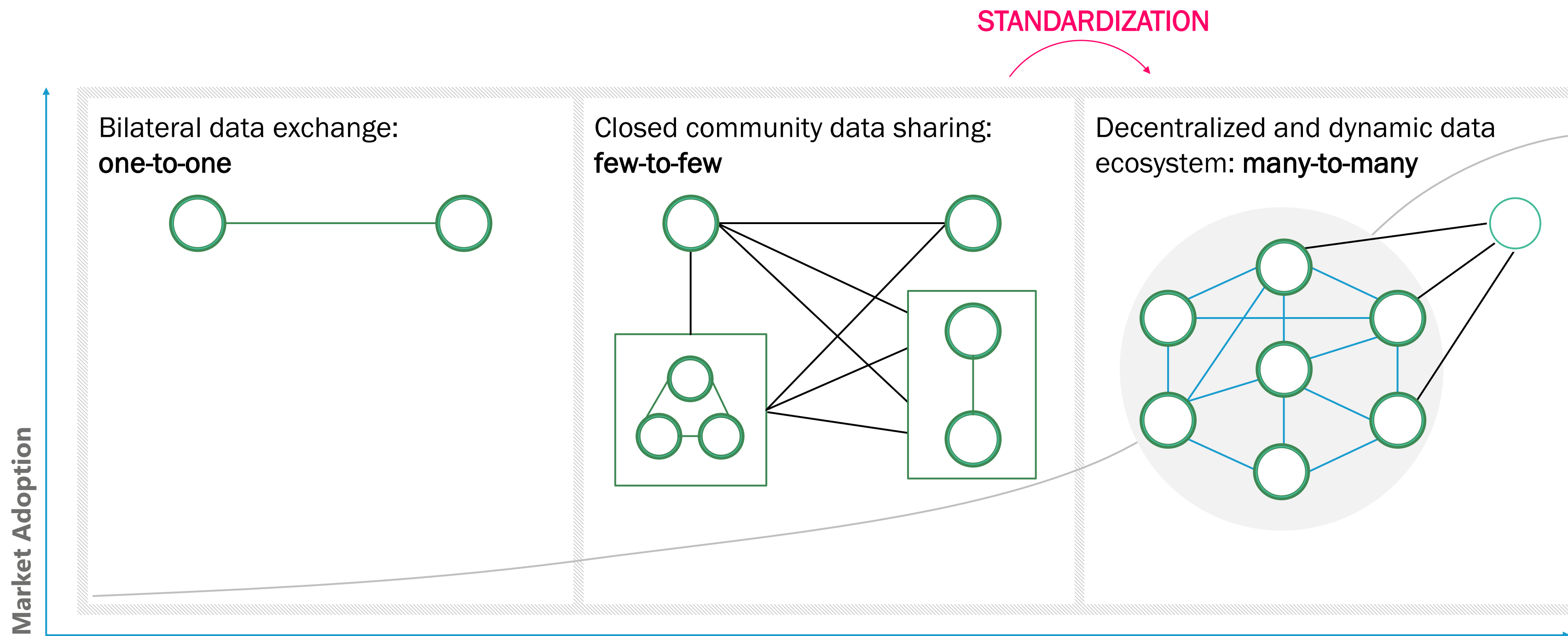
Catena-X Your Automotive Network | gaia-x

Catena-X Your Automotive Network & MX MANUFACTURING-X

... plus 170 global Catena-X e.V. automotive industry participants

Thank you!

[Oliver Ganser] [oliver.ganser@bmw.com]

The demand for Data Spaces

STANDARDIZATION

Bilateral data exchange:
one-to-one

Closed community data sharing:
few-to-few

Decentralized and dynamic data
ecosystem: **many-to-many**

Market Adoption

Source: Data Spaces Business Alliance

Gaia-X Mission

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MISSION

Creating the de facto standard aligned with EU values by developing a set of policies, rules, specifications and a verification framework
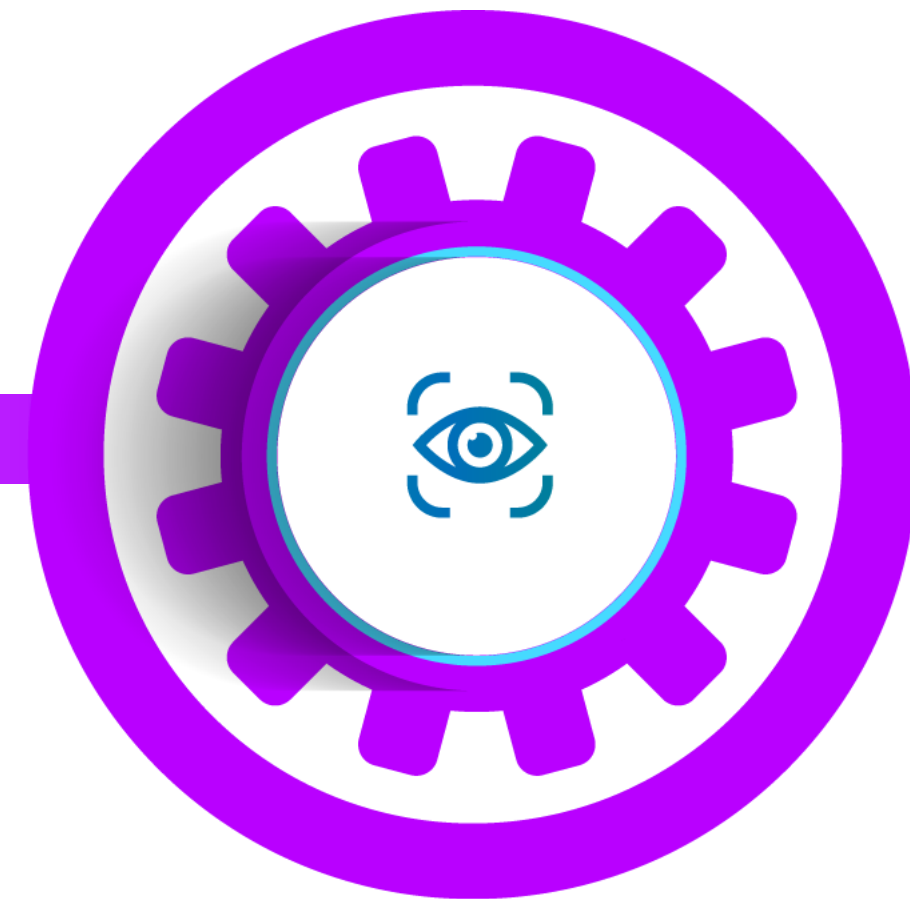
Gaia-X – Connect Disjoint Ecosystems

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

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

Data Exchange
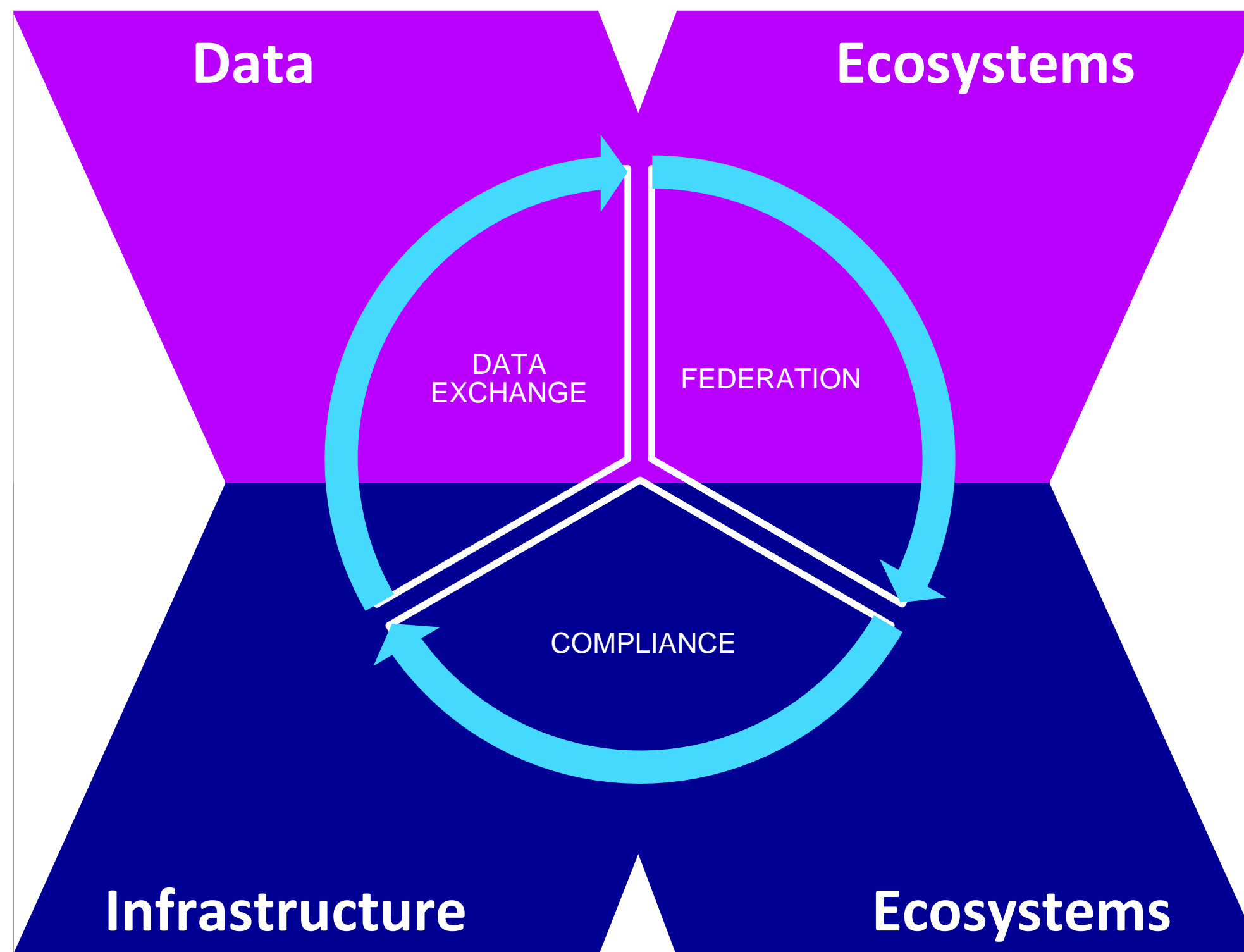Anchored contract rules for access and data usage.

Gaia-X Compliance
Decentralized 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

COMPLIANCE

Infrastructure

Ecosystems

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BDVA, FIWARE, GAIA-X und IDSA created the Data Spaces Business Alliance on September 23rd, 2021

- **One Architecture**

- **One Voice**
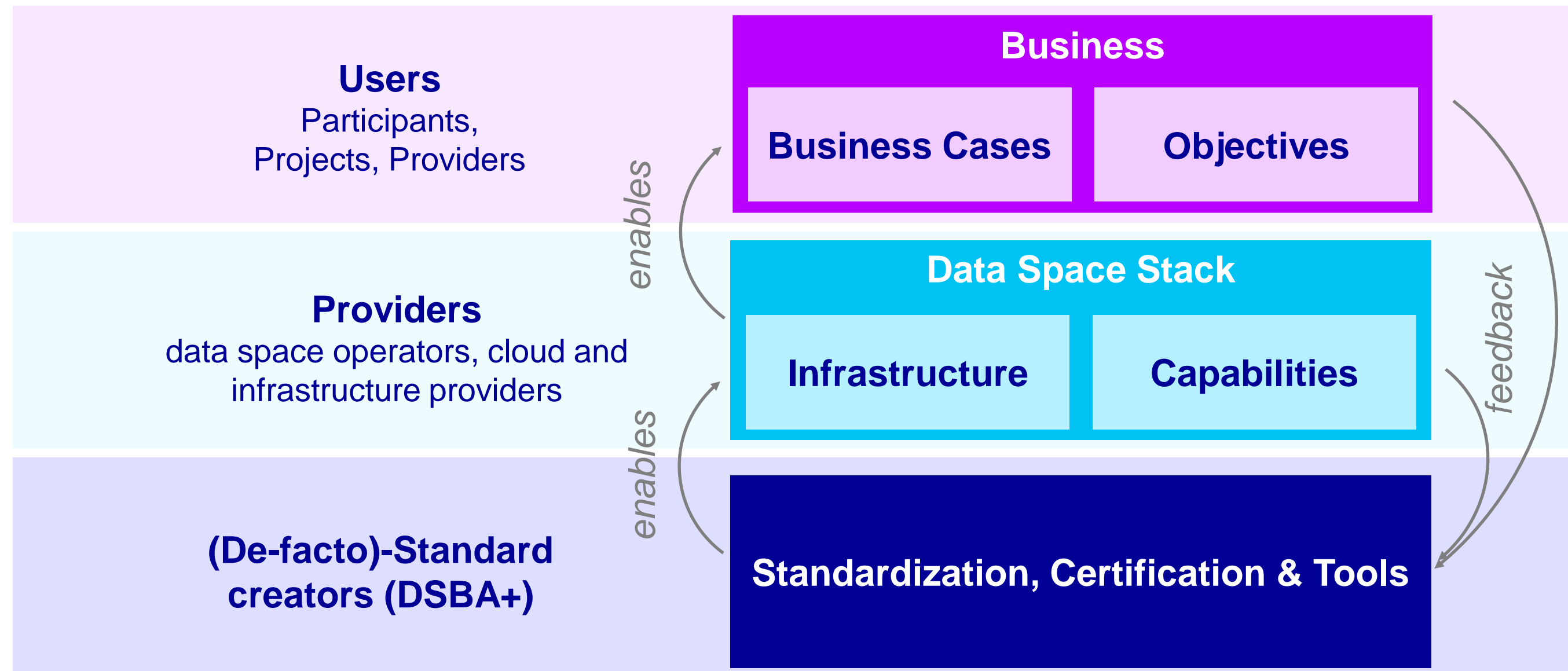
- **One hundred Hubs**

- **One thousand Members**

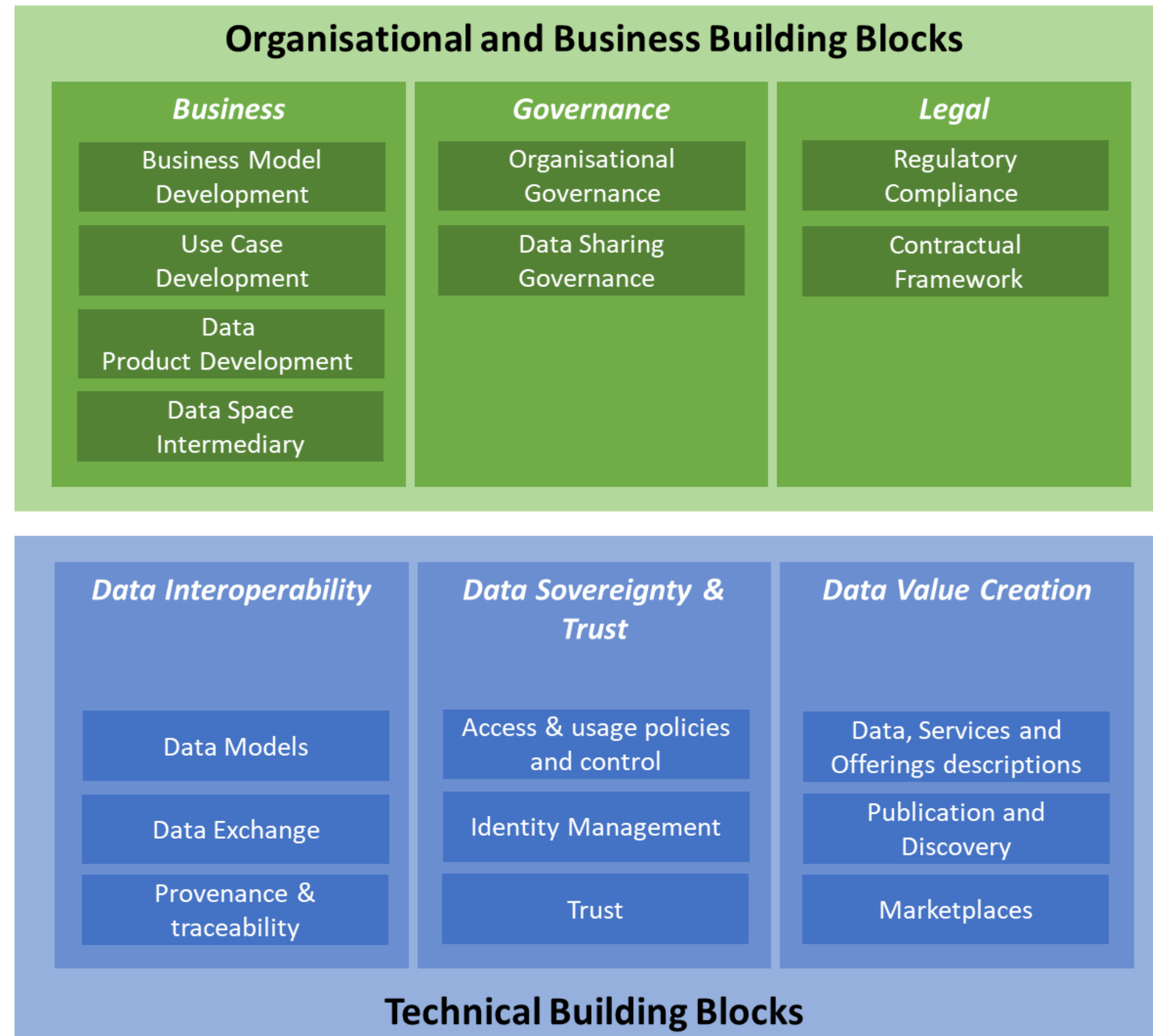**Data Spaces Business Alliance**
Unleashing the Data Economy

Dataspace Layer Model –
Decoupling business model from stack

Dataspace Stack Capabilities

Organisational and Business Building Blocks

Business	Governance	Legal
Business Model Development	Organisational Governance	Regulatory Compliance
Use Case Development	Data Sharing Governance	Contractual Framework
Data Product Development		
Data Space Intermediary		

Data Interoperability	Data Sovereignty & Trust	Data Value Creation
Data Models	Access & usage policies and control	Data, Services and Offerings descriptions
Data Exchange	Identity Management	Publication and Discovery
Provenance & traceability	Trust	Marketplaces

Technical Building Blocks

Source:
Data Spaces Support Centre
Blueprint 0.5

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The Gaia-X Strategic Plan in a nutshell

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1 Enduser adoption strategy

- Increase number of references stories to enable the community in reference selling
- Policy makers 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

2 Market readiness of the technology

- 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 session using Gaia-X de-facto standards to demonstrate how Data Spaces based on a federated Cloud infrastructure can be realized
- Validate 'Powered by Gaia-X'

3 Globalization strategy

- 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 the awareness about Gaia-X
- Foster analyst relations to increase global awareness

4 Growth of the Gaia-X ecosystem

- Demonstrate benefits for existing members
- Provide added values for organizations to join Gaia-X
  - 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

Summit23 Agenda

Build Transparency & Trust with the Gaia-X Digital Clearing House ☑

- Navigate the Operational Clearing House

- Preview Upcoming Developments

- Learn how to Set Up a GXDCH

Demonstrate Market Adoption 🔄

- Manufacturing-X & Industry-Specific Initiatives Driving Digital Future in Europe and globally

- Gaia-X Lighthouses talk about their Go Live plans

- Gaia-X Global Strategy

Showcase Political Commitment from Europe & EU 📢

- Politician panel supporting and advocating for the Gaia-X initiative in Europe

- DSBA, DSSC & Gaia-X: Unite, Innovate & Adopt a Joined Framework for Data Spaces

- Delivering on the European Data Strategy: The contribution of Gaia-X

Networking & Expo Area

- Organised Guided Tours to Gaia-X Community, Lighthouses and GXDCH booths

Live Q&A with our Management & BoD Chairwoman 📢

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Thank you!

Ulrich Ahle, CEO, ulrich.ahle@gaia-X.eu

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