

Gaia-X | Accelerating sovereign, data driven ecosystems


Energy Data-X Kick-Off, October 18th 2023

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What is Gaia-X




What we are

 **Gaia-X is**

- > A single point of definition of Gaia-X architecture & rules
- > Making available an open implementation to all
- > A qualification authority for Gaia-X compliance

 **Gaia-X Is Not**

- > A formal standardization body
- > A SW or HW product or cloud platform
- > A runtime implementation of any Gaia-X service

 **Gaia-X vs AISBL**

- > Gaia-X project is driven by the Association
- > Gaia-X architecture is developed by members
- > Gaia-X services will not be operated by the Association

What we do

 **Specify**

Specs

 **Develop**

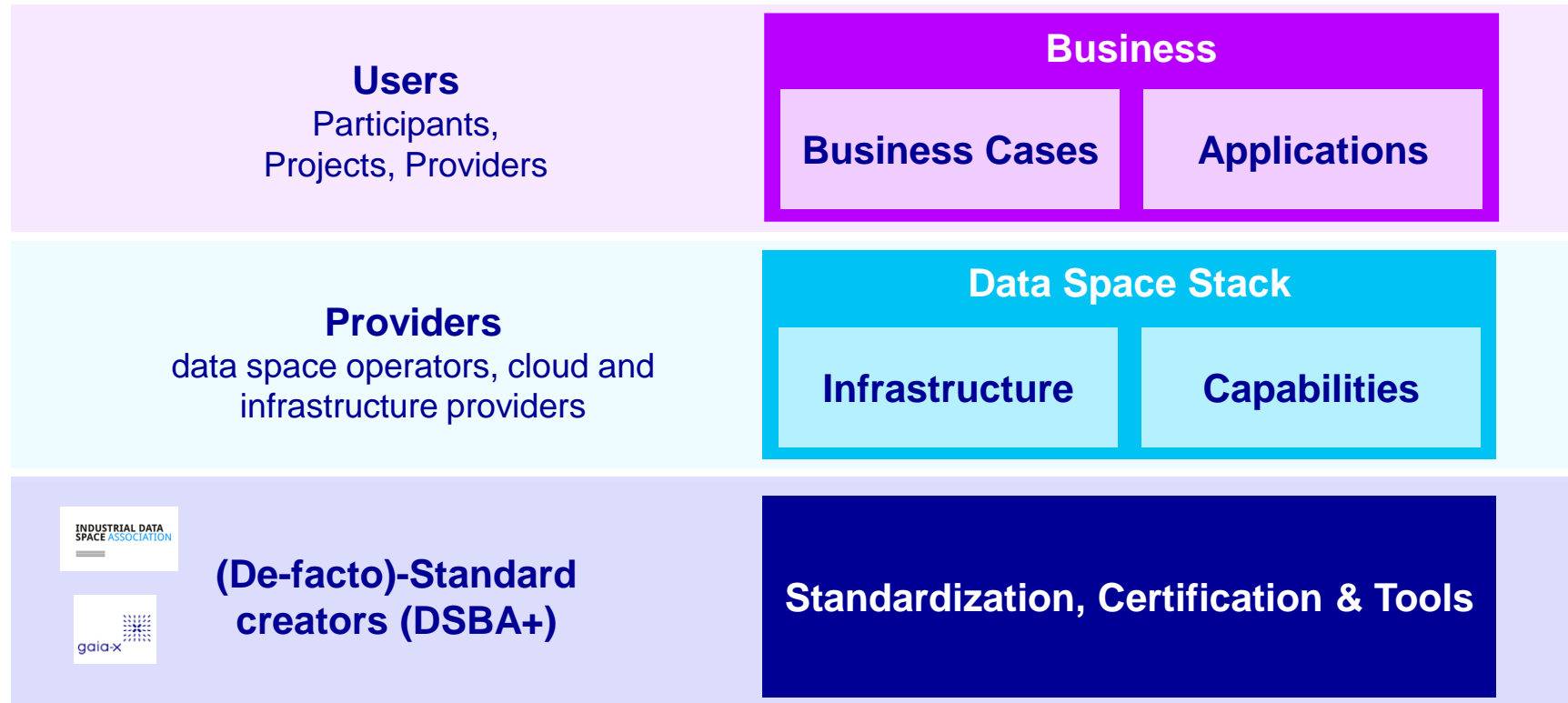
Code

 **Qualify**

Labels

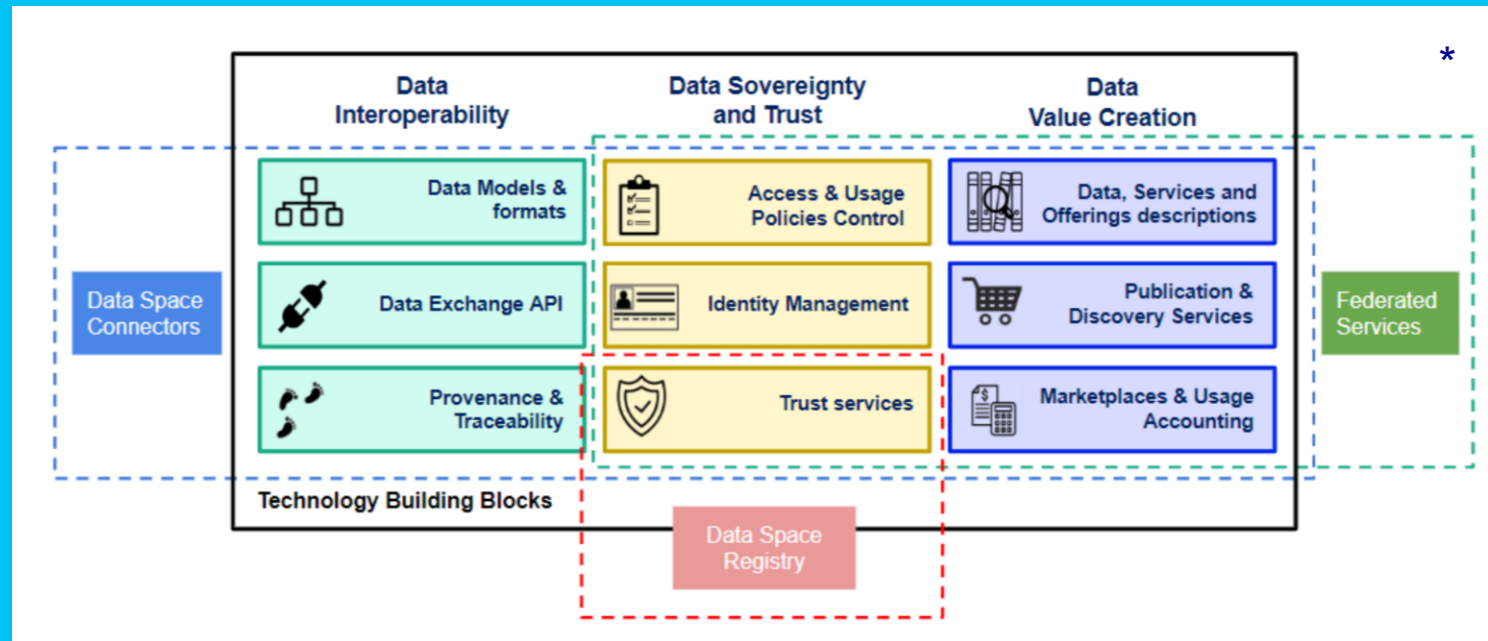
AISBL is an independent single point of truth in the determination of a Gaia-X compliancy, but the Association itself will not host or run directly any service. Qualification and compliance will be verified through decentralized mechanisms of digital trust and consensus distributed across the network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

Dataspace Layer Model

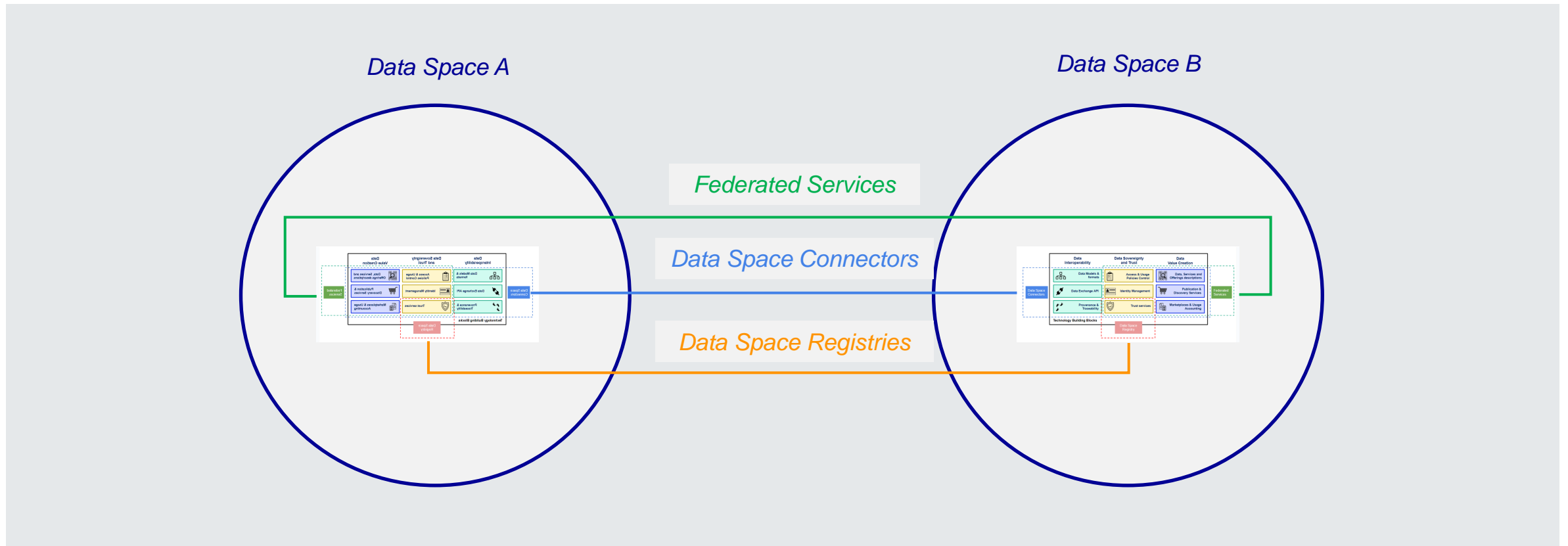


“decouple
business model
from stack”

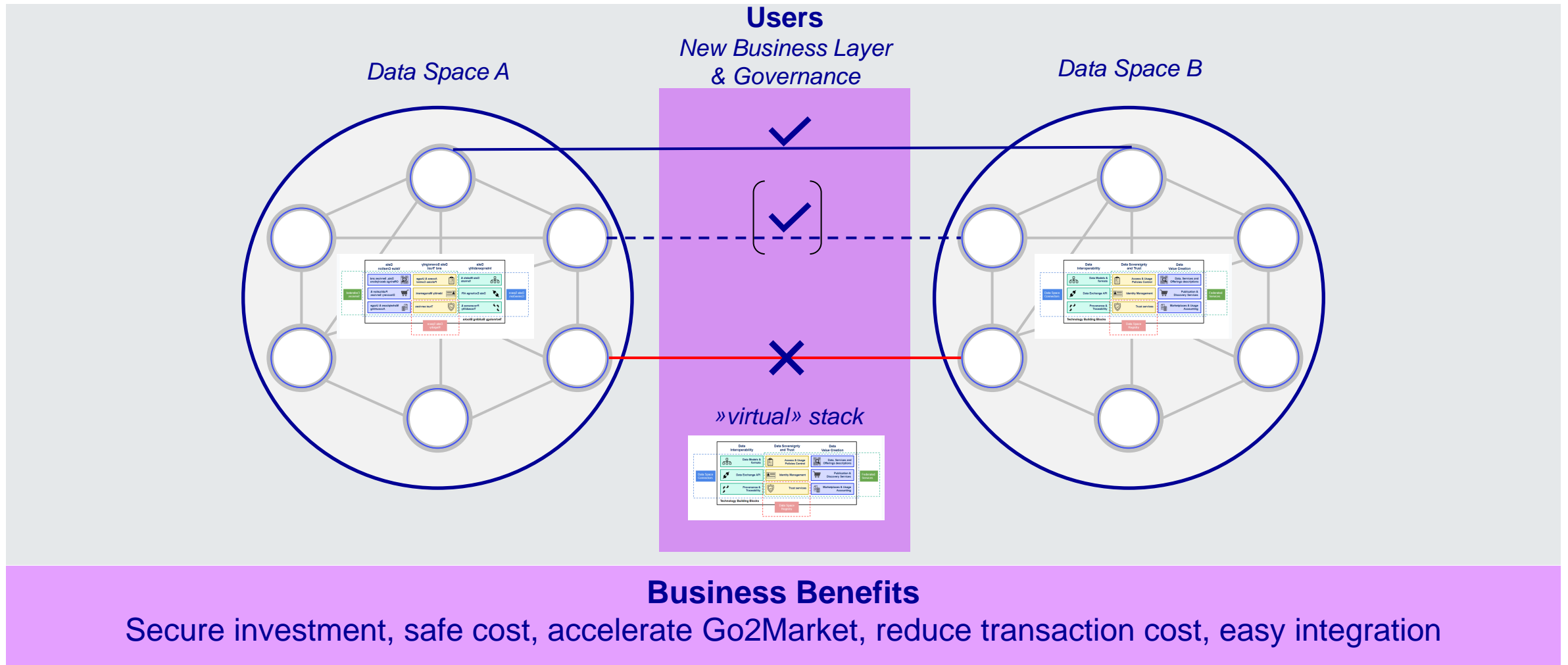
Dataspace Stack Capabilities



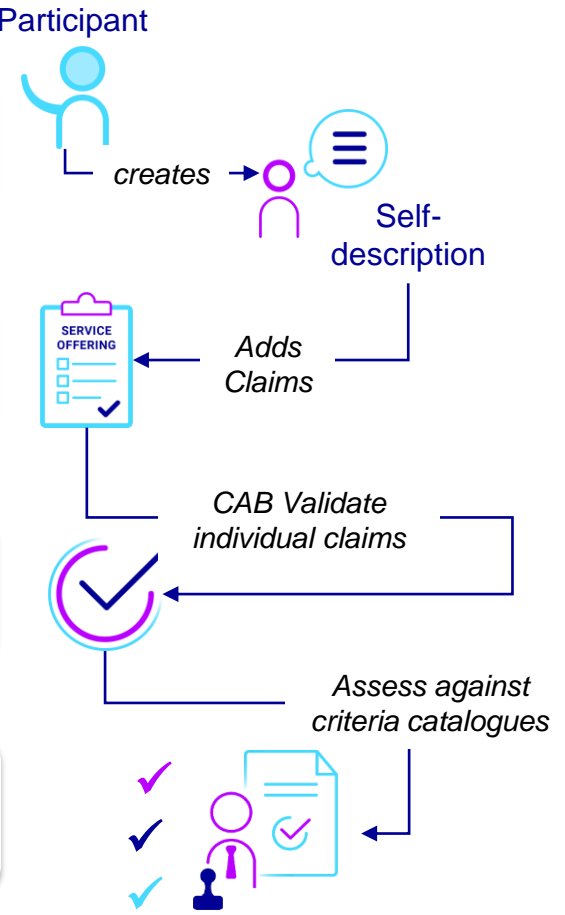
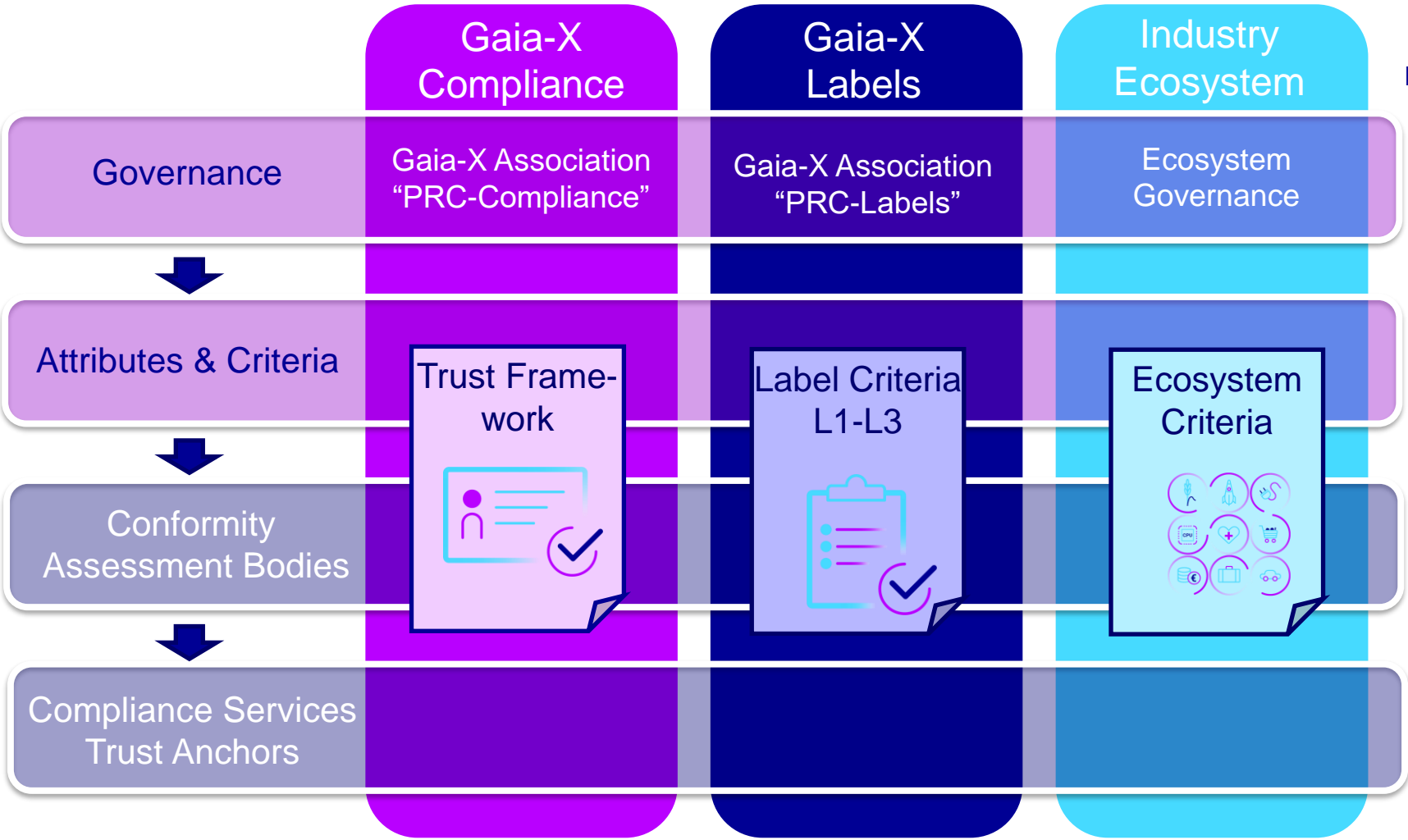
Connecting Dataspaces with the Layer Model



Selective Data Usage Enablement between Dataspaces



Gaia-X Compliance - Enable Trust & Governance



Gaia-X Digital Clearing House



GXDCH Components*



Gaia-X Registry (compulsory)



Gaia-X Compliance (compulsory)



Wizard (optional)



Catalogue (optional)



- A GXDCH* is a **node of verification** of the Gaia-X rules
- It is the place to go to **obtain Gaia-X compliance** and become part of the **Gaia-X ecosystem**
- There are **multiple nodes** operated **by service providers**, acting as Federators
- The GXDCH services are under **Gaia-X AISBL governance**
- Operating a GXDCH is **open** to all service providers, who comply to the GXDCH operations rules**

* Current list, may expand in future releases

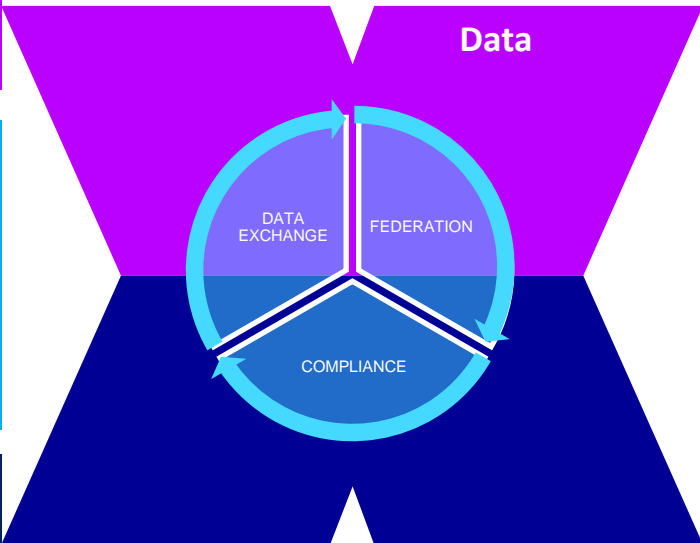
Preview - Gaia-X Summit 2023



Third
Accelerate your
business with
automated Data
Exchange Policies

First
user experience:
"How to get started"

Second:
SME's game
changer: Easily
advertise your
services and data in
the Gaia-X catalogs



Let's make data sovereignty real!

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