EUROPEAN BIG DATA VALUE FORUM
2-4 OCT | BUDAPEST - HUNGARY

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#EBDVF24

Track

Leveraging Standards to Foster Trust and Interoperability in Data Spaces

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Thursday Oct 3, 2024

ORGANISED BY
BDV BIG DATA VALUE ASSOCIATION

IN COLLABORATION WITH
European Commission
ELTE EÖTVÖS LORÁND UNIVERSITY
IDEAL-IST
NTP Neumann Technology Platform
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Dawex at a glance: a European scale-up recognized worldwide for its expertise and achievements in data exchange

Company profile

Founded in 2015

Offices: Paris, Lyon, Montreal, Tokyo

Global reach

- France & Europe
- Japan (2nd largest market)
- North America
- Middle East

Recognized as a pioneer and innovator

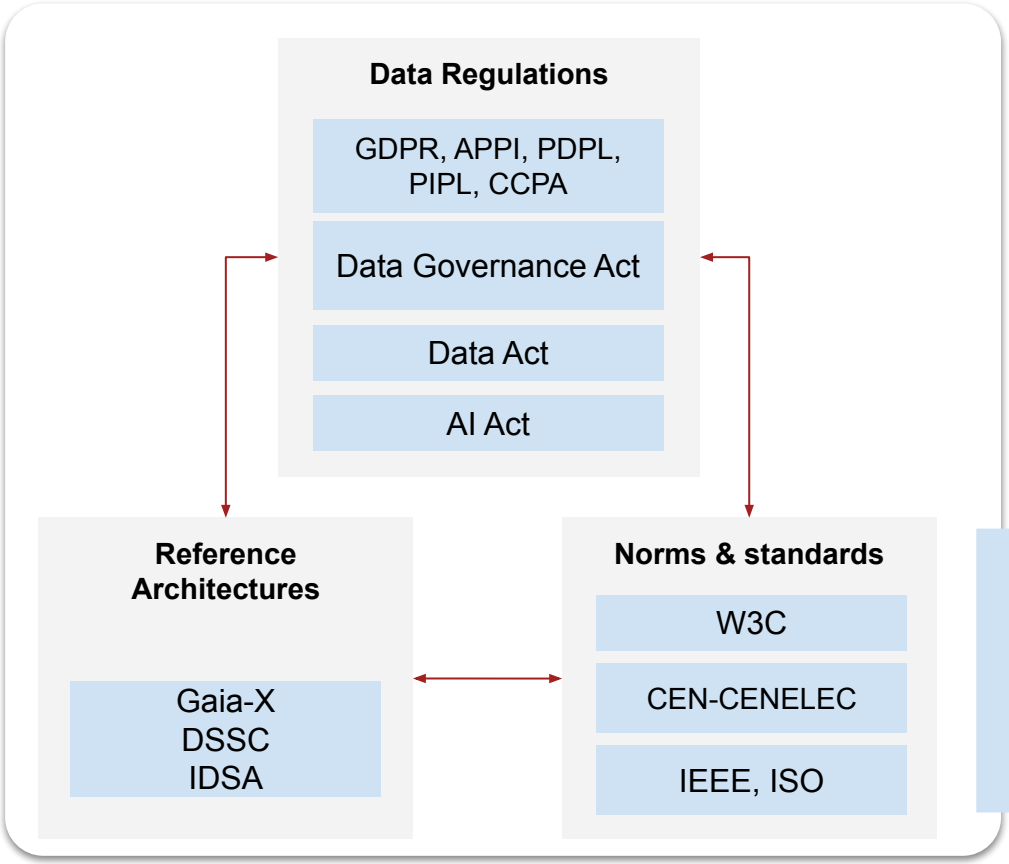
- **11 awards & recognitions** US, EU, ME
- **Tech Pioneer** at the World Economic Forum
- Speaker in **Davos**
- **Speaker at G7 Summit** and other global events
- **Data Expert Group** member at the **UN**
- **Leads Gaia-X Data Exchange** Working Group

Customer references

in more than
15 strategic sectors

Retail, Airports, Infrastructure, Geospatial, Automotive, Mobility, Real Estate, Trading, Culture, Energy, Agriculture, Food, Tourism, Manufacturing, Smart cities, Banking

Regulations, reference architectures and standards have emerged quickly in the 2020's, paving the way for generalized data exchanges



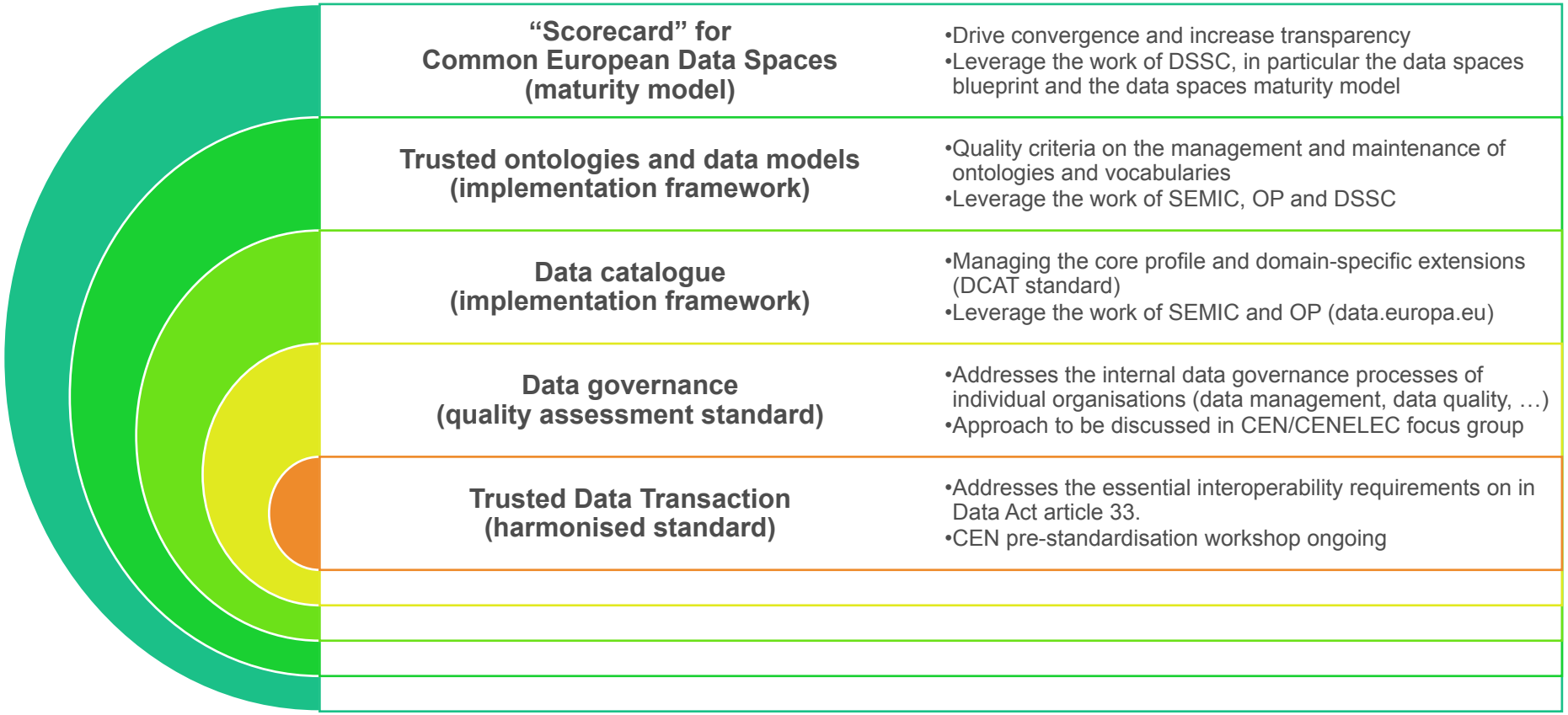
Three powerful levers to:

- Create **trust in data spaces** and **data ecosystems**
- Facilitate **interoperability**
- Ensure the highest level of **security** and **privacy** as well as **sovereignty** to all stakeholders

TRUSTED
DATA
TRANSACTION

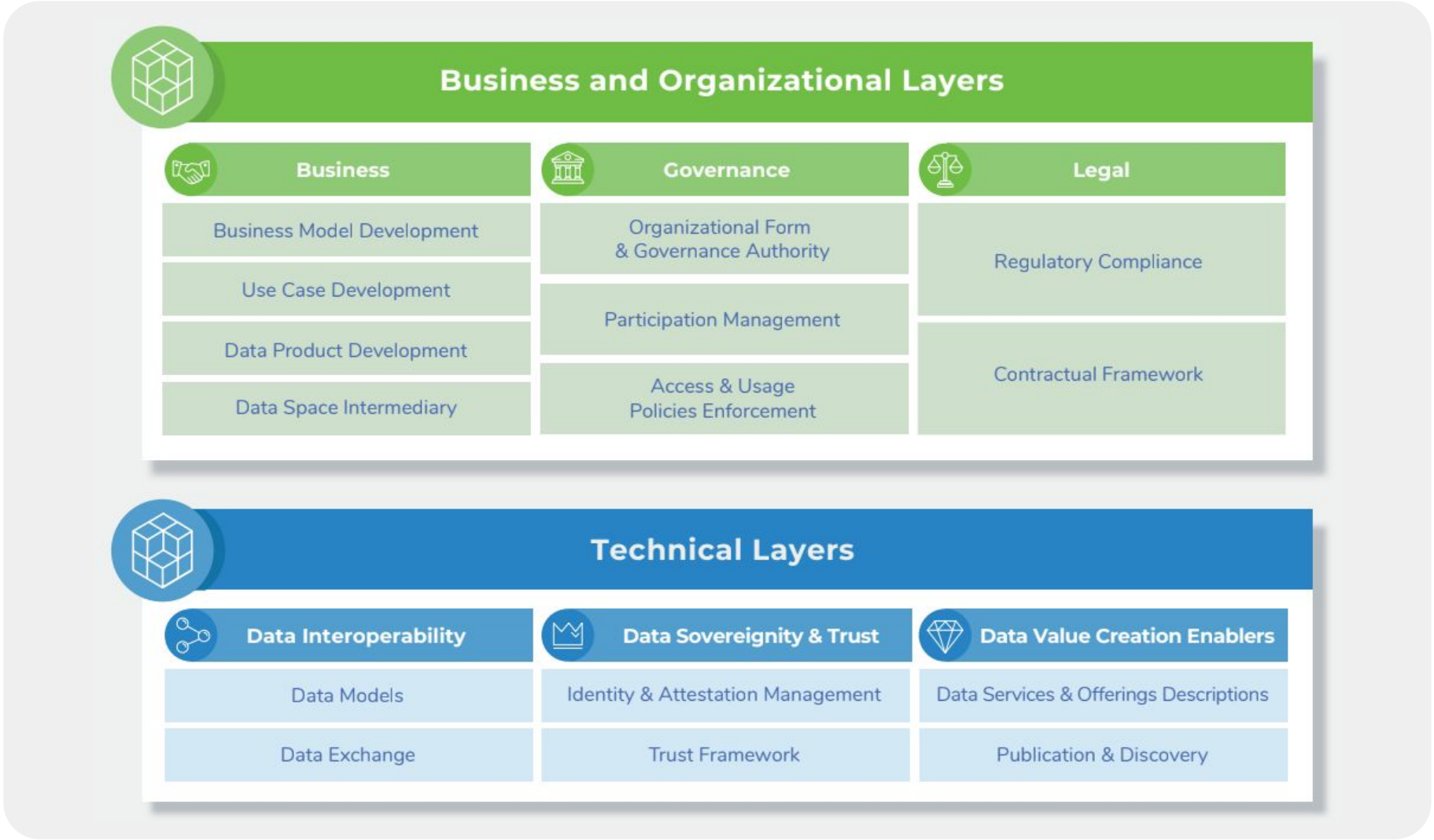
Standardisation request
European Trusted Data Framework

Includes the following 5 standards / standardisation deliverables:

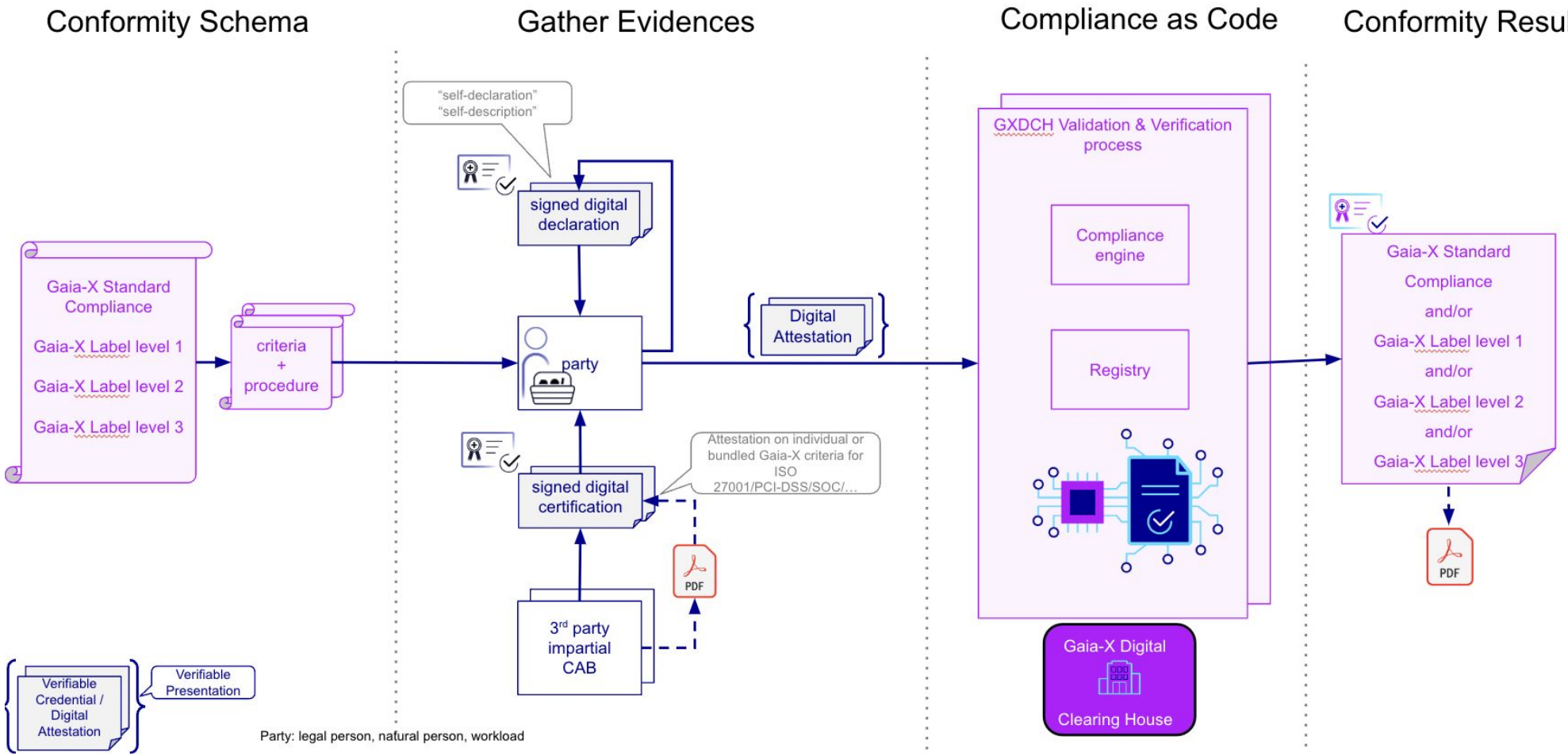


DSSC Blueprint

DATA SPACES SUPPORT CENTRE

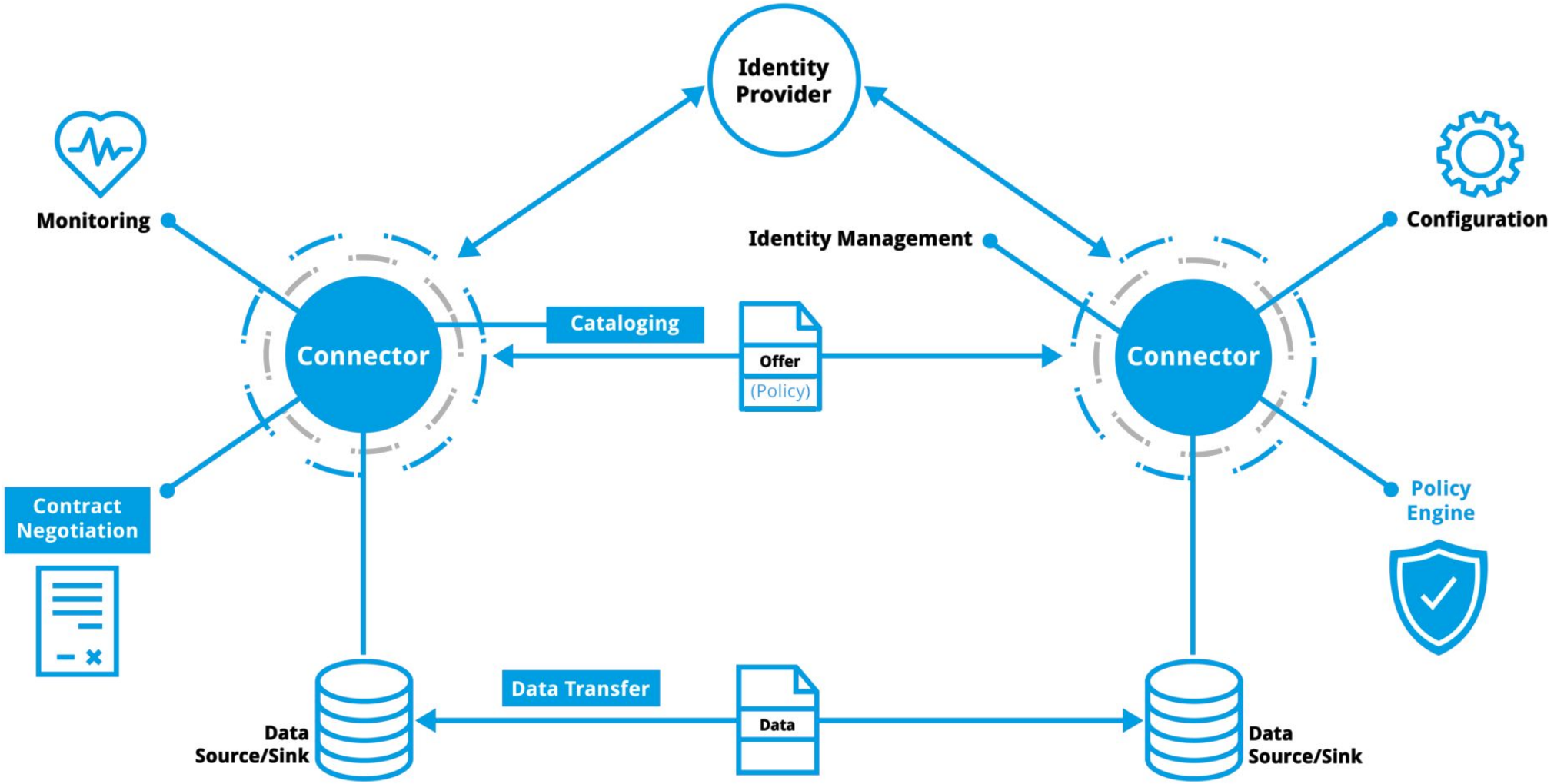


The Gaia-X Trust Framework



Data Space Protocol

INTERNATIONAL DATA SPACES ASSOCIATION



CEN pre-standardisation of Trusted Data Transaction due early 2025, will align market players beyond regulations

Pre-Standardization workshop

Fraunhofer ISST · TNO · DAWEX data exchange technology · European Commission DG Connect · INTERNATIONAL DATA SPACES ASSOCIATION · gaia-x · BDV BIG DATA VALUE ASSOCIATION · Hub One Digital Technologies · Microsoft · agdatahub · FIWARE FOUNDATION · SQS · Connekt

New participants join for Part 2, including

EDF · AIRBUS · VISIONS

Objectives

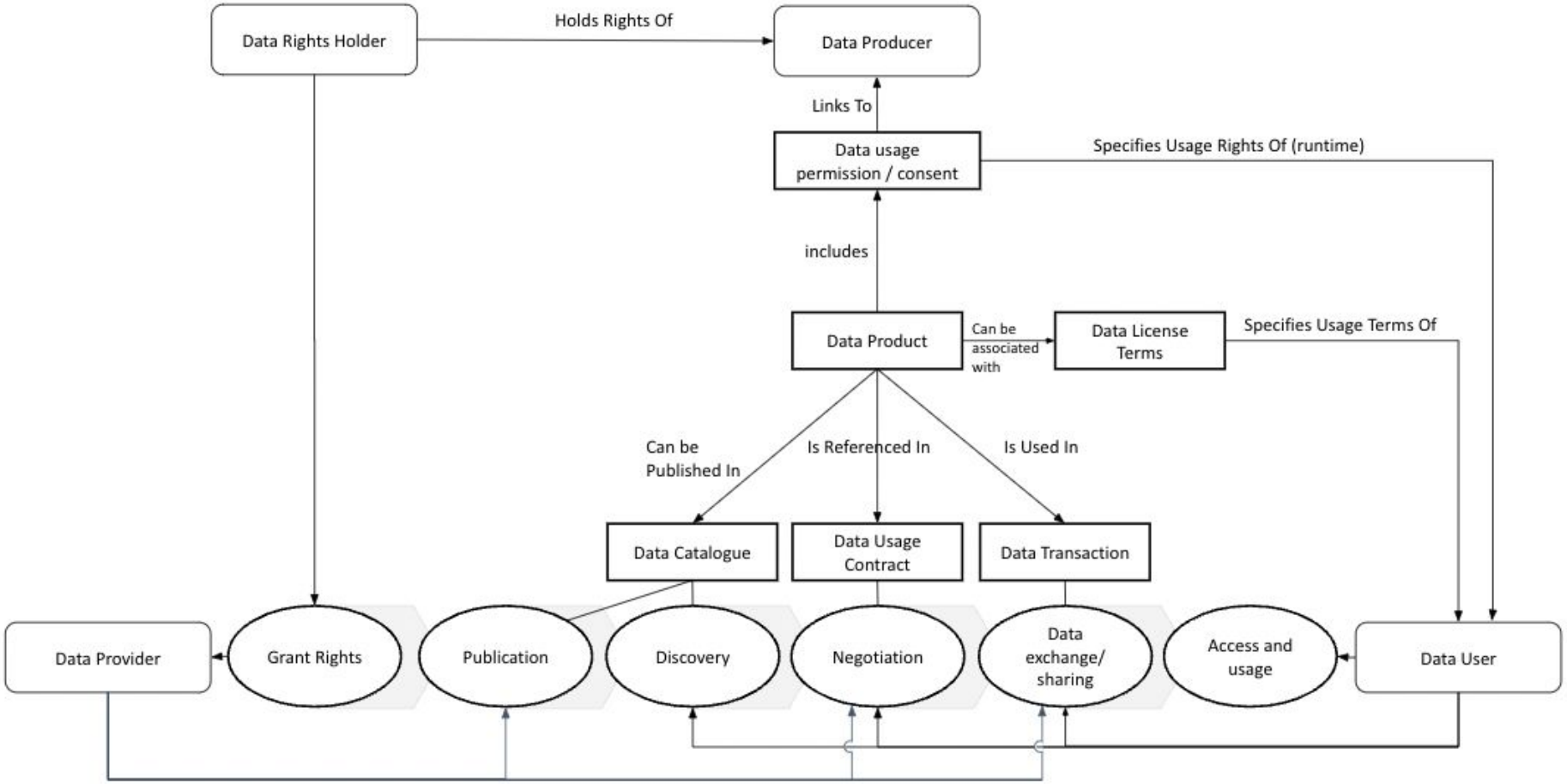
Prepare for and accelerate the **creation of a Harmonized standard on Trusted Data Transaction**

Deliverable: CEN Workshop Agreement (CWA)

- **Part 1:** Scope, terminology, concepts & mechanisms
- **Started mid 2023 - Agreement reached**
- **CWA Part 1 Published** on CEN-CENELEC website. **Available for download** (free)

- **Part 2:** Characteristics of trust & Criteria to measure it
- **Ongoing**
- **Deliverable expected early 2025**

Key concepts of Data Transaction defined in Part 1 is guiding the work on the trustworthiness characteristics and criteria to measure it



- **Key terms defined**
- **Key stakeholders and roles defined**
- **Key activities defined**

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Thank you!

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