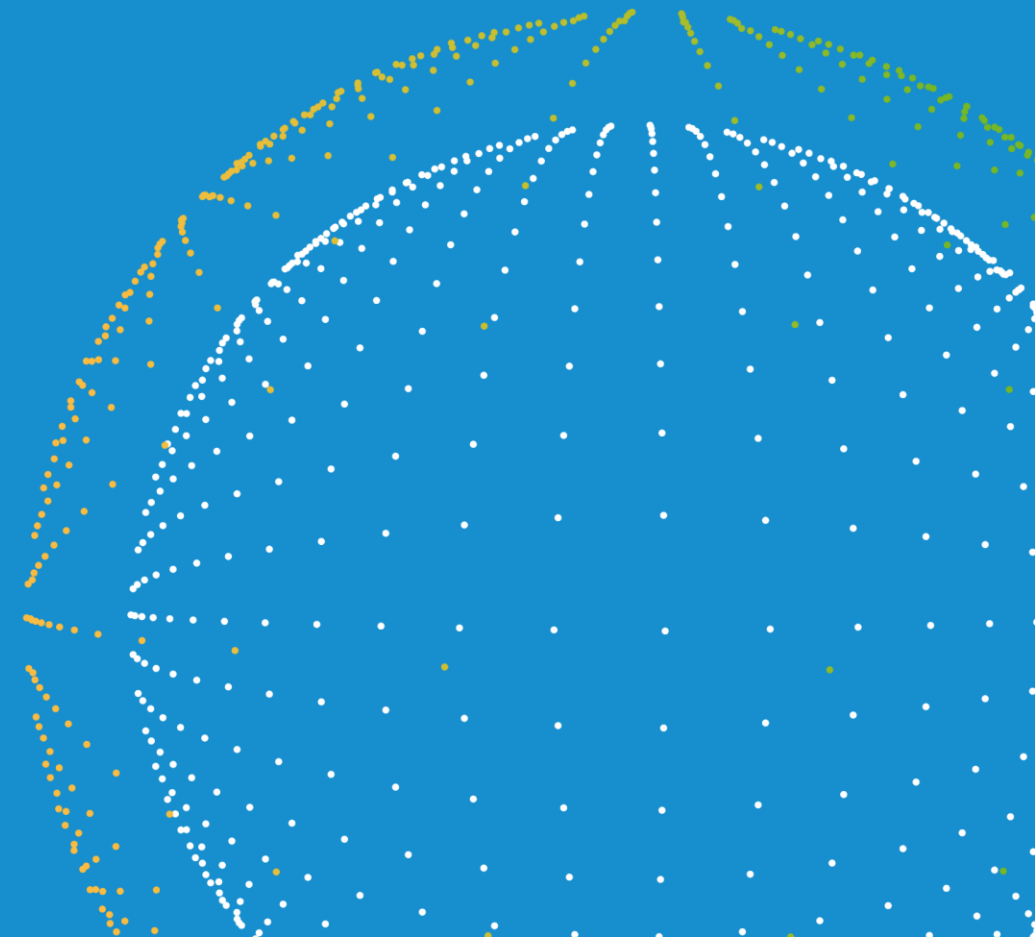# Data Spaces Symposium
Unite. Innovate. Adopt.

12 March 2024

Data Spaces Discovery Day

INTERNATIONAL DATA
SPACES ASSOCIATION

Sign up for our exhibition tour!

Discover exhibitors' efforts to bring data spaces to life!

Tour 1 & 2 | 3:00 pm

Tour 3 & 4 | 3:45 pm

Meeting point is room SPECTRUM

A holistic approach to bring data spaces to global scale

IDSA on its way to a global standard

Global Standardization

Aligning architectures, market proliferation and thought leadership on data spaces

Fostering market adoption: Increasing readiness level and extensive use of IDS concepts

| **IDSA Rulebook** for holistic governance view | **Reference Architecture** as technology-agnostic framework on conceptual model | **Dataspace Protocol** as detailed specification and essence for interoperability | **Certification** for reliable, industry grade components | **Diverse landscape** of usable components and **radar** as orientation for ecosystem building and future investments | **Running Data Spaces** as impressive impact stories |

IDSA History of Core Assets

IDSA on its way to a global standard

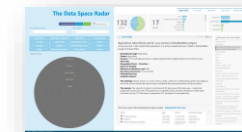| 2016	2017/18	2019	2021	2023	2023
RAM and Certification in V1	RAM V2 and V3	IDSA Rulebook	Data Spaces Radar & RAM 4	Reports such as Connector Report	Dataspace Protocol and Standardization

IDSA Assets – From Theory to Practice

How we change the way data is shared

IDSA Rulebook

Reference Architecture

Dataspace Protocol and Standardization

Certification

Reports such as Connector Report

Data Spaces Radar

IDSA Hubs

Theory

Practice
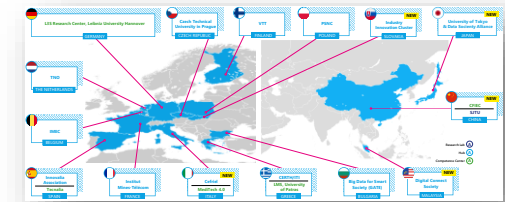
The Scale of Effort

Where shall I start my dataspace journey?

Trainings

Rocket Science

Piece of Cake
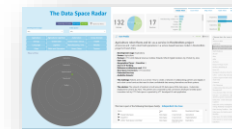
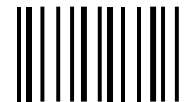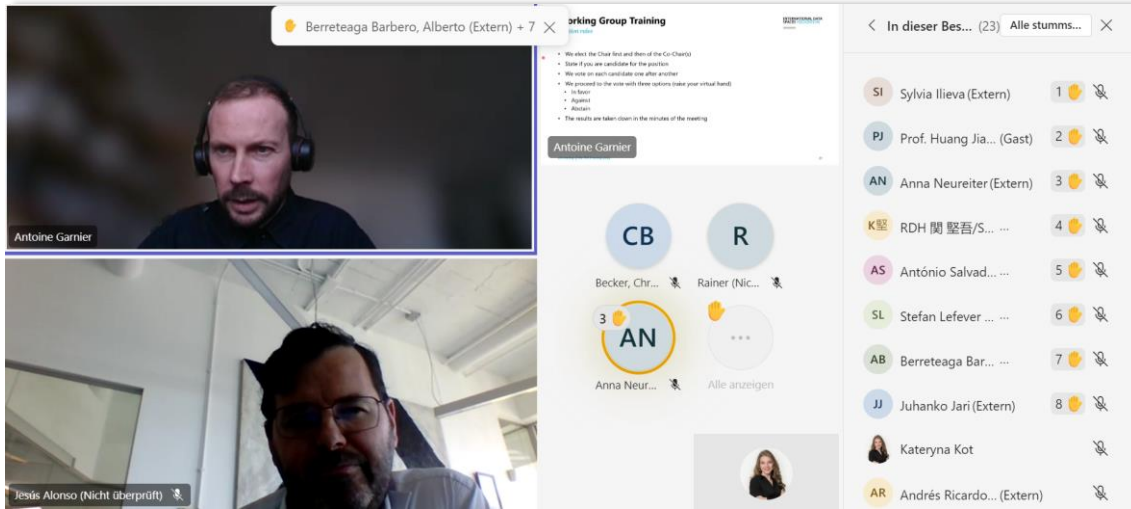*RAM*　　*Rulebook*　　*Certification*　　*DS Protocol*　　*Reports*　　*Open Source*　　*Examples and Real Data Spaces*　　*Ready to use solutions for Industry*

Kick-off of the WG Training

March 06, 2024

» The Working Group training kick-off: With over **35 participants**, IDSA eagerly anticipates achieving all goals together with its members.

» **Antoine Garnier** presented an overview of the **Professional Certification Programme**, including a live poll gauging interest in becoming a training provider.

» Jesús Alonso introduced the **Data Spaces Body of Knowledge** (DSBoK) and discussed structured syllabi for certification roles. There was an update on the status of the DSBoK, emphasizing the importance of obtaining a Creative Commons BY license for reuse. Plans were outlined for document approval and timeline for **version 1.0 release**.

» **Jesús Alonso** was elected as a chair of the WG, and **Christoph Becker** as a co-chair.

» Next meeting is planned for **June 2024**

» Join us by contacting

Antoine Garnier *antoine.garnier@internationaldataspaces.org*
Kateryna Kot *kateryna.kot@internationaldataspaces.org*
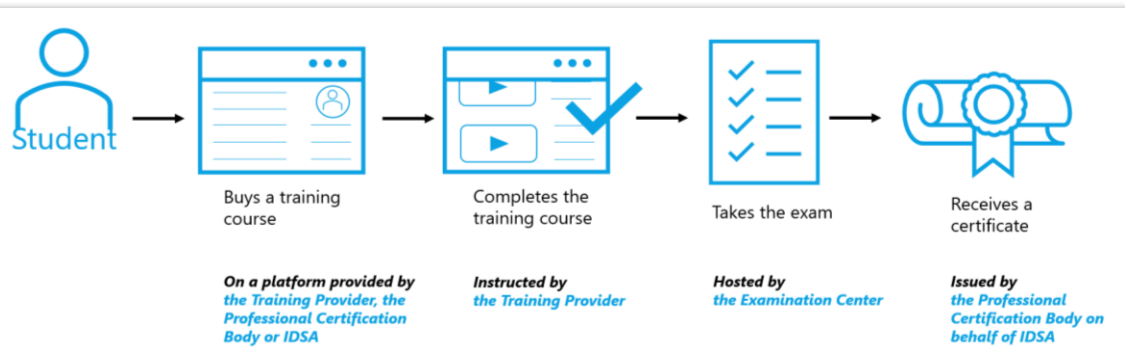
Professional Training Programme

Watch the master to be the master

» IDSA is developing of a **Professional Certification Programme** about data spaces based on its framework.

» Underpinning the Programme, is the **Data Spaces Body of Knowledge (DSBOK)** laying down essential information to develop trainings.

» It describes first professional certifications to be part of the Programme:

  » **Data Spaces Fundamentals**

  » **Data Spaces Business Consultant**

  » **Data Spaces Technical Consultant**

» The development and the maintenance of the DSBOK occurs in the **Working Group Training** (WG Training).

» This collaborative endeavour results from the **Association joint experience**.
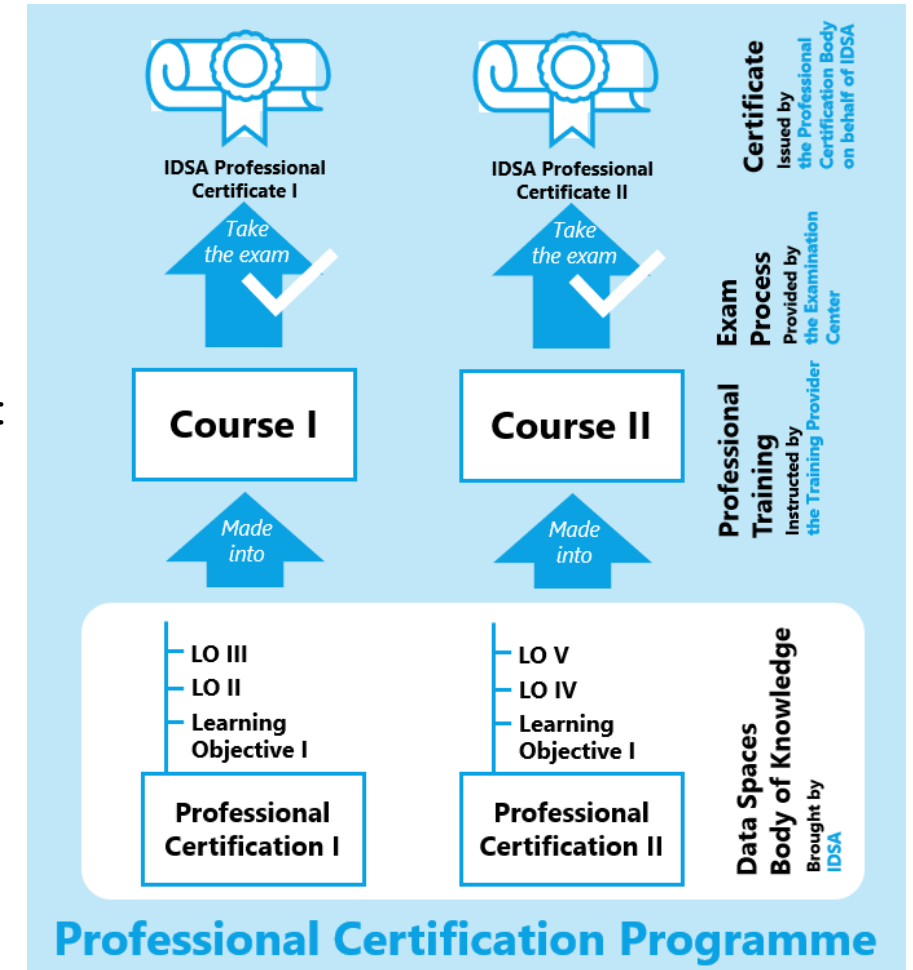
Let's create the next IDS-RAM together!

All IDSA members are invited

INTERNATIONAL DATA SPACES ASSOCIATION

How topics for RAM 5

- Decentralized approaches
- Trust frameworks
- Usage control
- Interoperability
- Information model
- Data value creation
- Data governance
- Certification
- Relation to other DS initiatives
- Anything dataspace!

We need!

- **Dataspace enthusiasts** with overall concepts

- **Market savvy** for business and functional layers

- **Technical experts** (Systems design, software architects, etc.) for process, system and information layers

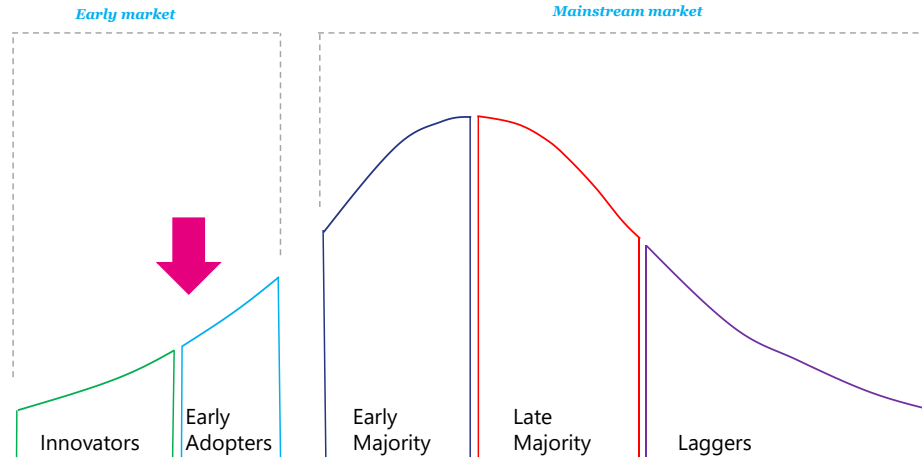- **Artistic eyes** for visuals

How you can support

- **Discuss** in workshops

- Help **write content**

- Create **Diagrams**

- **Lead** a section

https://forms.office.com/e/sP4PztkiCE

IDS concepts as baseline for data spaces

Data spaces in multiple sector use IDS principles as blueprint

Early market   *Mainstream market*

Innovators — Early Adopters — Early Majority — Late Majority — Laggers

- Catena-X
- MDS
- SCSN
- DATA-EX

- Manufacturing-X
- Health Data Space
- ERJU-Rail Data Space
- Resilience Data Space
- Eona-X
- Media Data Space (DEP – now TEMS)
- Manufacturing Data Space (DEP)
- Kultur Datenraum
- AgDataHub
- Skills Data Space (DEP)

- More CSAs and Deployment actions
- SIMPL

- Shanghai Data Exchange
- Other Chinese Endeavours

- More – see Radar

Many players

Require collaboration to build Data Spaces

Market	**Differentiation in the market**
	Collaboration to build a common set of services in Open-Source
Not-for-Profit Organization (IDSA)	Reference Architecture Model Maintenance · Certification Scheme Maintenance · Certification · Rulebook Maintenance · Requirements Management · Standardization Activities · Knowledge Transfer · Internationalization · Platform for Domain-Specific Activities …
Research	Reference Architecture Model (RAM, initial version) · Prototype Implementation in Use-Cases · Basic Versions IDS Components · Knowledge Transfer (Research Delivery and Support Center) · Technology Innovation (Usage Control, Trusted Connector etc.) Support of Standardization Activities · …

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