

# FAIR Data Spaces Final Event

Activities in API

Roadmapping and Community Building

Katja Kornetzky, Scientific Advisor, NFDI



# Agenda

- Roadmapping
- Community Building:
  - Communication infrastructure
  - Toolkit
  - FAIR Data Spaces at Events and Trade Fairs
  - Workshops
  - General networking
- Outcome

# Roadmapping

Goal: Create a data space combining industry and research, adhering to FAIR principles.

- Assessment of existing entities
  - NFDI4Biodiversity: [denBi Cloud](#)
  - NFDI4Health: [Personal Health Train](#)
- Meetings with Gaia-X
  - Implementation Forums
- Gaia-X Hub Germany
  - Regular exchange about applications
- [“Themenlandkarte”](#) (containing specifications and used services)



# Community Building

- Corporate Identity
- Website
- [Zenodo community](#)
- [Newsletter](#)
- Mailing-List
  - 396 members
- LinkedIn Account
  - 382 followers
- [Podcasts](#): 5 Episodes (runs until 2025)



**FAIR Data Spaces**

A Data Space for Research and Industry

<https://www.nfdi.de/fair-data-spaces/>



# Toolkit

- Poster
- Presentations
- Flyers
- Boxes

## A common cloud-based data space for science and industry

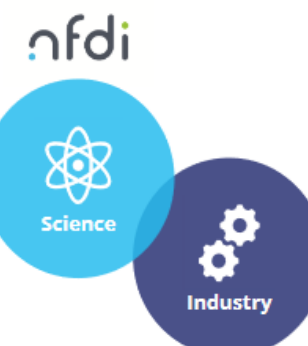
### FAIR Data Spaces at a glance

- Joint project of **16 participating institutions**
- About **100 participating persons** within Germany
- Scope of **3+ years** (2021-2024)
- Funded by the Federal Ministry of Education and Research (BMBF)
- Coordinated by Fraunhofer FIT and NFDI

### Developing framework conditions



- Building a community by
- Creating a common vision and roadmap with common goals
- Balancing the different interests of industry and research
- Communicating project goals to consortia and Gaia-X



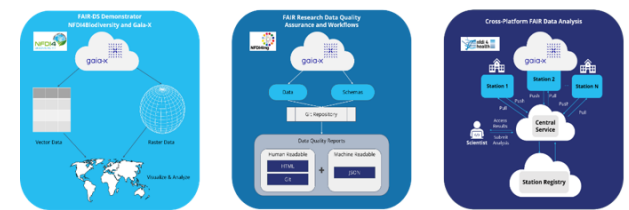
### FAIR Data Spaces A Data Space for Research and Industry

Project FAIR Data Spaces provides a common, cloud-based data space for **industry and research** in compliance with **FAIR Principles**.

The project establishes a roadmap for the collaboration between the European Gaia-X federated and secure data infrastructure and the National Research Data Infrastructure (NFDI), clarifies the ethical and legal framework for data exchange between research and industry, establishes a common technical foundation and demonstrates the use of Gaia-X technology for providing and using research data along the FAIR Principles in different fields of science and business sectors.

**FAIR Data Spaces demonstrators** show real use cases in Biology, Geosciences, Health and Data Science.

- Interlinking science and industry domains by
- Defining **legal and ethical framework** conditions for the provision, use and exploitation of industry and research data
  - Clarifying issues related to **intellectual property and data protection**
  - Consulting the use case development in specific cases



# Events

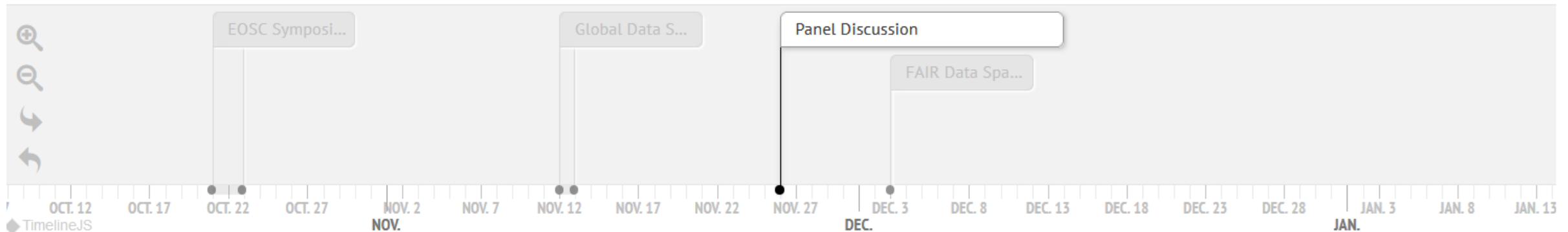
- CorDI 2023 (Sep 2023)
- FAIR-IMPACT National Roadshow (Jan 2024)
- Open Science Barcamp Potsdam (Sep 2024)
- Open Science Festival Mainz (Oct 2024)
- EOSC Symposium (Oct 2024)
- EOSCxNFDI: (Oct 2024)
  - World café

# Workshops

Date	Topic	GER/ EU
02/2022	IP and data protection	DE
03/2022	Technical and organizational aspects of data exchange	DE
06/2022	ELSA Training Curriculum	DE/EU
09/2022	FAIR DS Roadmapping and Community Building	DE
06/2023	ELSA Training Curriculum	DE/EU
06/2023	Building Blocks for Data Ecosystems	DE
02/2024	ELSA cross-over workshop between AP4.5 and ethics task force of NFDI	DE
09/2024	1st NeXt-Generation Data Governance workshop @ SEMANTiCS 2024 – NXDG 2024 in Amsterdam, Netherlands	EU
10/2024	World cafe at EOOSCxNFDI with Section Industry Engagement	DE

# Outcome (1/3)

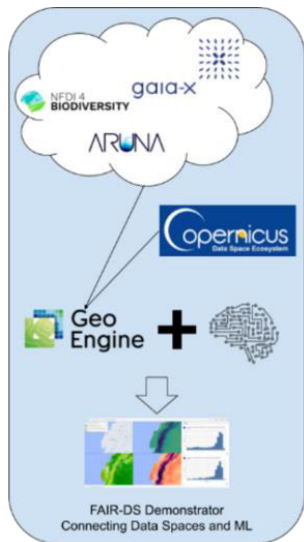
- Close cooperation with Gaia-X Hub Germany/ Acatech
  - Domain Health
  - [sphin-X](#)
- Subcontractors from Open Calls were presented in Newsletter or in Podcast-Series
- High awareness about FAIR Data Spaces



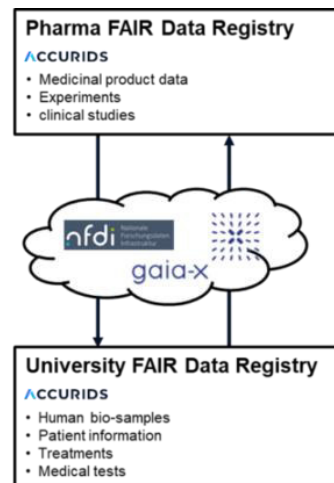


# Outcome (2/3)

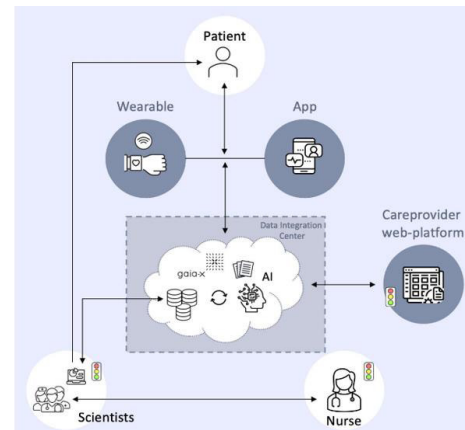
High visibility of subcontractor use cases



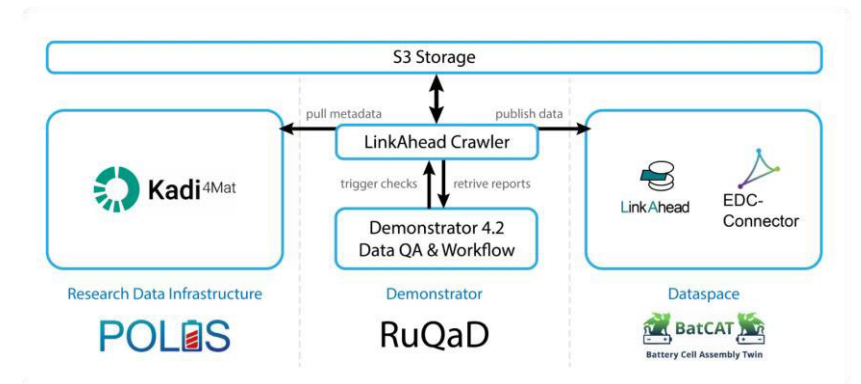
GeoEngine



ACCURIDS



ExpandAI



IndiScale

# Outcome (3/3)

- A very diverse, organic project, leading to lots of cooperations
- Exchange between NFDI, Fraunhofer, RDM community, Gaia-X, IDSA, etc.
- Exchange between research and industry (Start Ups, hospitals, Pharma, automotive, sustainability reporting...)
- Continuation as single demonstrators for specific applications
- Team will participate further in data space activities

# Thank you

Thank you for your interest!

