



NFDI4ING - The German national research data infrastructure for engineering sciences

Vision & Mission

Vision

NFDI4ING is shaping the progress of tomorrow through pioneering research data management by and for engineers.

Mission

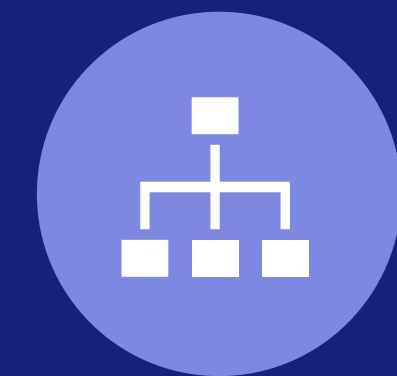
We promote the productive flow of research data so that data and knowledge come into effect for the entire society.

Our Goals



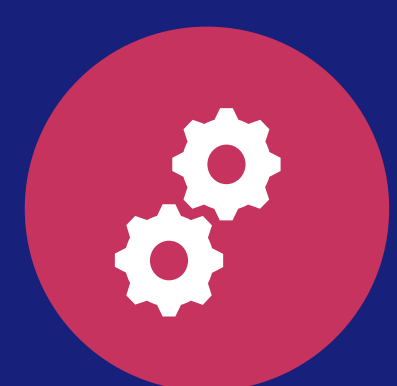
1. Data Literacy & Cultural Change

providing **education, training, and ensuring data literacy** from the start, working towards open and FAIR science



2. Governance & Consolidation

fostering community-driven (bottom-up) **data standards** and **data curation**

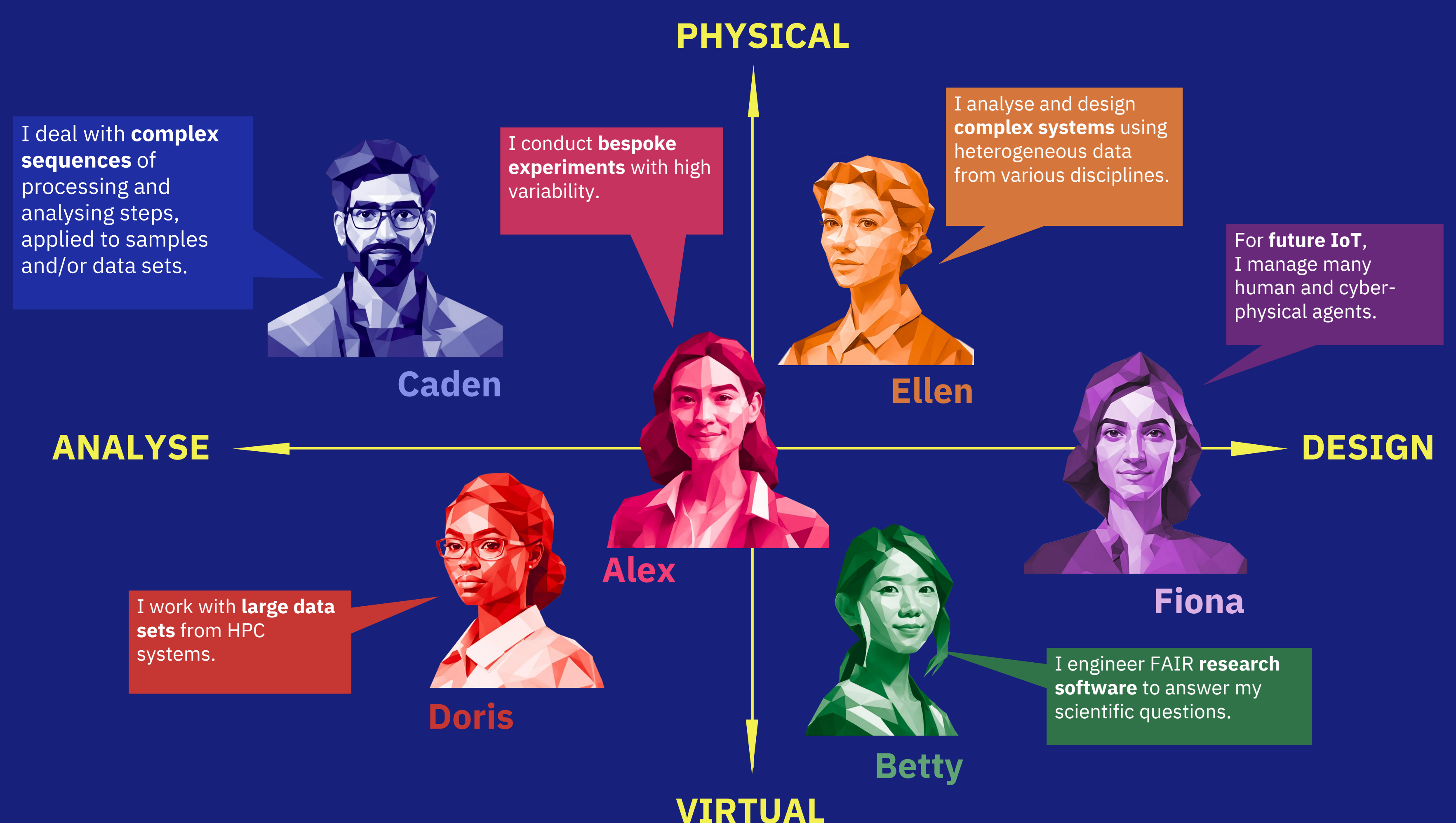


3. Services & Consulting

developing and establishing **technological solutions** and **methods** for RDM and advising researchers on best practices

Community orientation & research profiles

Engineering methods clustered in six Archetypes



Service Portfolio

35 research data management services from engineers for engineers



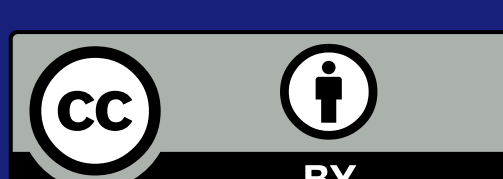
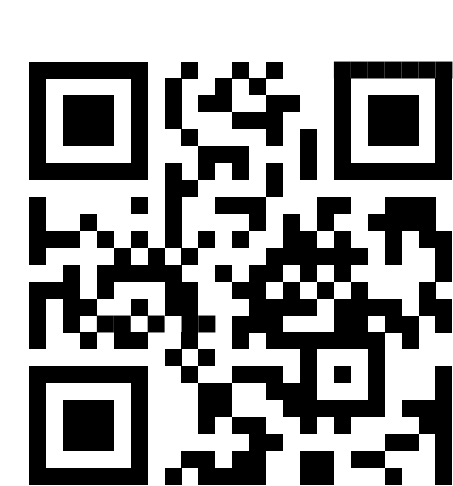
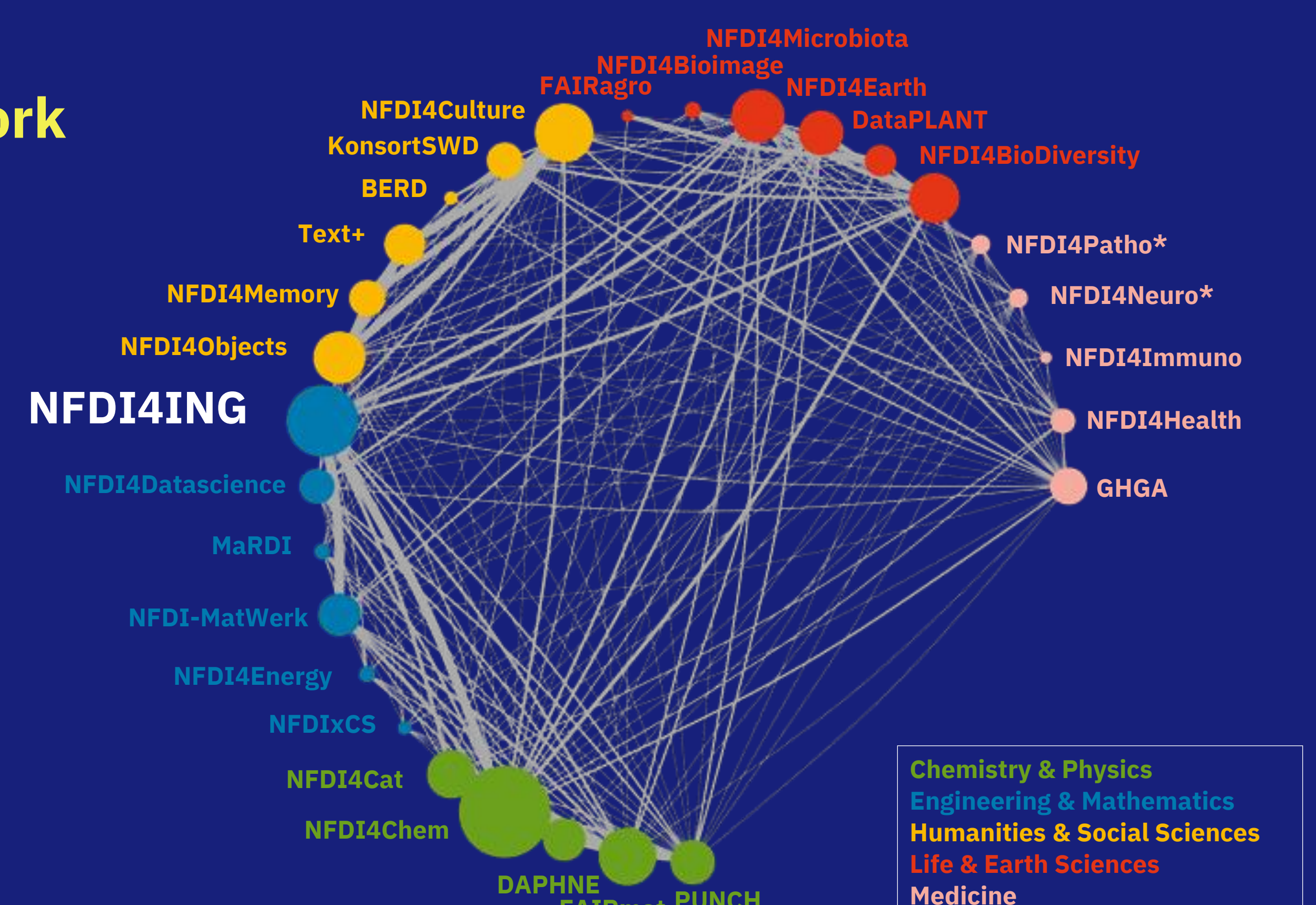
NFDI4ING: part of one nfdi

The German National Research Data Infrastructure – a strong network

NFDI4ING represents the engineering sciences in the NFDI. In close cooperation with the other NFDI consortia we work on enabling a scalable, sustainable and standardised research data infrastructure in Germany.

As part of the NFDI, we actively contribute to the build-up of the European Open Science Cloud Federation. We are active in the international research data community and committed to, amongst others, the Research Data Alliance (RDA), Collaborative Data Infrastructure (EUDAT CDI), International Data Spaces Association (IDSA).

To the right you can see the interconnection of NFDI consortia as of 2023. Node sizes and thickness of edges relate to the number of collaborations.



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