



German National  
Research Data  
Infrastructure (NFDI)  
EOSC Symposium 2023

York Sure-Vetter  
Madrid, 20 September 2023

More and more research results are achieved  
by using **already existing** research data.

see FAIR principles: <https://doi.org/10.1038/sdata.2016.18>

However, **significant efforts** are still required to **find** the right data set, **understand** it and **use** it for the purpose at hand.

see FAIR principles: <https://doi.org/10.1038/sdata.2016.18>

**261 association  
members**

**26  
consortia &  
Base4NFDI**



**> 800  
people  
involved**

**5  
sections**

## 1st round

Start of funding Oct 2020

- DataPLANT
- GHGA
- KonsortSWD
- NFDI4BioDiversity
- NFDI4Cat
- NFDI4Chem
- NFDI4Culture
- NFDI4Health
- NFDI4Ing

## 2nd round

Start of funding Oct 2021

- BERD@NFDI
- DAPHNE4NFDI
- FAIRmat
- MaRDI
- NFDI4DataScience
- NFDI4Earth
- NFDI4Microbiota
- NFDI-MatWerk
- PUNCH4NFDI
- Text+

## 3rd round

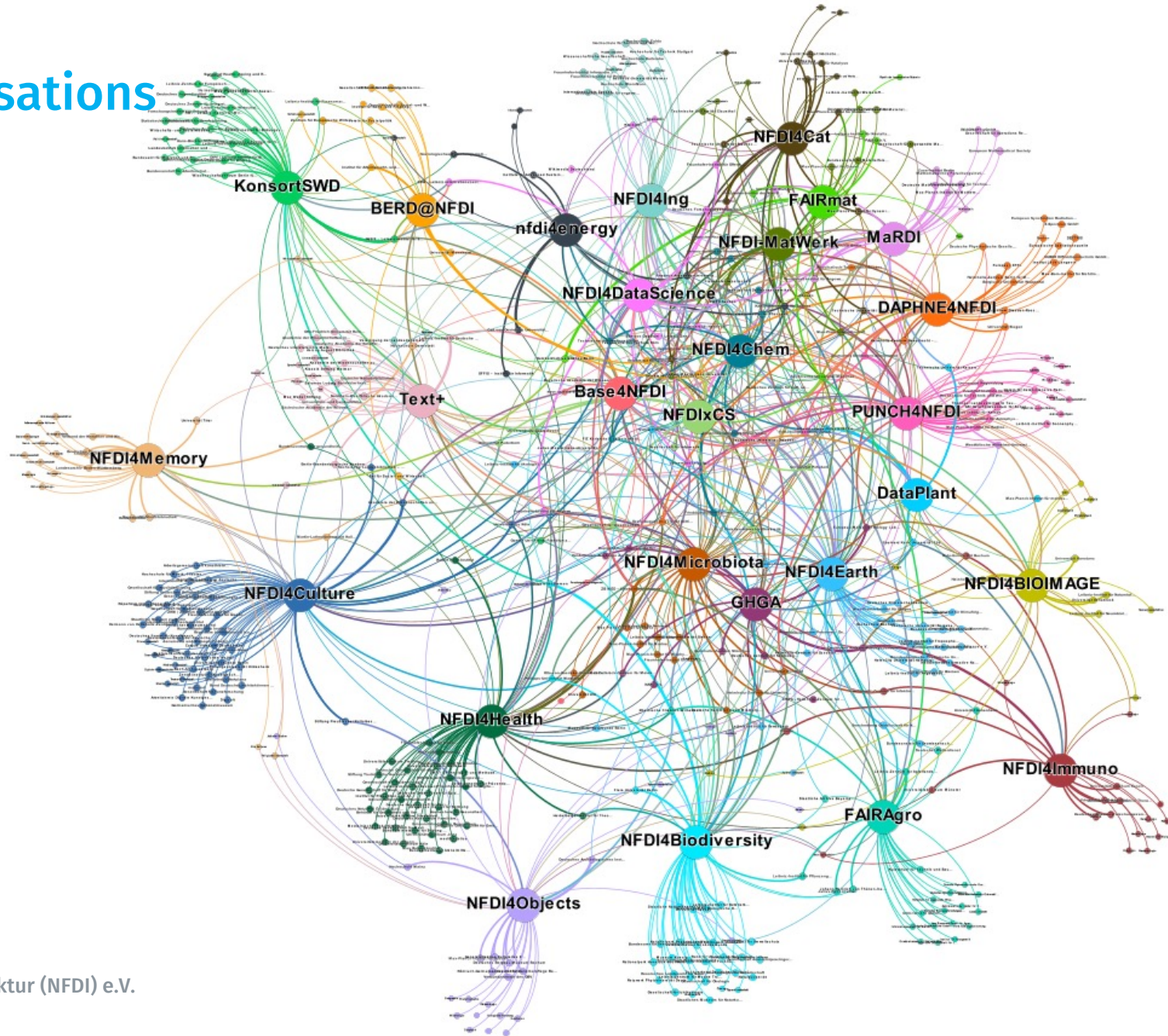
Start of funding March 2023

- FAIRagro
- NFDI4BIOIMAGE
- NFDI4Energy
- NFDI4Immuno
- NFDI4Memory
- NFDI4Objects
- NFDIxCS

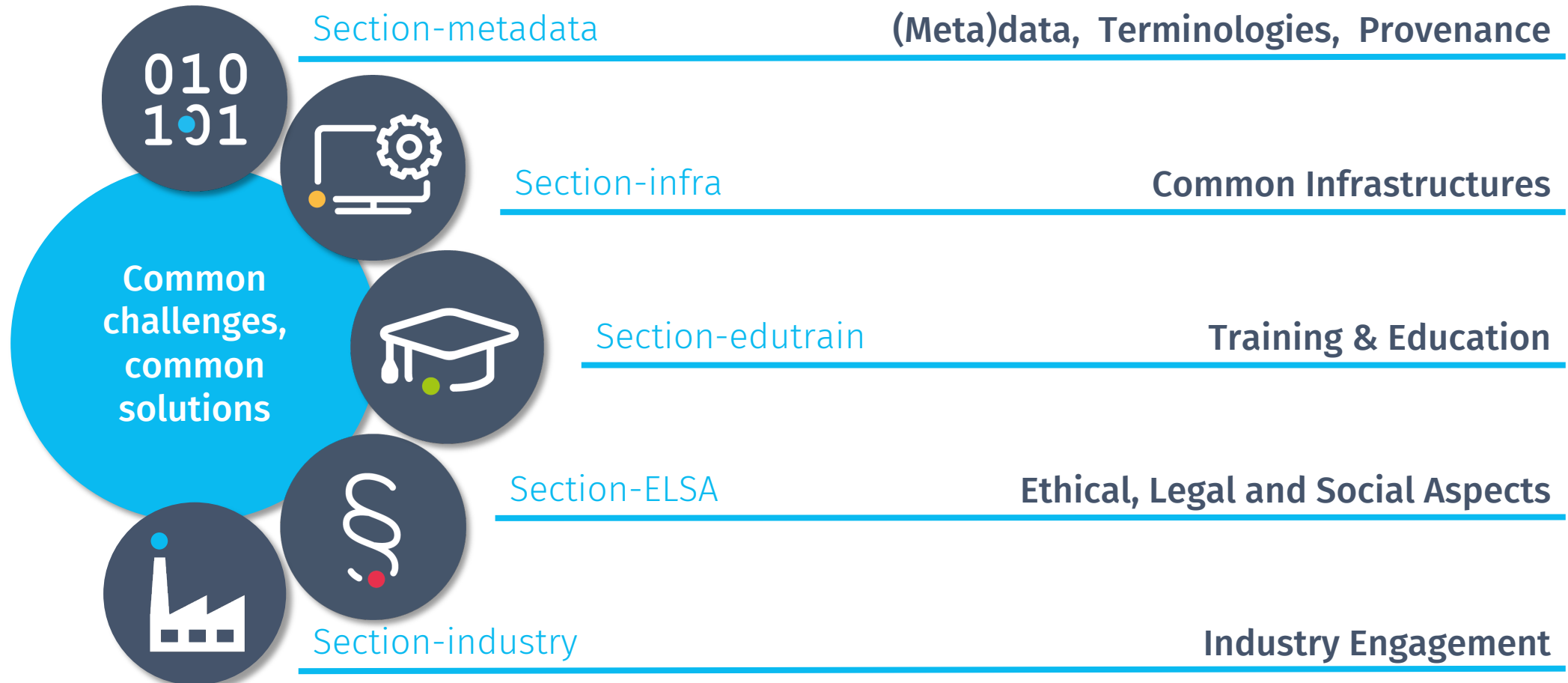
Network of consortia:

- Base4NFDI

# NFDI Consortia and participating organisations

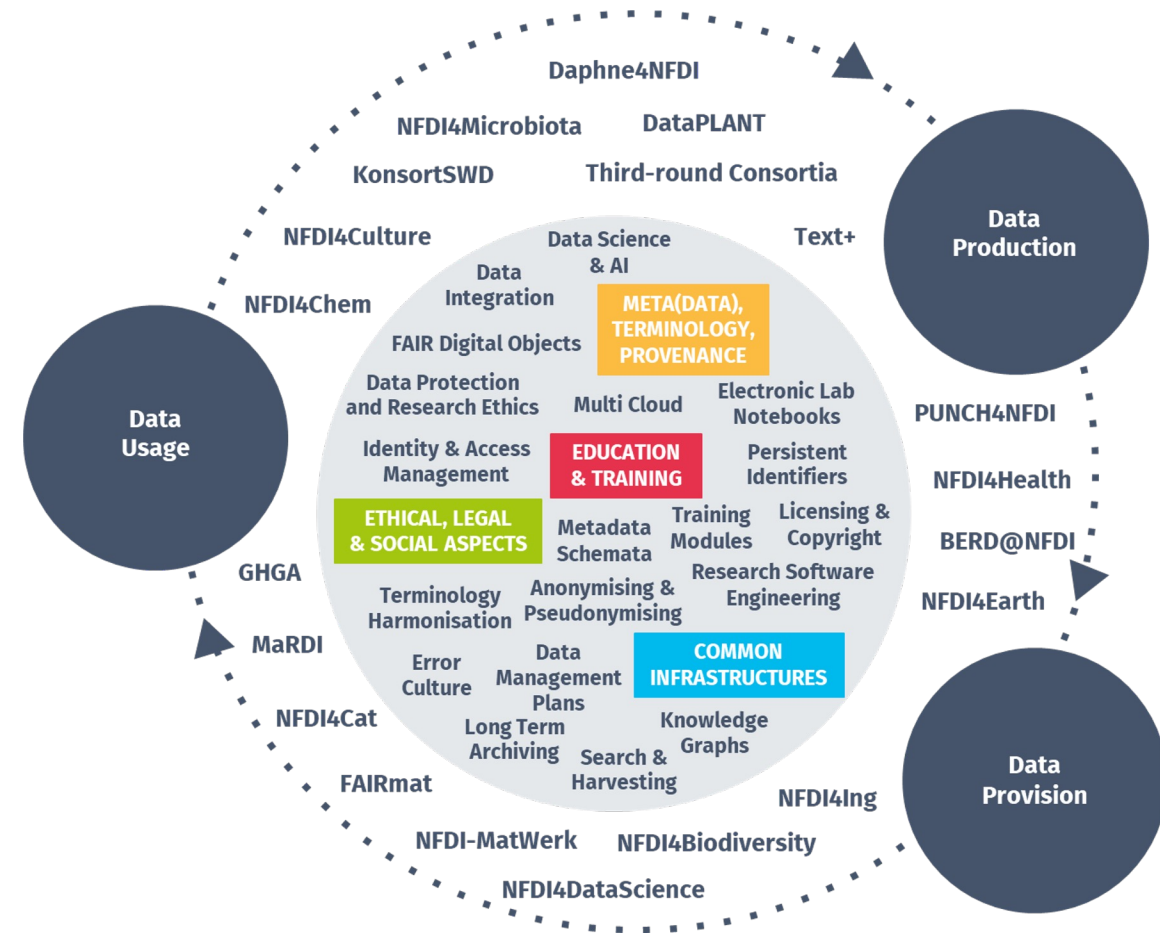


Visualisation with [Gephi](#)  
Data from [Wikidata](#)



# Base4NFDI

- Joint basic service initiative of all NFDI consortia.
- A basic service is a technical-organizational solution that includes storage and computing services, software, processes, workflows, and the necessary personnel support.
- Example: Authentication and Authorization Infrastructure, AAI
- Base4NFDI coordinates and establishes basic services for all consortia and sections according to defined, participative processes within the association.



Quelle: CC-BY Base4NFDI;

[https://nfdi4earth.de/images/nfdi4earth/events/1.%20plenary%20meeting%20june%209-10%202022/Presentations/10\\_Bernard.pdf](https://nfdi4earth.de/images/nfdi4earth/events/1.%20plenary%20meeting%20june%209-10%202022/Presentations/10_Bernard.pdf) (28.07.2022).



# NFDI as EOSC National Node

## Idea of NFDI as a German National Node:

- NFDI as Bridge between the scientific communities and the technical infrastructure
- Combining „bottom-up“ (NFDI) and „top-down“ (EOSC)
- Ensuring the connectivity between both approaches
- Representing the member state with equal rights of co-determination and decision-making for all matters in the context of the EOSC

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