

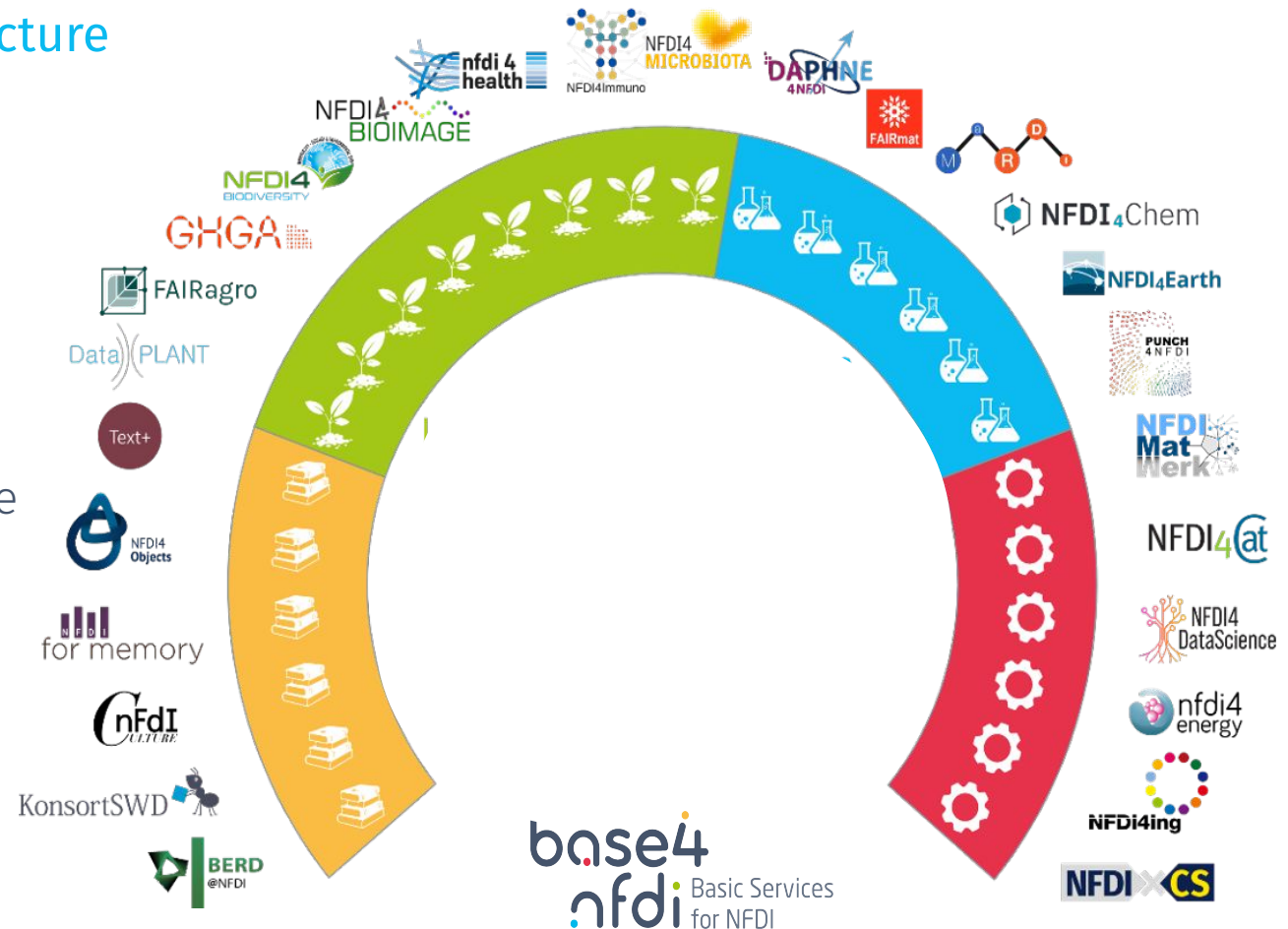


Base4NFDI: Basic Services for the German Research Community

Prof. Dr. Sonja Schimmler
23.10.2024, EOSC Symposium

NFDI: National Research Data Infrastructure

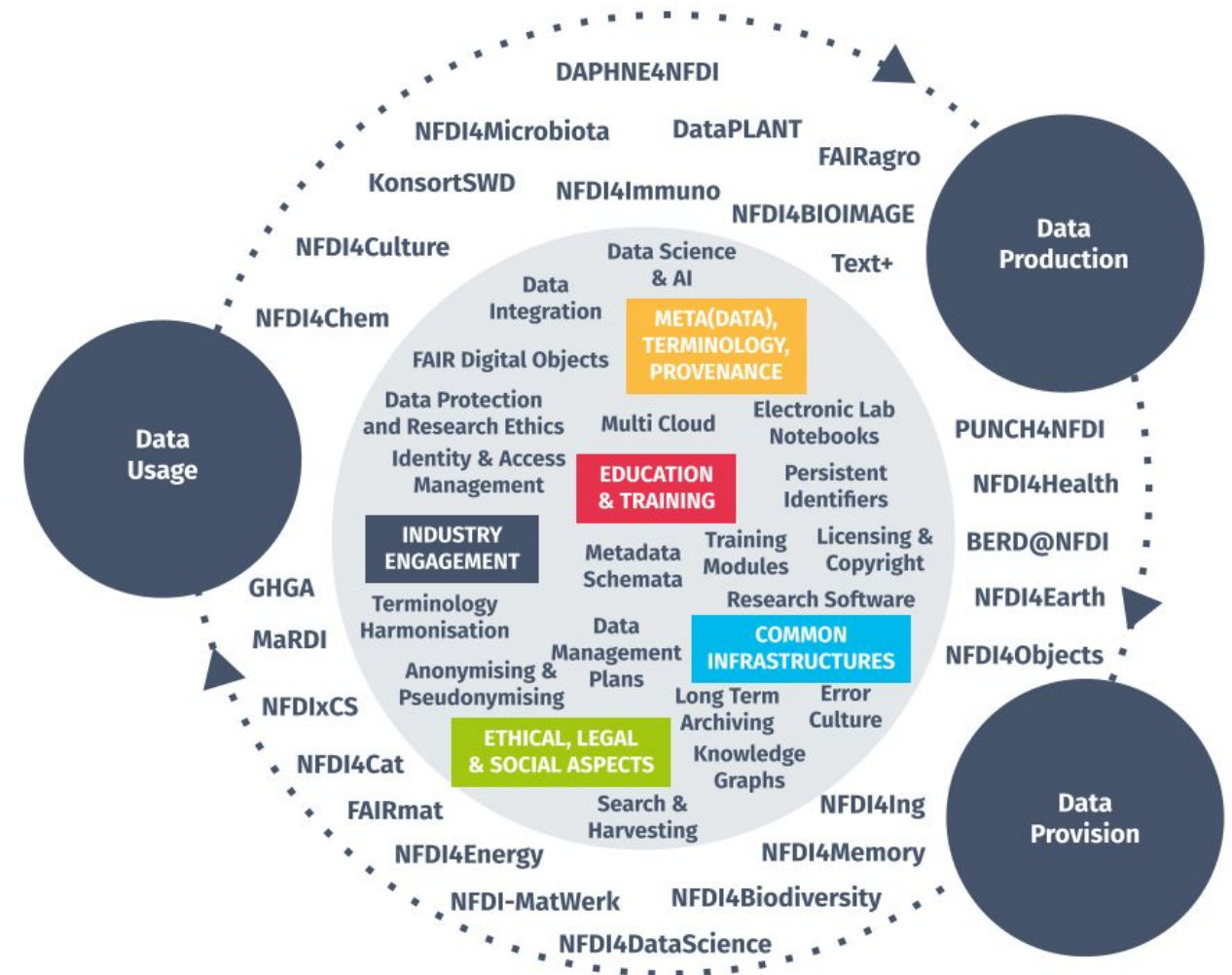
- NFDI to set up a ...
 - ... National Research Data Infrastructure
- 26 domain-specific NFDI consortia
 - ... and Base4NFDI
- Sections on Cross-cutting Topics
 - (Meta)data, Terminologies, Provenance
 - Common Infrastructures
 - Training & Education
 - Industry Engagement



Base4NFDI: Mission and Potentials

Identify needs

- Sections of the NFDI Association are the places to identify cross-cutting needs of consortia
- Combine infrastructural and technological expertise as well as domain knowledge
- Provide expertise, blueprints, and resources for development processes
- Act as incubators for continuously identifying potential basic services



Base4NFDI: Mission and Potentials

Translate needs and topics into basic services



Base4NFDI provides a framework for ...

- defining **potential** basic services
- user-driven **requirements** analysis
- **stepwise** development for integrating and ramping-up basic service candidates
- setting up **NFDI-wide** basic service **portfolio**
- monitoring and **evaluation**
- transparent allocation of **flexible** funding
- **consensus** building

Base4NFDI: Basic Services under Development

IAM4.nfdi
Identity and Access Management
for the German National Research
Data Infrastructure



[IAM4NFDI](#)
Identity & Access Management

PID4.nfdi
Persistent Identifier Services
for the German National Research
Data Infrastructure



[PID4NFDI](#)
Persistent Identifiers

DMP4.nfdi
Data Management Plans
for the German National Research
Data Infrastructure



[DMP4NFDI](#)
Data Management Plans

RDMT4.nfdi
Research Data Management Training
for the German National Research
Data Infrastructure



[RDMTraining4NFDI](#)
Research Data Management Training

 Training
and Education

nfdi.software
A research software marketplace
for the German National Research
Data Infrastructure



[nfdi.software](#)
Software Marketplace

Jupyter®4.nfdi
A central JupyterHub
for the German National Research
Data Infrastructure




[Jupyter4NFDI](#)
JupyterHub

 Common
Infrastructures

 (Meta)data,
Terminologies,
Provenance

TS4.nfdi
Terminology Services
for the German National Research
Data Infrastructure



[TS4NFDI](#)
Terminology Services

KGI4.nfdi
Knowledge Graph Infrastructure
for the German National Research
Data Infrastructure



[KGI4NFDI](#)
Knowledge Graph Infrastructure



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