

What is Base4NFDI?

Base4NFDI creates the basis for better **findability, accessibility, interoperability and reusability** of research data. For this purpose, common, technical services are developed together with experts for the data in the different research disciplines.

Since many scientific fields have similar requirements for research data, Base4NFDI **supports common solutions to avoid parallel developments**. Already existing services are thereby adapted or extended to be usable for researchers from other disciplines.

What is a basic service?

A **service** is a technical-organizational solution which typically includes

- storage and computing services
- software, processes and workflows
- personnel support for different service desks.

A basic service

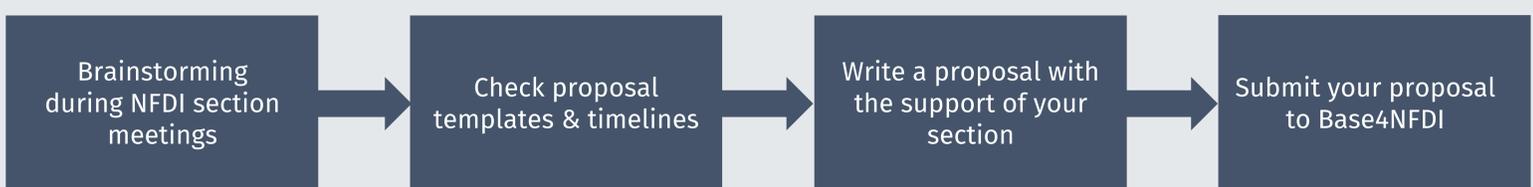
- ✓ creates added value for the consortia and their user
- ✓ typically bundles existing services
- ✓ is characterized by scalability and sustainable operating models
- ✓ must be effective over time and in terms of usage (trackable by KPIs)

How does it work?

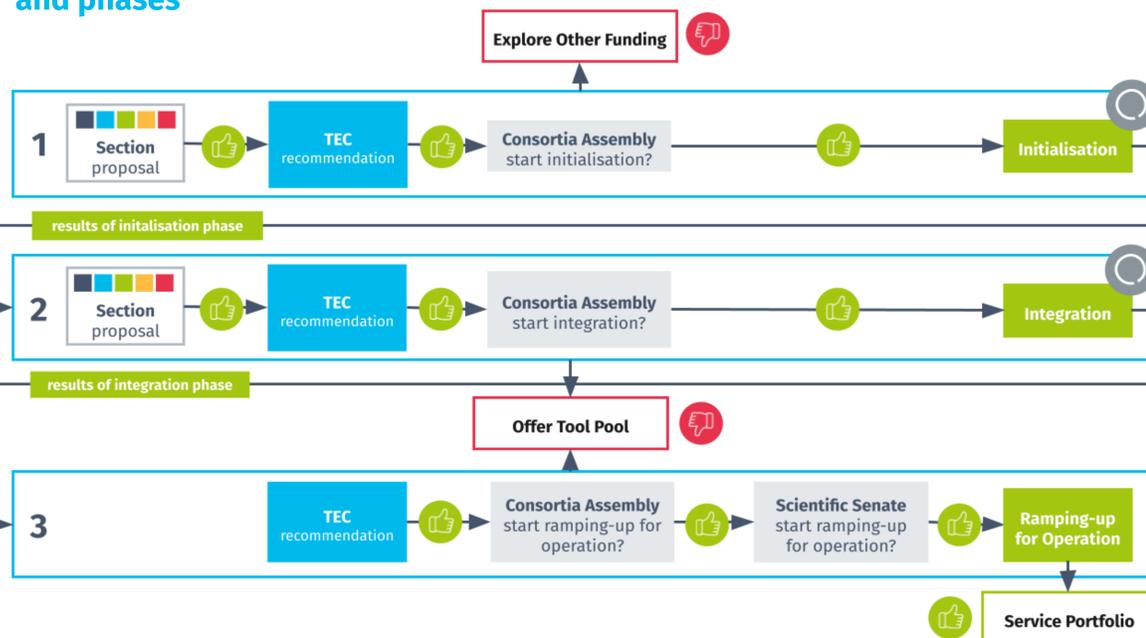
All institutions in the scientific community can actively participate in the development and implementation of these services and submit proposals via the **sections of the German National Research Data Infrastructure (NFDI)**.

A panel of experts will select the proposals of the development teams for Base4NFDI, which will then receive funding from the **German Research Foundation (DFG)**. These teams will also receive support and guidance in areas such as development, implementation, and training. After development, the basic services of NFDI are to be made permanent. Base4NFDI thus actively contributes to the systematic opening and networking of the German science system.

How to propose?



Base4NFDI process and phases



Wanna propose to us?



Scan for more Information!

Basic services under development

IAM4NFDI

Digital identities and federated access across the NFDI consortia

TS4NFDI

Harmonization & mapping of terminologies

PID4NFDI

Persistent Identifier Services for the NFDI