

Data Management Plans for the German National Research Data Infrastructure



<https://base4nfdi.de/projects/dmp4nfdi>



Vision

- Centralised service for **data management plans** (DMPs) and **software management plans** (SMPs) across NFDI
- Hosting of the **open-source DMP tool RDMO**, coordination of template creation, support in standardisation and interoperability of templates, guidance and support for consortia staff
- Establish and foster the NFDI-wide use and application of **machine-actionable DMPs** (maDMPs) and maSMPs and analogues to maximise the benefits of their widespread adoption

Service Components



Customisable
RDMO client for
each consortium



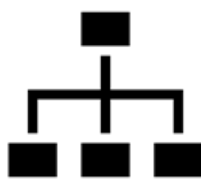
Separate **test**
and **production**
environments



One **database**
for shared use
of templates



Integration with consortia
service portfolios
(e.g. via plugins)



Centralised vocabulary
to ensure
interoperability



DMP/SMP **template**
framework to ensure
standardisation



Support for
DMP/SMP template
development +
community outreach



Training for
consortium staff
(train-the-trainer
approach)

Persona Impressions



As a **postdoc researcher** planning my next project, I need a data management plan tailored to my discipline. Thankfully, my NFDI consortium is taking care of it. With RDMO and its interview-style approach, it is easy to consider all important RDM aspects I need to keep in mind, and make documented decisions for my project. I can even share the DMP with other project team members and our IT department to request resources. If questions arise, I can reach out to a data steward for support. Later on in the project, I can recheck and adjust the DMP if necessary.

I am a **data steward**, and I need a software solution to provide custom DMP templates to our researchers. Our institution lacks the resources to host our own tool, and PDFs are inefficient. DMP4NFDI offers tool hosting and the support and expertise to customise templates, ensuring they meet our needs. They also promote standardisation, machine-actionability and interoperability of DMPs with other services – so now, our researchers are able to push their open RDMO tasks to OpenProject with only one click.

