

# **Research Data Management Plans in NFDI4Microbiota**

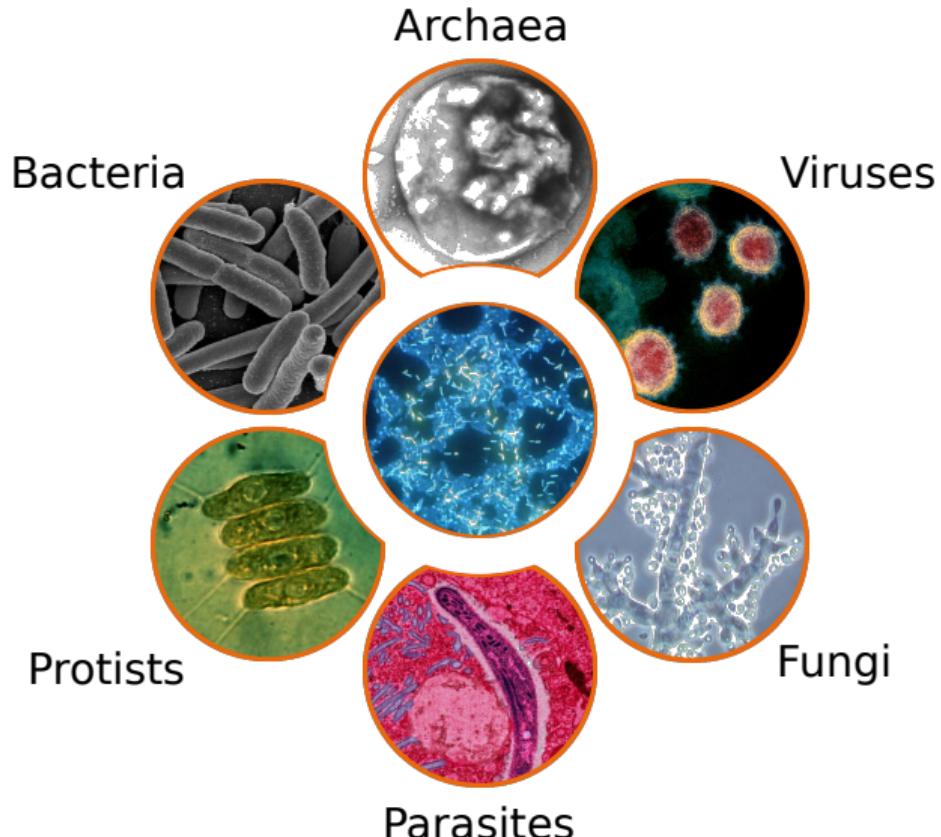
Justine Vandendorpe and Konrad U. Förstner

Workshop "Erstellung von Datenmanagementplänen und Einsatz von DMP Tools in der NFDI"

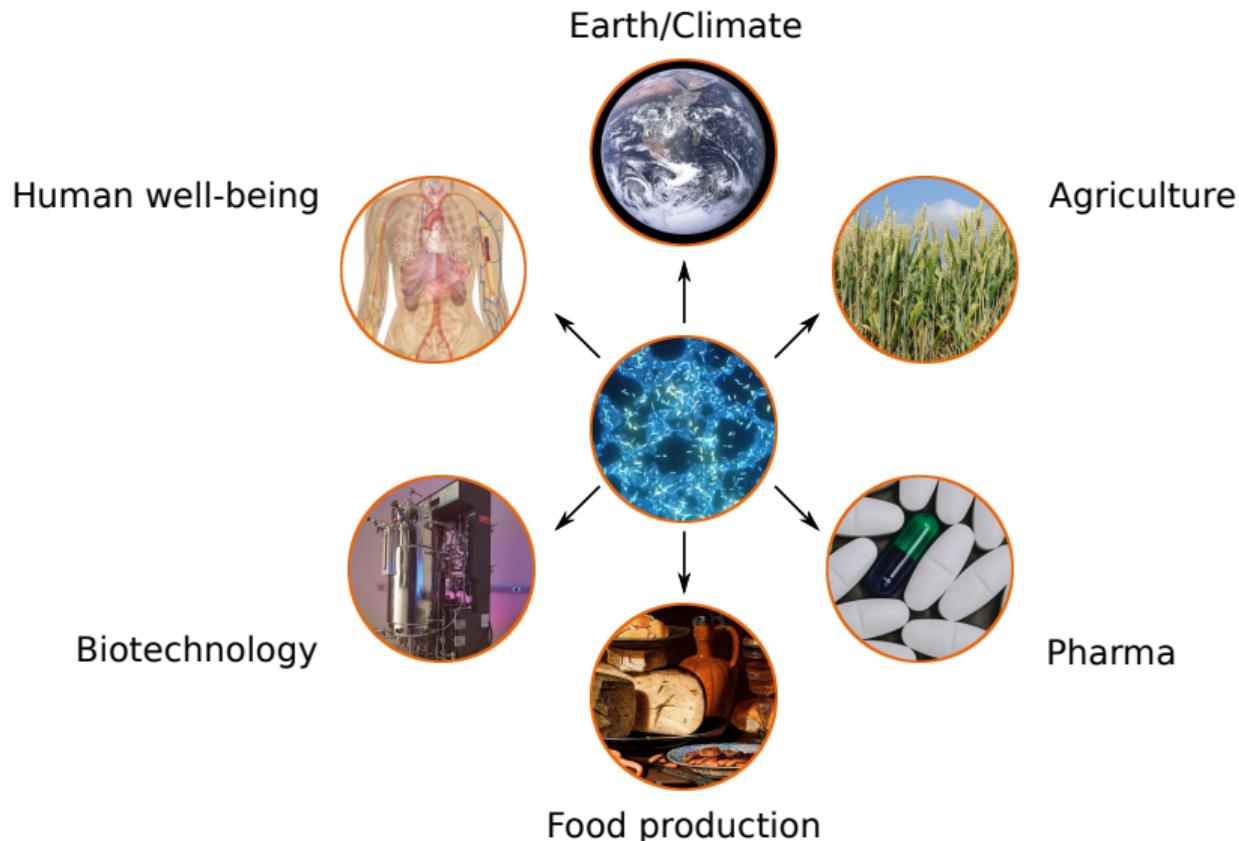
2021-03-02



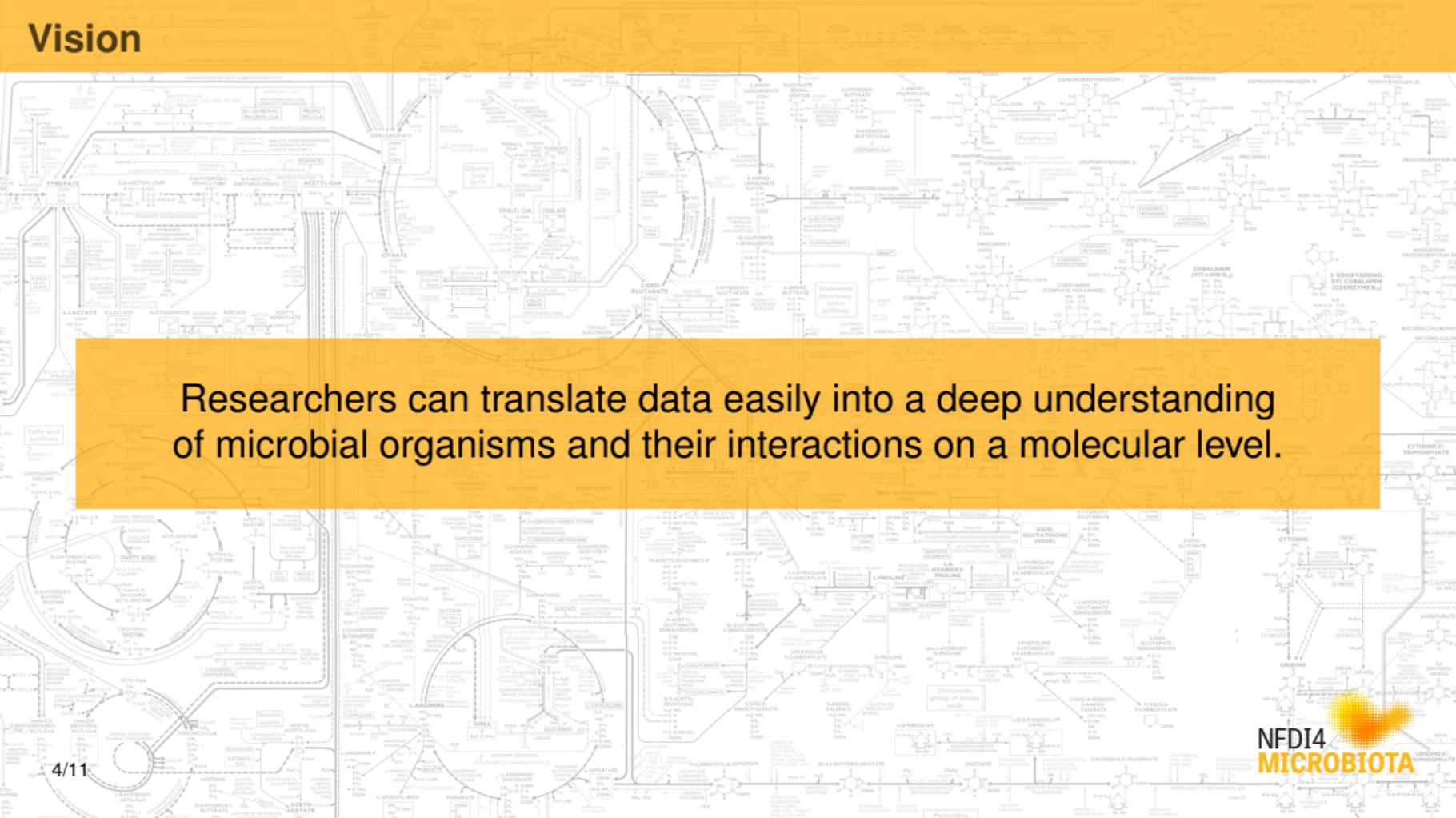
# Scope of NFDI4Microbiota



# Benefitting fields



# Vision



# Consortium

**>50 Participants**

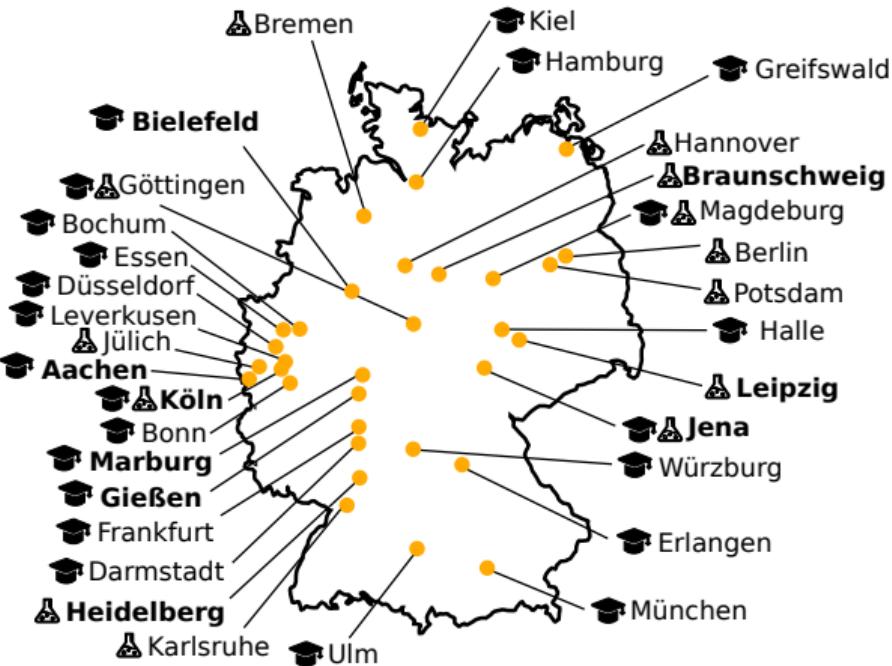


**10 (Co-)Applicants**



**5 Associations**

VAAM  
GfV  
DGHM  
DGP  
DGfM



**9 Research Consortia**

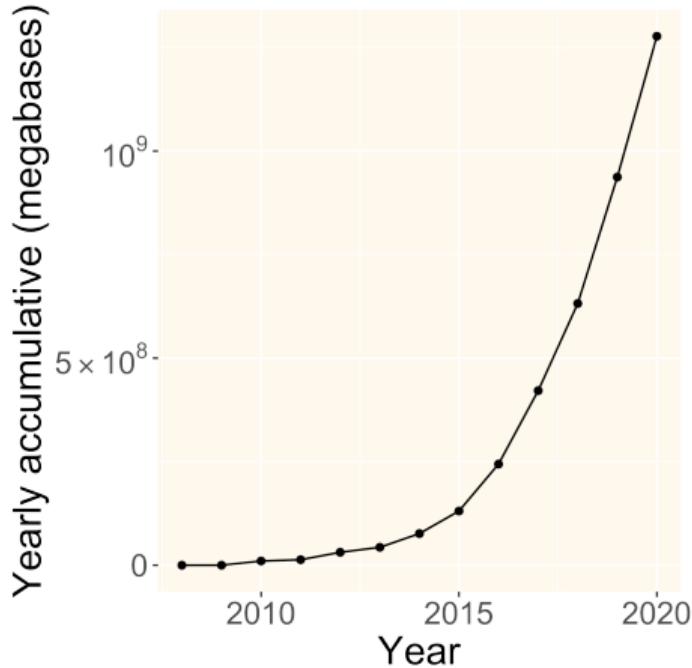
SPP 2330  
SFB 1221  
SPP 2141  
SFB 1371  
TRR 124  
SPP 2002  
EXC 2051  
SFB 1382  
Fraunhofer CIMD

**Universities**

**Research Institutes**

- **Research Data Management**
- Resources to make data **FAIR** and **Open**
- **Quality** control
- General and specific **data science skills**
- Domain-specific **software**, **services** and **databases**
- **Expert support** (bioinformaticians, data stewards)
- Computational **infrastructure** and **workflows**

# Data types covered by NFDI4Microbiota



- Omics (Genomics, Proteomics, etc.)
- Imaging
- Taxonomic data
- Subdomain-specific data

Creation and management of Data Management Plans with RDMO to:

- describe **research projects** and associated **data** (type, quality, organisation and usage)
- cover all **intermediate files, result files** and **visualizations** generated in the analysis process
- **RDMP ⇌ policies**

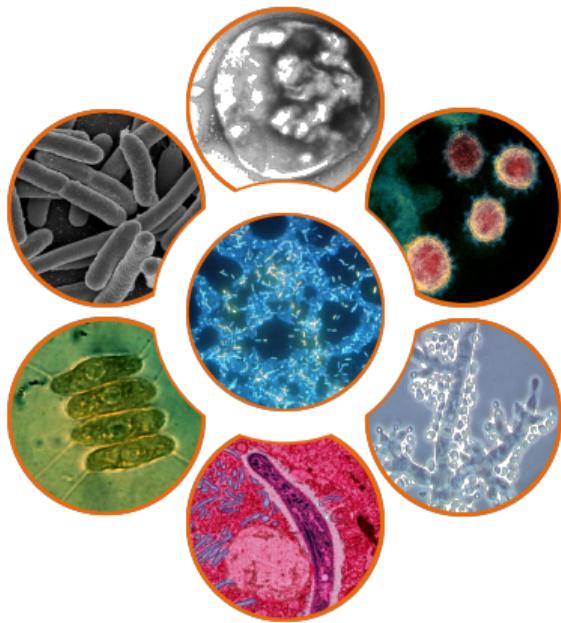


The screenshot shows the RDMO4Life software interface. At the top, there is a header bar with the project name "RDMO4Life" on the left, and "Logout" and "Login" buttons on the right. Below the header is a banner with the text "Research Data Management Organiser" and "Forschungsdaten in den Lebenswissenschaften". The main content area features a photograph of a laboratory setting where a person in white gloves is handling test tubes. To the left of the photo, there is a "Welcome to RDMO" section containing text about the project's purpose and a GitHub link. To the right of the photo is a "Login" form with fields for "Username" and "Password" and a "Login" button. At the bottom of the page, there is a footer section with logos for "PUBLISSO", "DFG Deutsche Forschungsgemeinschaft", and "ZB MED". The footer also includes links for "Impressum", "Datenschutzerklärung", and "Disclaimer".

RDMO4Life is a dedicated version of RDMO for all research institutions that work in the field of life sciences offered by ZB MED

## Next Steps

- Generating further specific question catalogs for the subdomains of NFDI4Microbiota
- Integration with all stakeholders in the processes (researchers, data generating facilities, etc.)
- Aligning with RDMP approaches of connected fields / NFDI consortia
- Thinking about actionability and combination with computational workflows



Thank you for your attention.

<https://nfdi4microbiota.de/>

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