



Nationale Forschungsdateninfrastruktur für Biodiversität



Biodiversity – an artistic rendition by ©microbiobac

The Road Towards NFDI

2028ff.?



Gemeinsame
Wissenschaftskonferenz
GWK



2011-2015: Structured exploration

Basic recommendations on how to adapt the organisation of scientific information infrastructures in the digital turn

2016



GWK
2016-
2018

DFG
2019

2020

2021

2022

Operational phase of 10 years
3 round of funding decisions
Founding of the NFDI e.V.



KII
2011

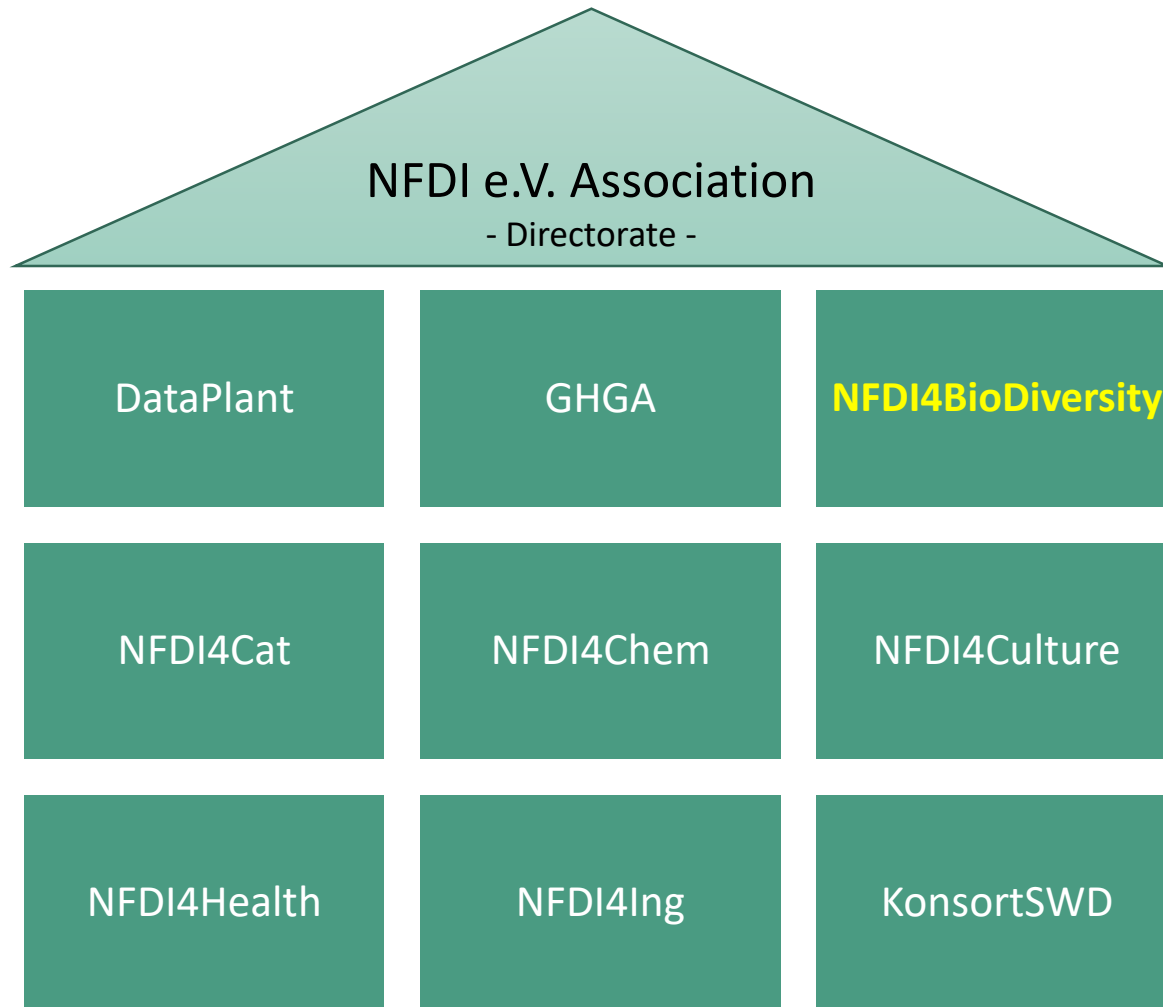
WR
2012

RfII
2014

Parallel initiatives on the international level



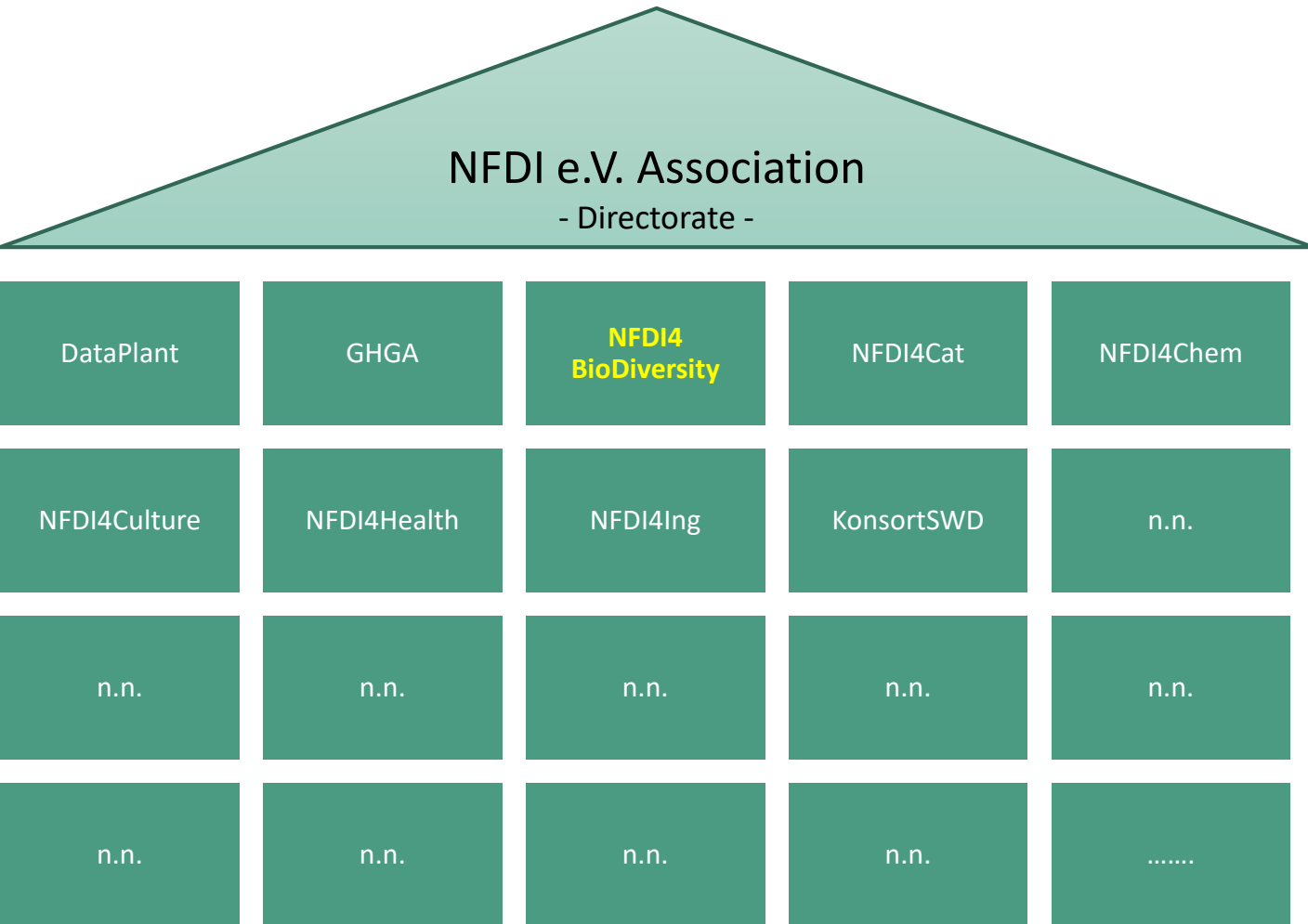
Structure of the NFDI after Round 1



January 2021

- 9 Consortia, organised by research domain
- ~100 (Co-)Applicant Organisation
- ~200 other partners

Structure of the NFDI after Round 2 & 3



January 2023 ff.

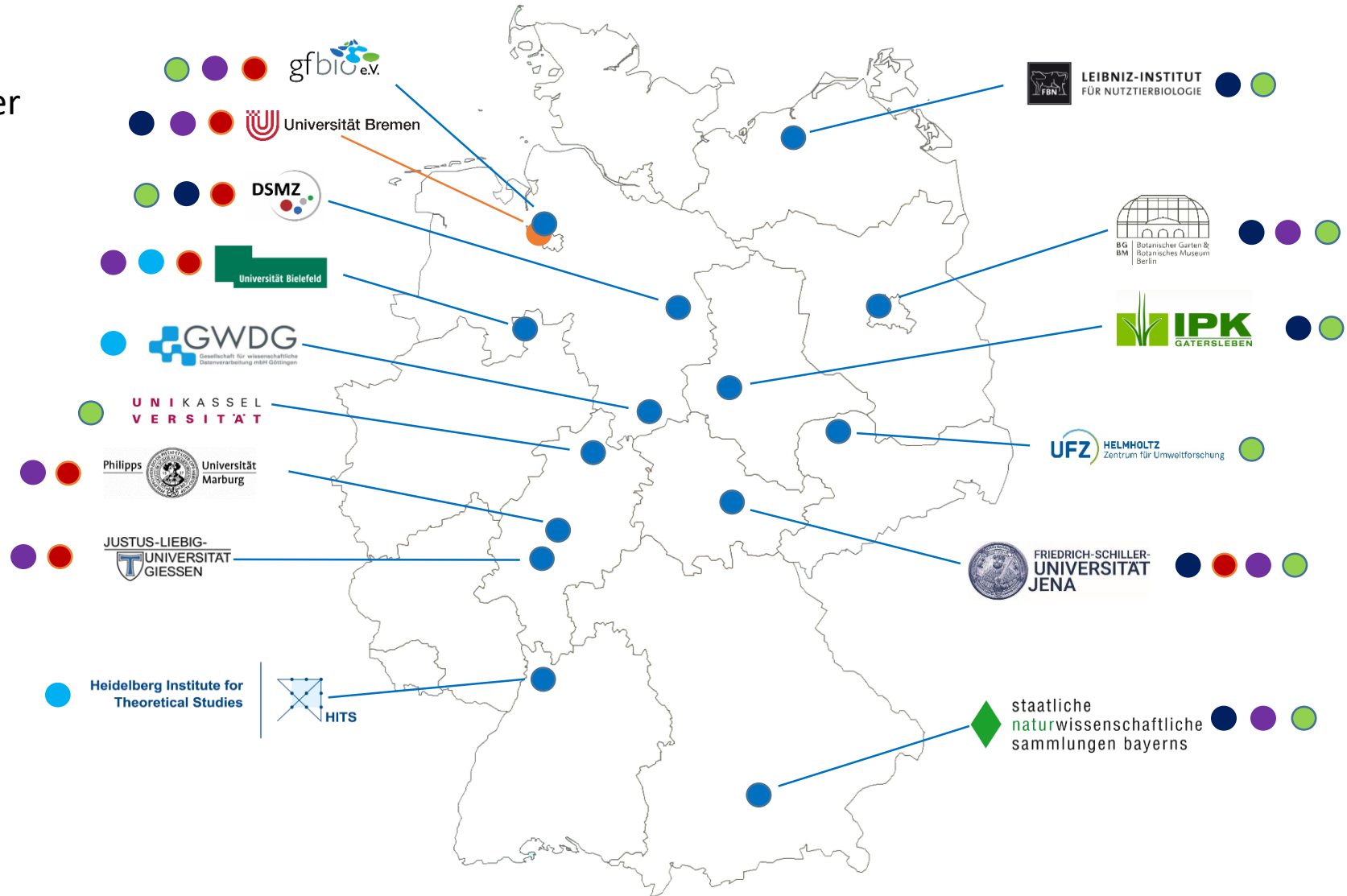
- Up to 30 Consortia, covering all research domains in Germany
- Several hundred organisations teaming up as suppliers and in decision processes
- > 1,000 professional staff

NFDI4BioDiversity



The NFDI4BioDiversity Consortium: 15 Co-Applicants

- Data Center
- Infrastructure Provider
- Computer Science
- Biology/Env. Sciences
- Teaching/Training



The NFDI4BioDiversity Consortium: Participants

Academia

AWI	IfL	MPI-BGC
BIOfid	IGB	SUB
DNAquaNet	InfAI	Uni Göttingen
HIFMB	IÖR	Uni Leipzig

Collection Datacenters

BGBM-DI	SMNS
MfN	ZFMK
SGN	ZMT



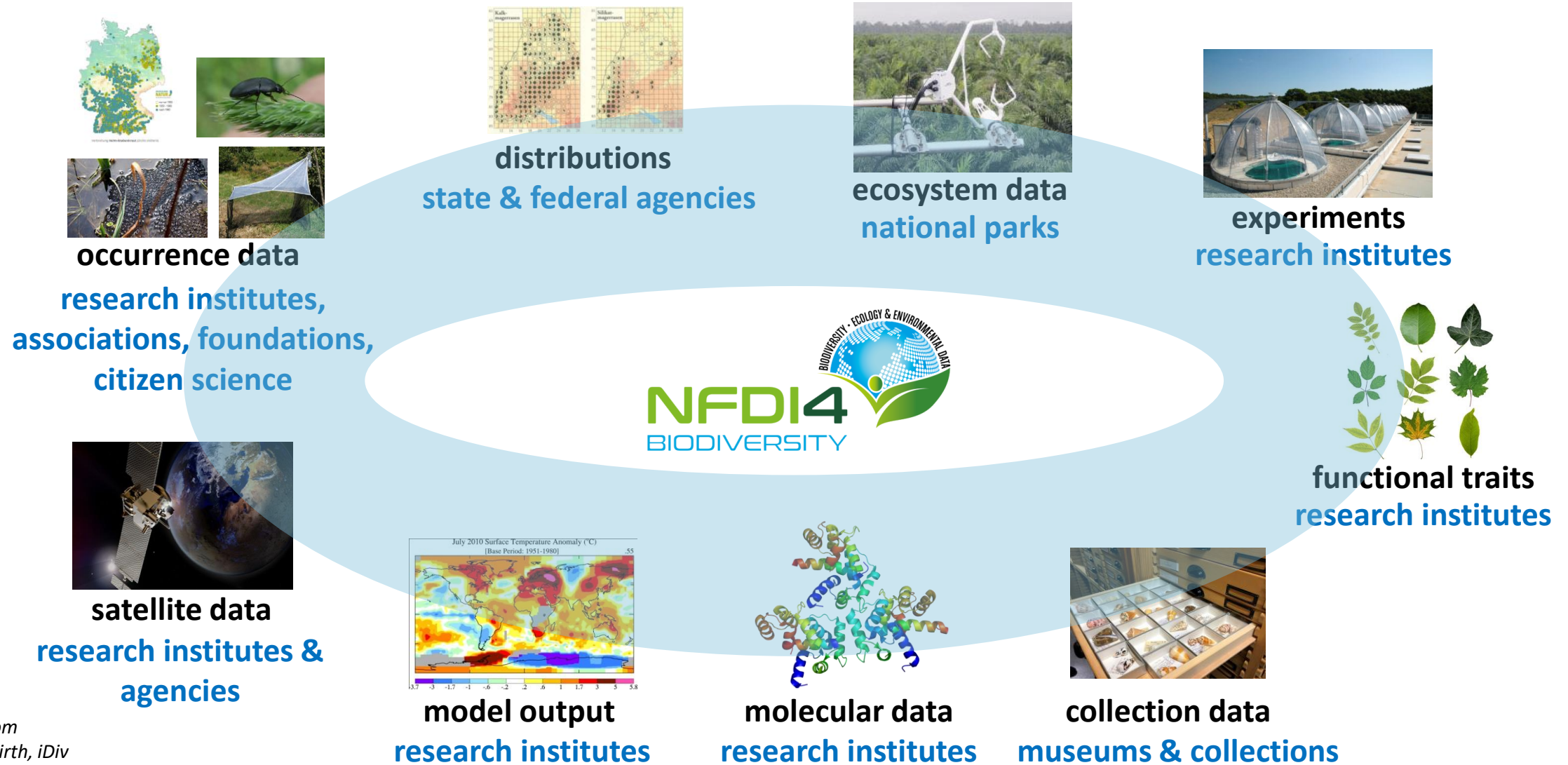
BSH	NP Bayerischer Wald
HLNUG	NP Hunsrück
Kühn Institut	Staatl. Archive Bayern
LAU	Thünen Institut
LfULG	

State Agencies

AraGes Spinnen	Gfl-Fische
BUND	GfÖ
DDA-Vögel	Naturgucker
GdO-Libellen	NetPhyD-Pflanzen

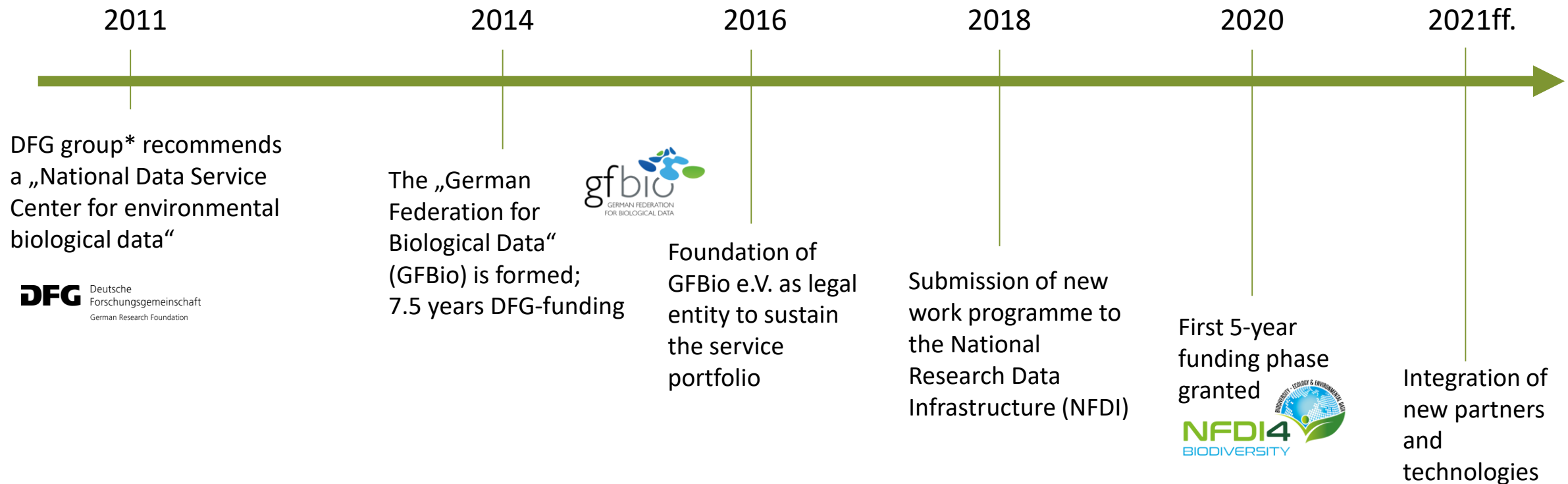
Societies & Citizen science

Current Status – Heterogeneous, Scattered Data & Formats



Adapted from
Christian Wirth, iDiv

Joint services for environmental biological data in Germany – a history



*AG Biodiversitätsdaten der Senatskommission für Biodiversitätsforschung

Lessons Learned

- **Awareness**



- **Trust**



- **Support**



- **Added-value services**



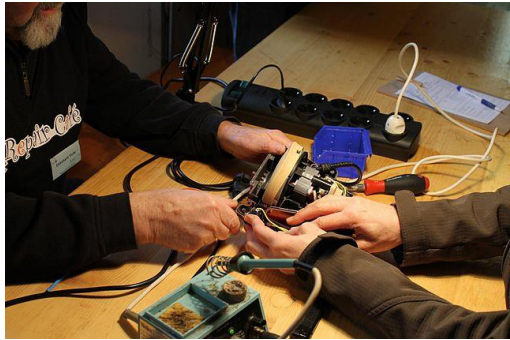
Community Engagement (2involve)

- Support with tools/platforms for early mobilisation

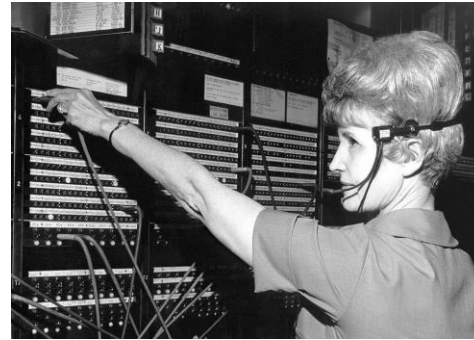
- Front office/back office – RDM support

- Education and training

- Quality surveys



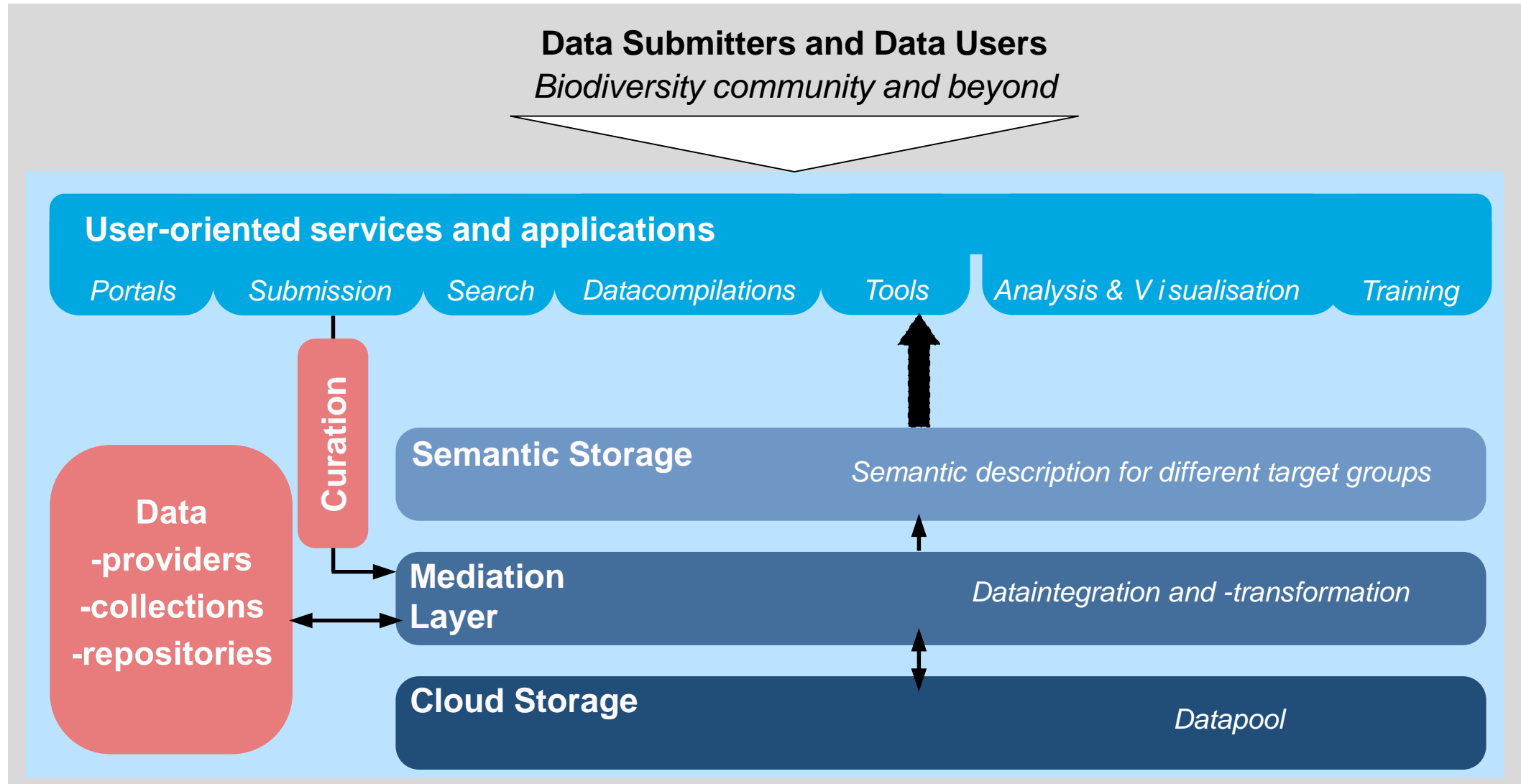
RaMA2016
CC BY-SA 4.0, Wikimedia Commons



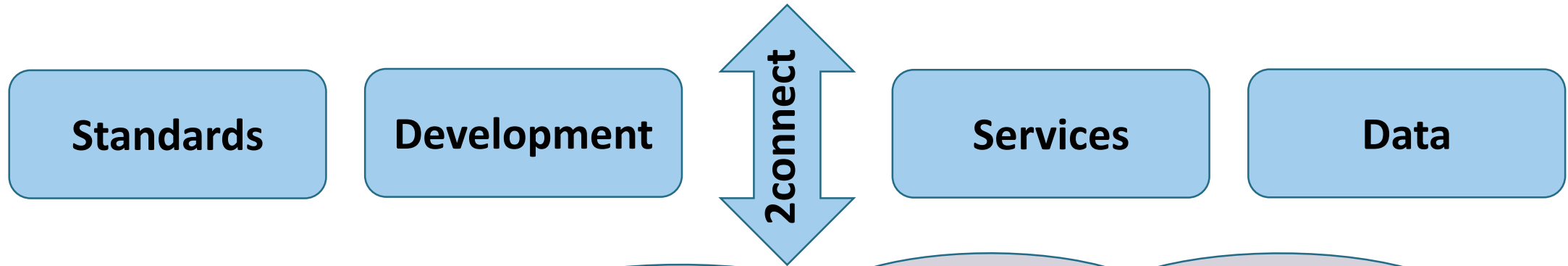
Nick Youngson
CC BY-SA 3.0 Alpha Stock Images



4all & 4future: Data Integration, Exploration, and Exploitation



2connect: National and International Networking



1. Jahreskonferenz NFDI4BioDiversity



Biodiversity – an artistic rendition by @microbiobac

Save the date – 23. bis 24. September 2021

7,5 Jahre GFBio – 1 Jahr NFDI4BioDiversity