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Open Data in the NFDI
PUNCH4NFDI Open Data Workshop

Hendrik Seitz-Moskaliuk
Karlsruhe, 11.02.2021

Open data?

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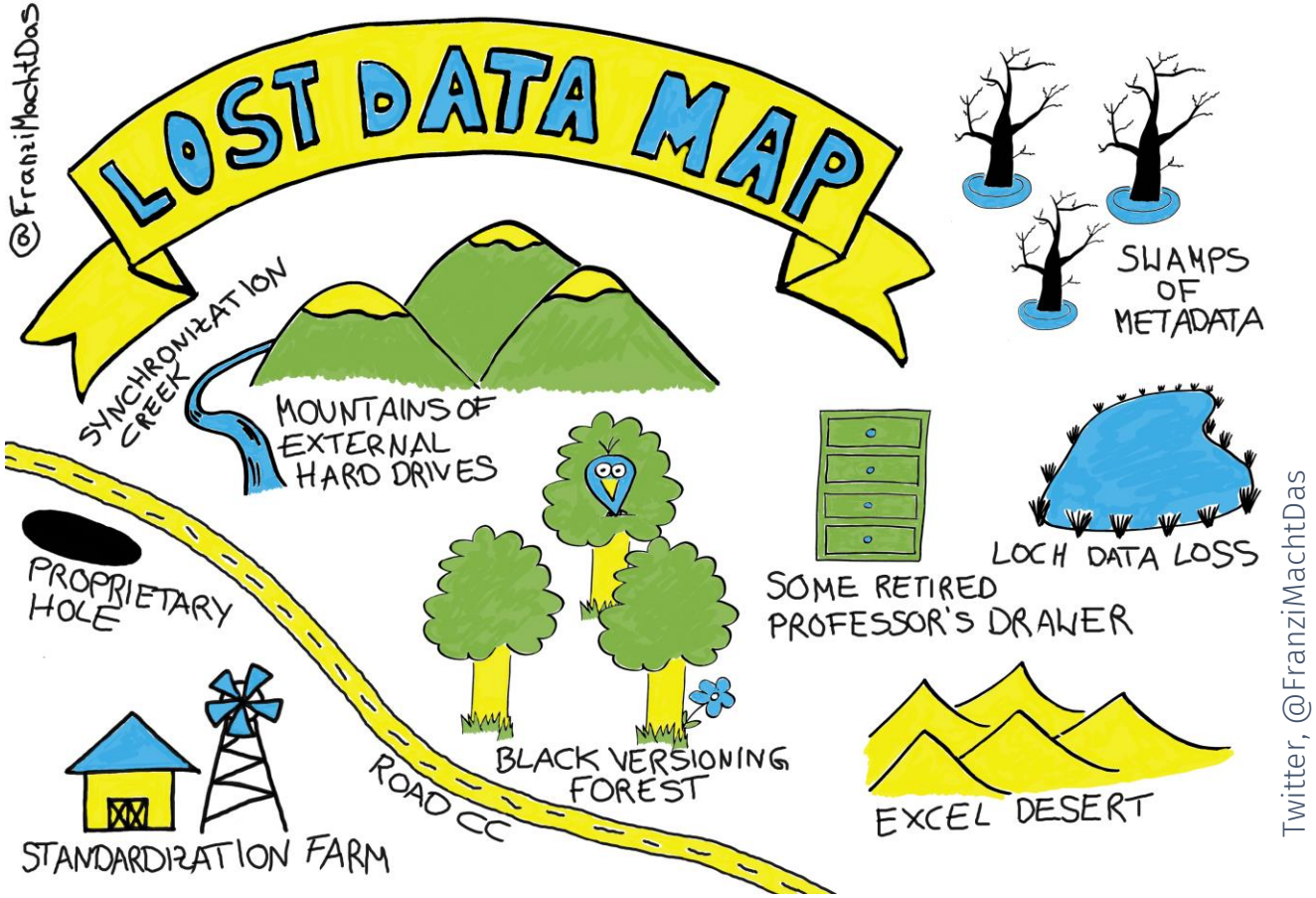

The NFDI: current status

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- 9 consortia receive DFG funding (round 1 of 3)
- Association founded in October 2020
- Transfer from FIZ Karlsruhe/KIT
- Formation and first meetings of the bodies
- Start of work within the consortia

Our Vision

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Research data sets are FAIR*.
For all**. Forever***.

* Findable, Accessible, Interoperable, Reusable

** Depending on data access categories.

*** Alice: „How long is forever?“
White rabbit: „Sometimes, just one second.“

The level of openess differs from consortium to consortium.

➔FAIR data does not necessarily mean open data (and vice versa).

Aspects of Open and FAIR Data

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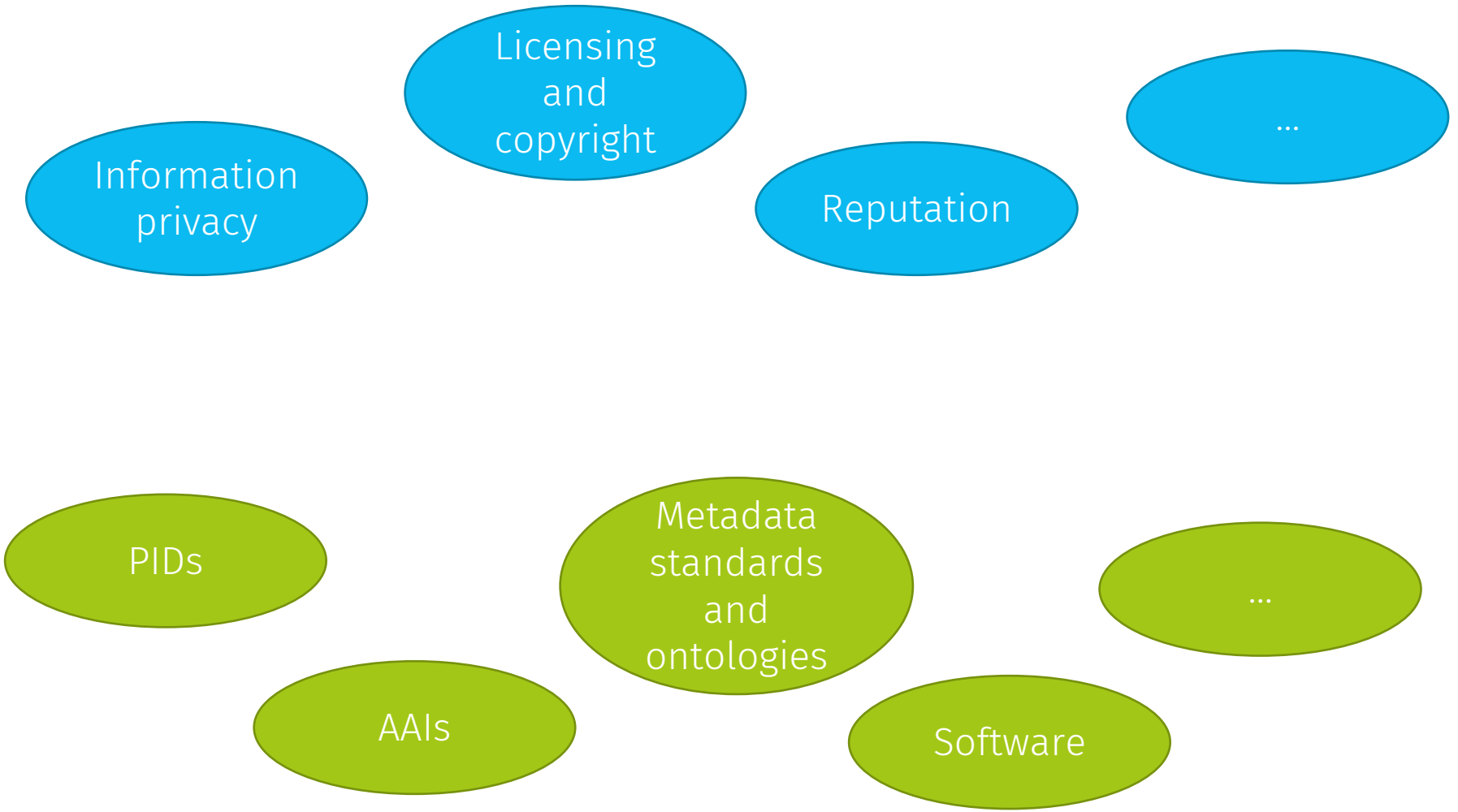

Sections for Cross-cutting topics

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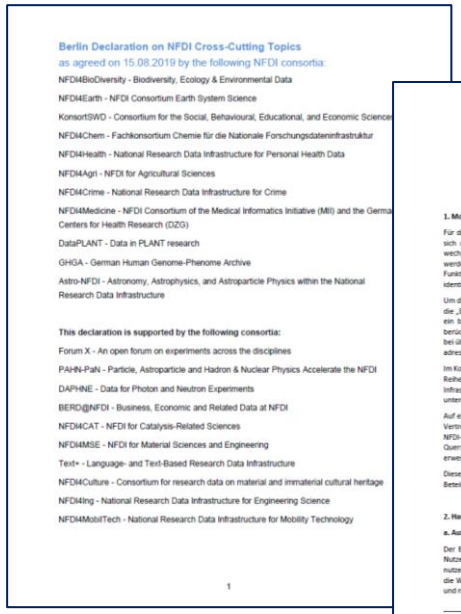
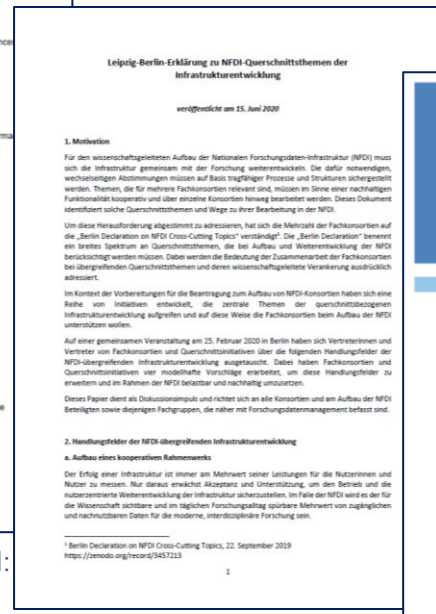
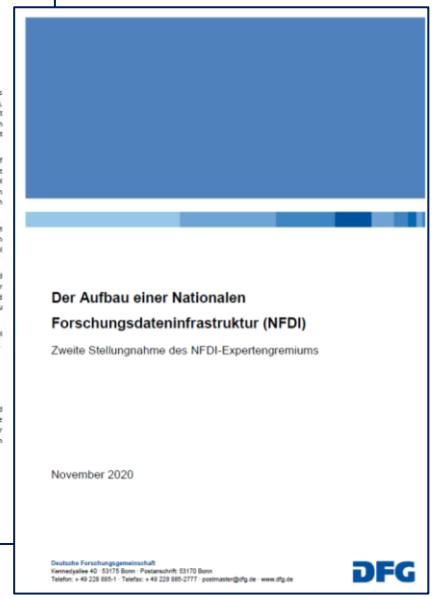
- Open and FAIR data aspects are cross-cutting topics
- Cross-cutting topics essential for success of NFDI
- Sections in NFDI association for cross-cutting topics starting in first half of 2021


Berlin Declaration on NFDI Cross-Cutting Topics
as agreed on 15.08.2019 by the following NFDI consortia:
NFDI4BioDiversity - Biodiversity, Ecology & Environmental Data
NFDI4Earth - NFDI Consortium Earth System Science
KonsortSWD - Consortium for the Social, Behavioural, Educational, and Economic Sciences
NFDI4Chem - Fachkonsortium Chemie für die Nationale Forschungsdateninfrastruktur
NFDI4Health - National Research Data Infrastructure for Personal Health Data
NFDI4Agri - NFDI for Agricultural Sciences
NFDI4Crime - National Research Data Infrastructure for Crime
NFDI4Medicine - NFDI Consortium of the Medical Informatics Initiative (MII) and the German Centers for Health Research (DZG)
DataPLANT - Data in PLANT research
GHGA - German Human Genome-Phenome Archive
Astro-NFDI - Astronomy, Astrophysics, and Astroparticle Physics within the National Research Data Infrastructure
This declaration is supported by the following consortia:
Forum X - An open forum on experiments across the disciplines
PAHN-PaN - Particle, Astroparticle and Hadron & Nuclear Physics Accelerate the NFDI
DAPHNE - Data for Photon and Neutron Experiments
BERD@NFDI - Business, Economic and Related Data at NFDI
NFDI4CAT - NFDI for Catalysis-Related Sciences
NFDI4MSE - NFDI for Material Sciences and Engineering
Text+ - Language- and Text-Based Research Data Infrastructure
NFDI4Culture - Consortium for research data on material and immaterial cultural heritage
NFDI4Ing - National Research Data Infrastructure for Engineering Science
NFDI4MobilTech - National Research Data Infrastructure for Mobility Technology

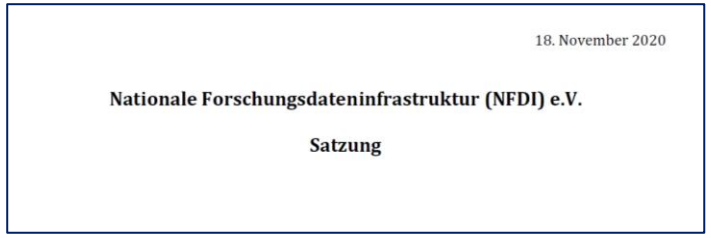
Berlin declaration (2019), DOI: 10.5281/zenodo.3457213


Leipzig-Berlin-Erklärung zu NFDI-Querschnittsthemen der Infrastrukturentwicklung
veröffentlicht am 15. Juni 2020
1. Motivation

Leipzig-Berlin declaration (2020), DOI: 10.5281/zenodo.3895209


Der Aufbau einer Nationalen Forschungsdateninfrastruktur (NFDI)
Zweite Stellungnahme des NFDI-Expertengremiums
November 2020
DFG

2. Stellungnahme DFG-Expertengremium (2020), www.dfg.de/foerderung/programme/nfdi/


18. November 2020
Nationale Forschungsdateninfrastruktur (NFDI) e.V.
Satzung

Satzung NFDI-Verein, www.nfdi.de/verein

Summary

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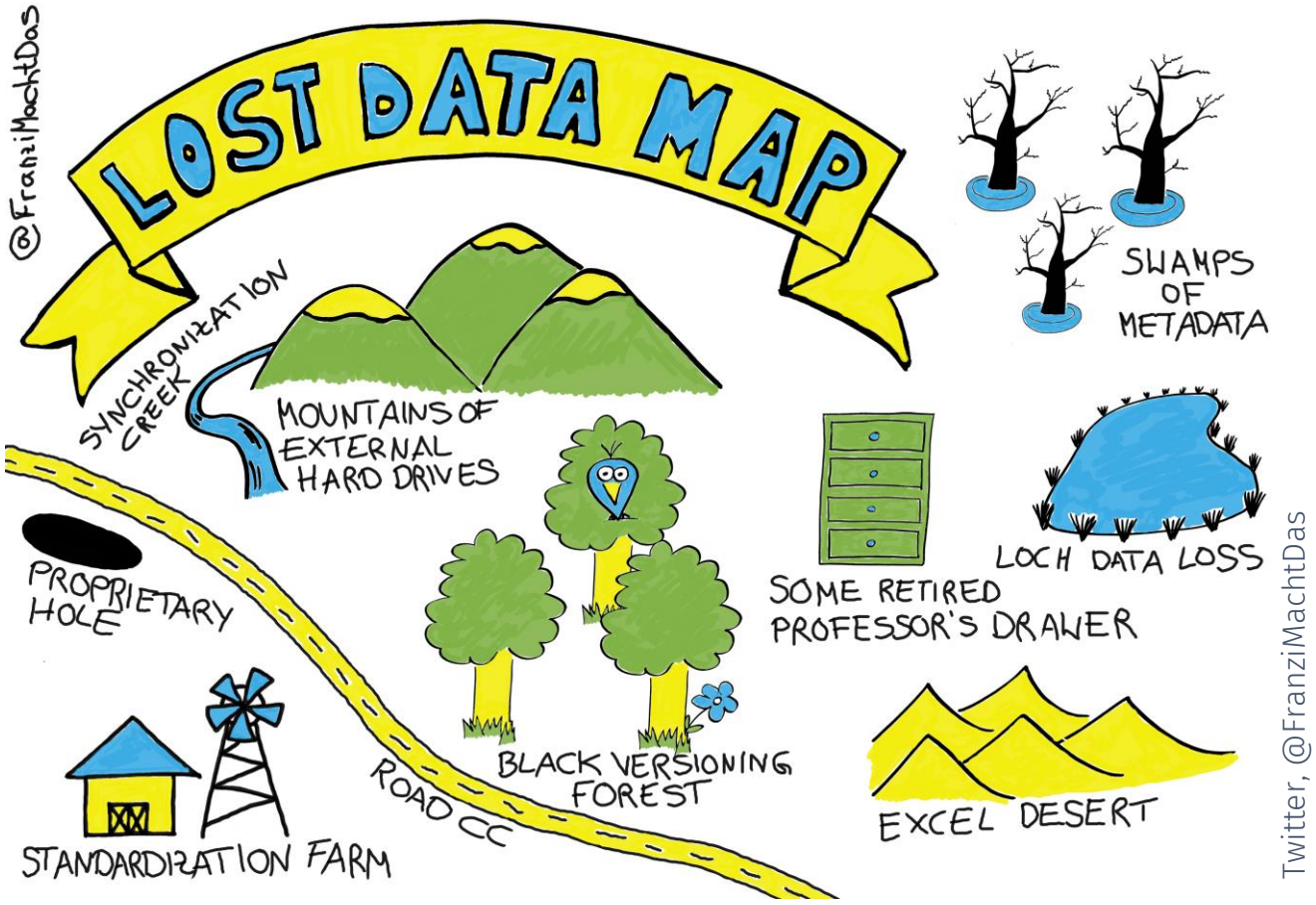

- NFDI draws a new map of open and fair data
- NFDI association bundles efforts across the disciplines/consortia in order to tackle cross-cutting topics.
- Sections of NFDI association will start in Q2/2021

Thank you for your attention!

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