

The Helmholtz Metadata Collaboration (HMC) Making Helmholtz Data FAIR

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www.helmholtz-metadaten.de

HMC Mission and Vision

Mission

- Turn FAIR into reality in Helmholtz
- Connecting the distributed Helmholtz research data ecosystem

Vision

- Create a sustainable, distributed, semantically enriched Helmholtz FAIR data space.

The FAIR data space is a "**decentralized infrastructure** for trustworthy data sharing and exchange in data ecosystems based on **commonly agreed principles**"

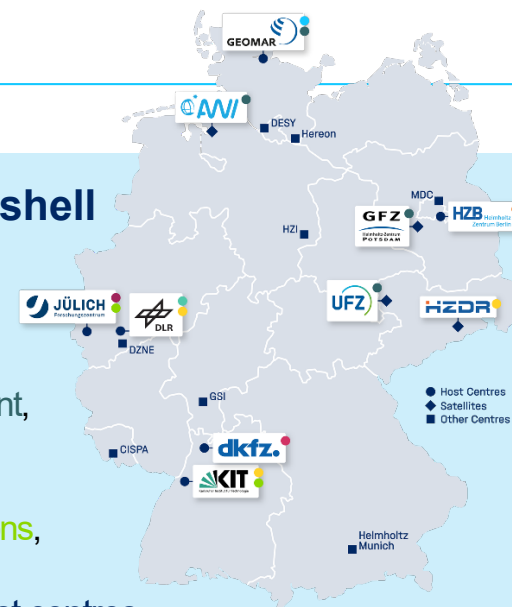
(Nagel L., Lycklama D., 2021)

HMC in a nutshell

8 HMC Units

Aeronautics,
Space & Transport,
Earth & Environment,
Energy, Health,
Information, Matter,
FAIR Data Commons,
HMC Office

at 6 Helmholtz host centres

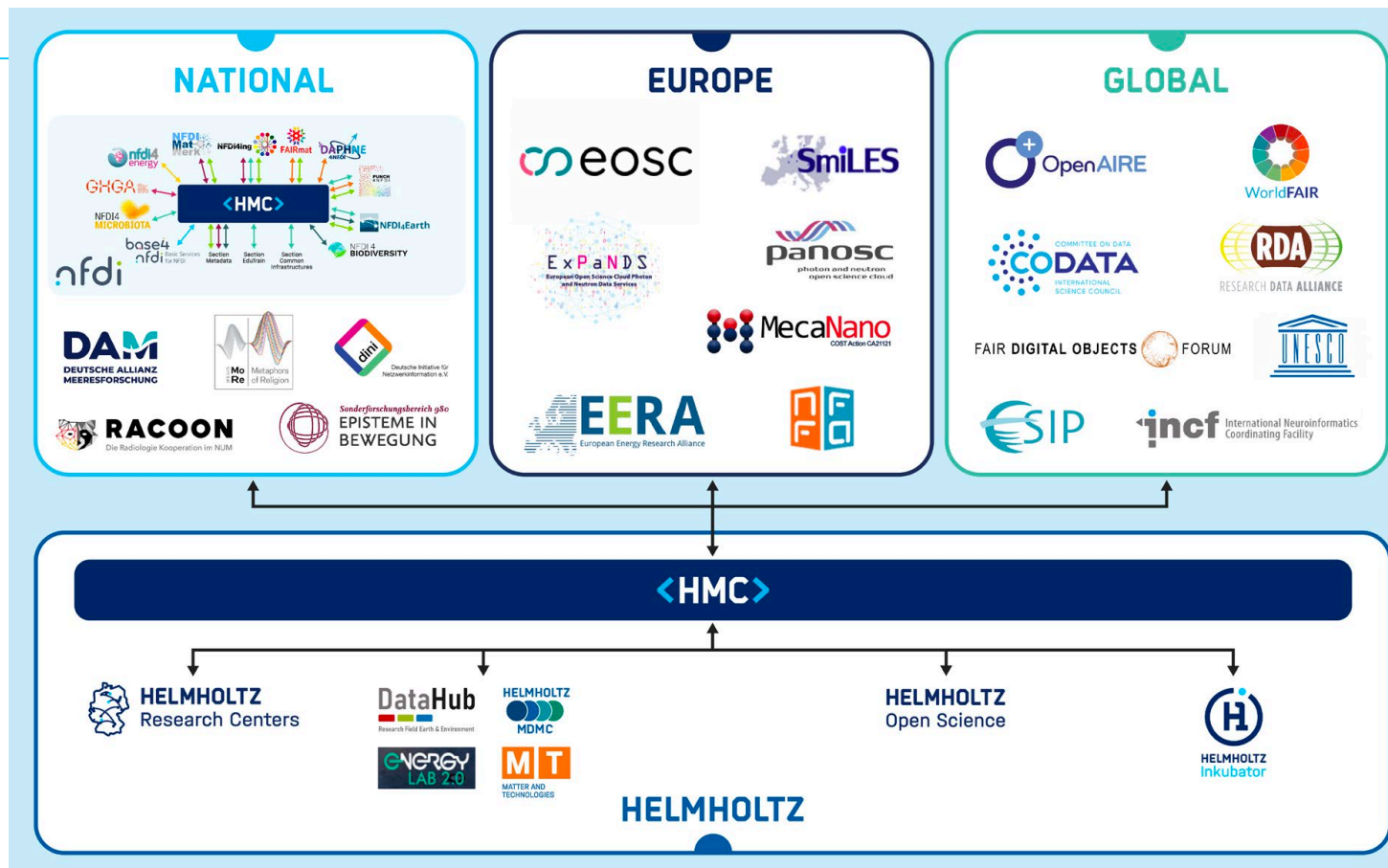


Stakeholders addressed by HMC:

data producers, repository managers, data curator,
data re-users & software developers, ...

HMC Network

- **Helmholtz** groups
- **NFDI**-consortia & sections
- **EOSC** task groups
- **Global** RDM and domain communities



HMC Activities

State of FAIR



Community
Surveys



FAIR
Assessment



Information
Portal

Data Connectivity



Metadata
Tools



FAIR
Digital Object
Implementation



Helmholtz
Knowledge
Graph

Community Implementation



Training &
Events

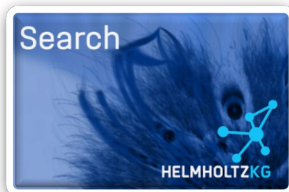


Guidelines &
Recommendations



Community
Projects &
Processes

HMC Activities with Impact to EOSC & NFDI



28 HMC Projects funded since 2020





we are <HMC> HELMHOLTZ Metadata Collaboration



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<HMC> HELMHOLTZ
Metadata Collaboration

HMC Conference

> Virtual Event
04. - 06. 11. 2024

REGISTER NOW

<HMC>
FAIR FRIDAY

15/11/2024
HERMES: FAIR(ER) SOFTWARE PUBLICATION THROUGH RICHER METADATA

With STEPHAN DRUSKAT
From German Aerospace Center (DLR)

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