

HelmholtzZentrum münchen

German Research Center for Environmental Health

Metadata generation, enrichment and linkage across the three domains health, environment and earth observation

Kathrin Wolf (HMGU), Jan Bumberger (UFZ), Hannes Taubenböck (DLR)

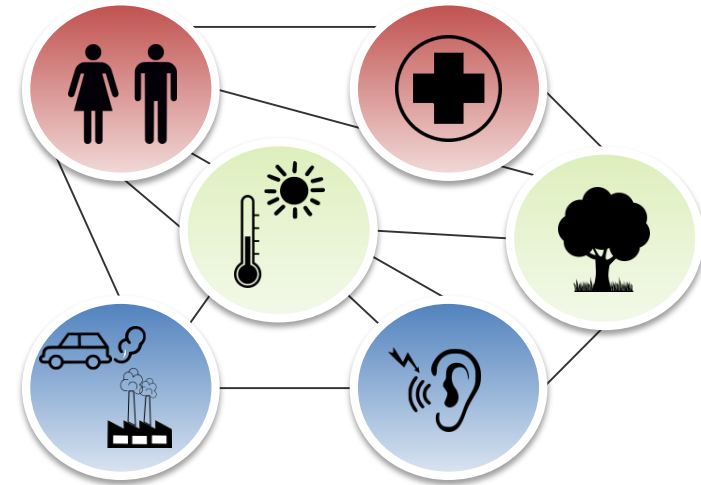
HELMHOLTZ RESEARCH FOR
GRAND CHALLENGES

<HMC> | HELMHOLTZ
METADATA COLLABORATION

HMC Project Welcome Meeting, 13.04.2021

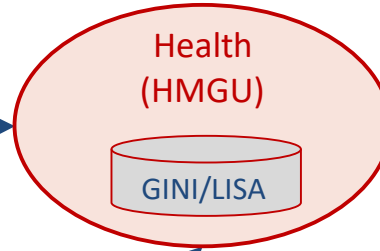
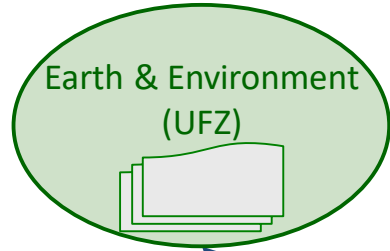
What is our project about?

- Generation and enrichment of interoperable metadata for exemplary data of our three domains
 - Health (HMGU)
 - Earth & Environment (UFZ)
 - Aeronautics, Space & Transport (DLR)
- Compilation of machine-readable metadata schemes in a standard suitable for HMC
- Mapping of these schemes so that they can be jointly queried, searched and integrated into HMC



Who are we?

PI: Jan Bumberger



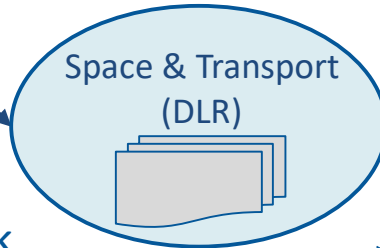
PI: Kathrin Wolf



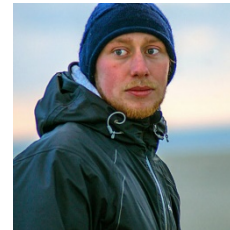
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PI: Hannes Taubenböck



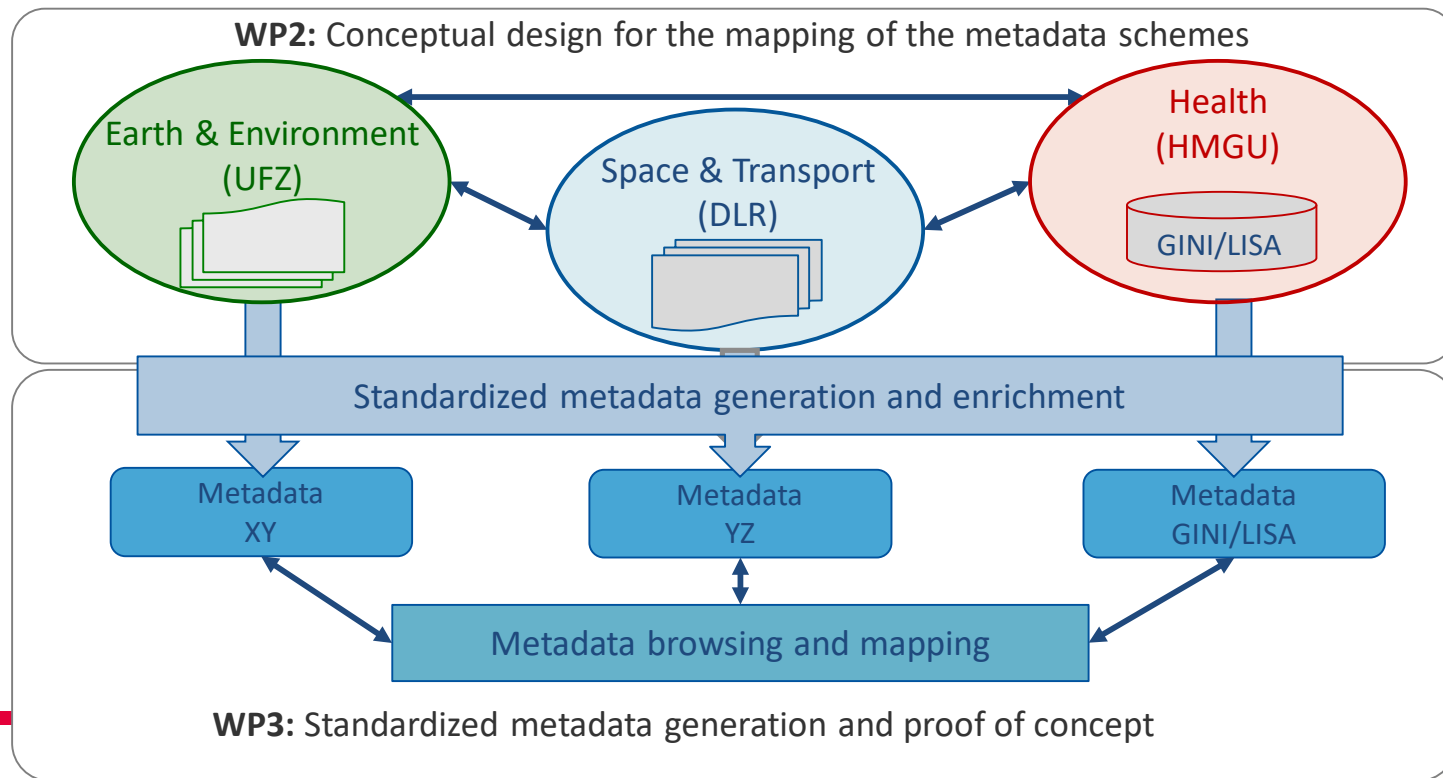
Jeroen Staab



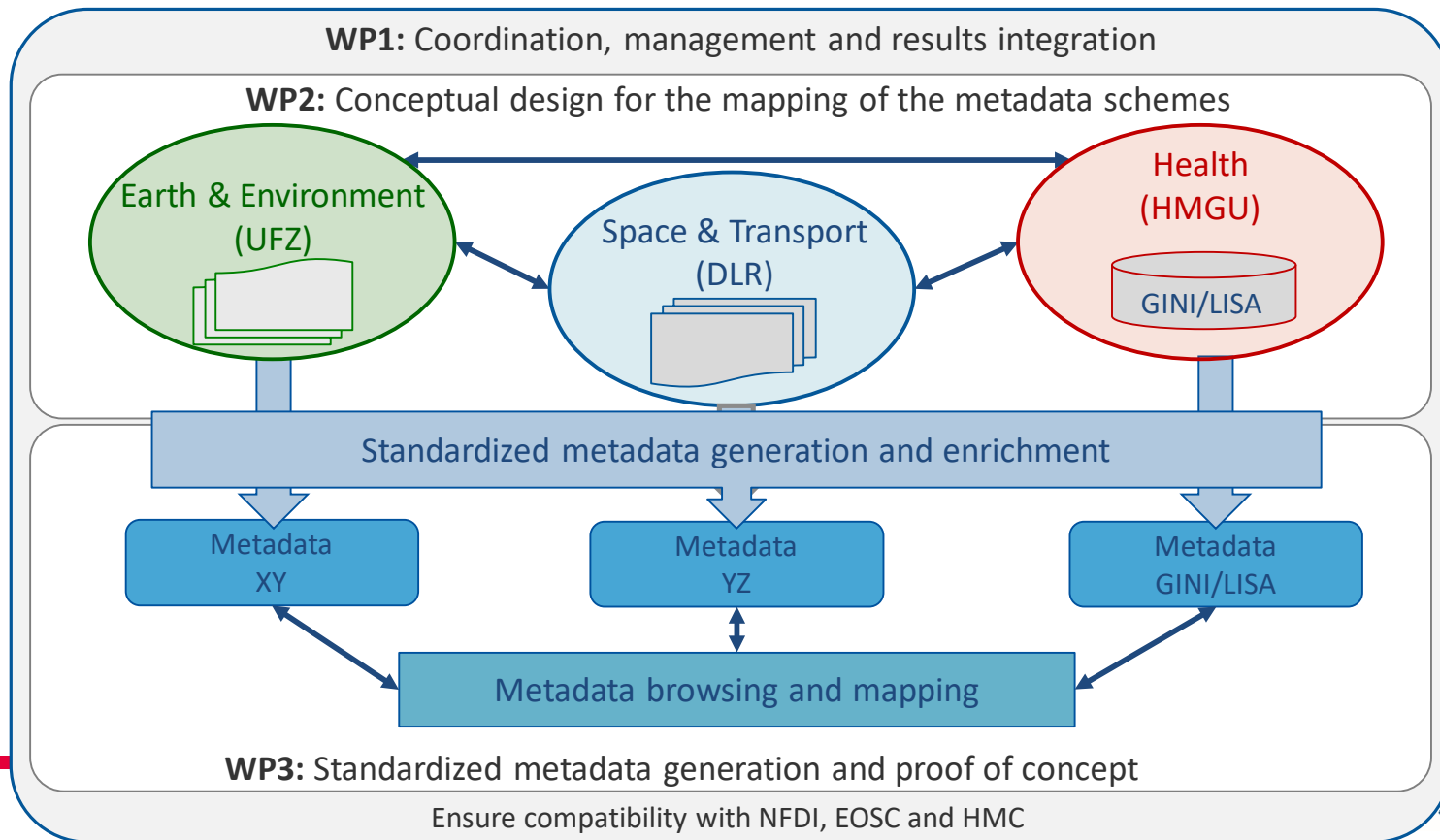
Marco Dallavalle



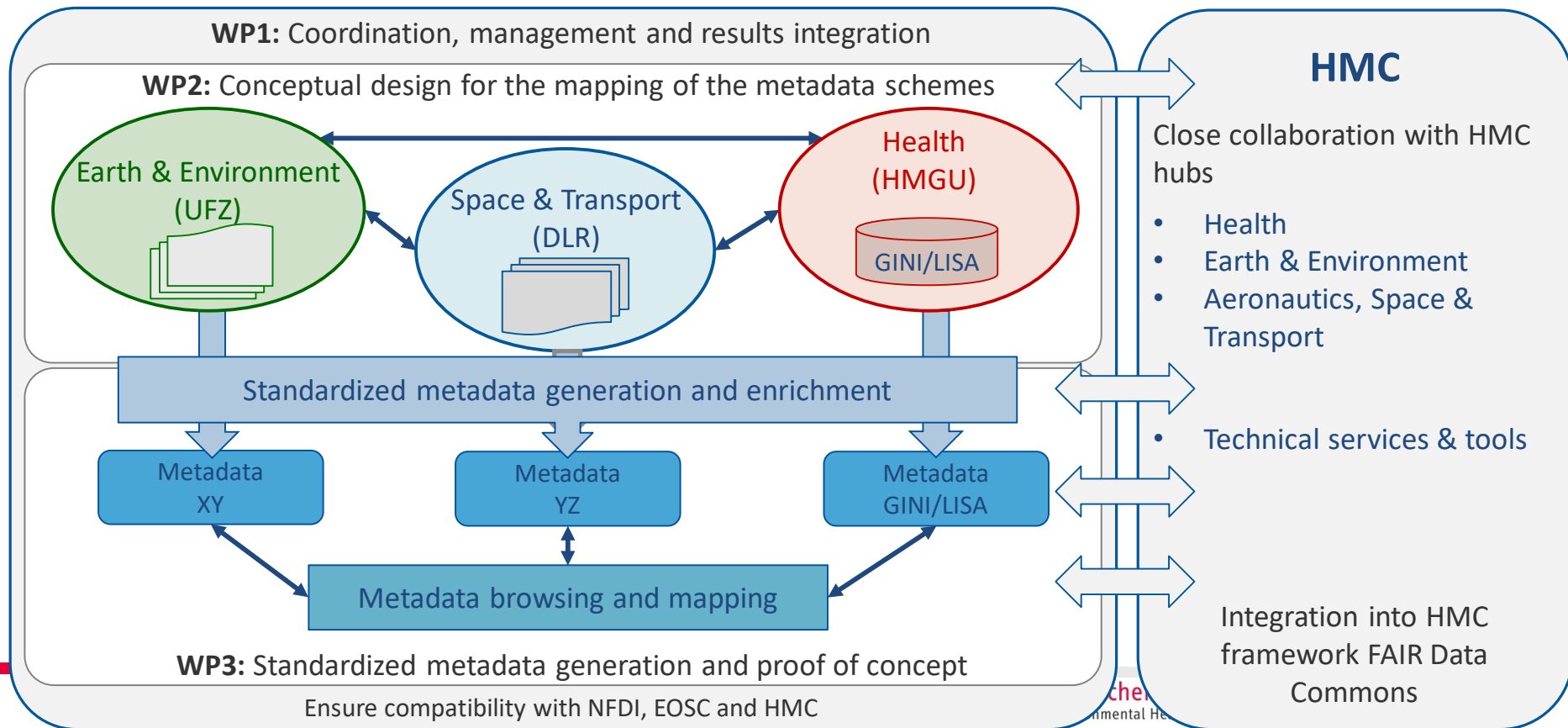
What do we plan?



What do we plan?



Where is the linkage to HMC?



How can HMC support us?



- Joint platform for exchange of ideas, concepts, schemes, ontologies ...
- Support in **registration of data types** to establish FAIR Digital Objects (ePIC Data Type Registry)
- Support the **compilation of vocabularies** (vocabulary registry) to link our schemes to NFDI (National Research Data Infrastructure), EOSC (European Open Science Cloud) and other large-scale infrastructures
- Support in the **integration of HMC components** (e.g. metastore and metadata standards catalog) for mapping and reporting

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Email: kathrin.wolf@helmholtz-muenchen.de

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