HMC HELMHOLTZ METADATA COLLABORATION

Helmholtz-Zentrum hereon

AWI

UFZ HELMHOLTZ Centre for Environmental Research

GFZ Helmholtz Centre Potsdam

GEOMAR

HMC Earth and Environment - Community Involvement
FAIR IMP-lementation Network (F-IMP) and the Community Portal

Emanuel Söding[1] // Martin Weinelt[1] // Pier Luigi Buttigieg[2] // Andrea Pörsch[3]

[1] GEOMAR Helmholtz Centre for Ocean Research
[2] Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research (AWI)
[3] Helmholtz Centre Potsdam GFZ German Research Centre for Geosciences
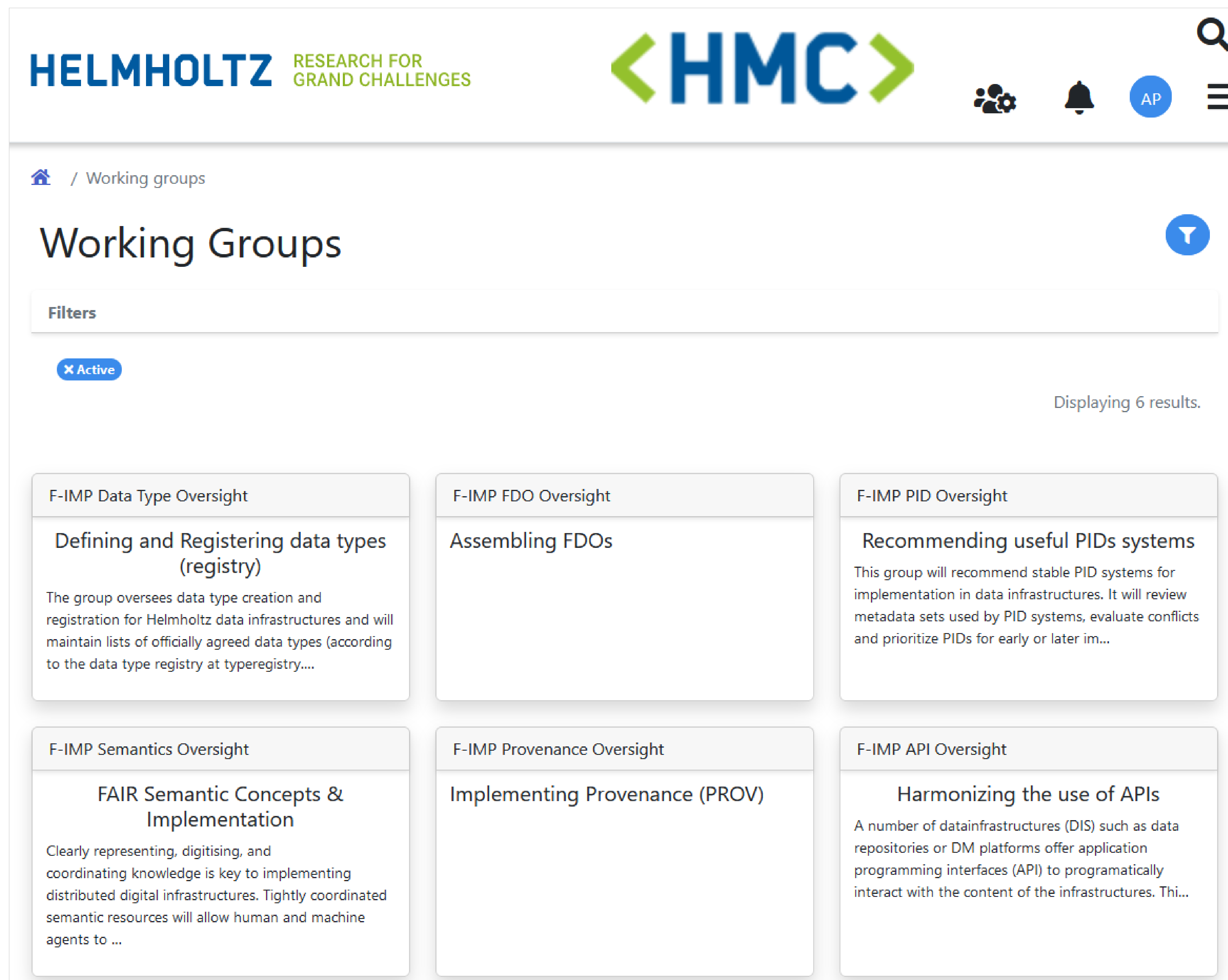
FAIR-IMP-lementation Network

The desired Interoperability of data as outlined by the FAIR principles, requires a harmonization of data handling processes among data infrastructures.

To support the adoption of agreements on such processesand thus further develop the "ROAD TO FAIR", we are currently establishing a FAIR-IMP-lementation Network.

With this communication network we encourage the data management community to present suitable use cases, develop solutions and make recommendations for the implementation of data handling procedures not only within the Helmholtz Association but also beyond.

Examples of Topics for the Working Group (WG) PIDs in Data Infrastructures could be:

- Topic I - Check whether ROR is suitable and can be recommended as a PID for organizations for the Helmholtz Association.

- Topic II - Evaluation of the PIDINST.

HELMHOLTZ RESEARCH FOR GRAND CHALLENGES **HMC**

/ Working groups

Working Groups

Filters

× Active

Displaying 6 results.

F-IMP Data Type Oversight

Defining and Registering data types (registry)

The group oversees data type creation and registration for Helmholtz data infrastructures and will maintain lists of officially agreed data types (according to the data type registry at typeregistry....

F-IMP FDO Oversight

Assembling FDOs

F-IMP PID Oversight

Recommending useful PIDs systems

This group will recommend stable PID systems for implementation in data infrastructures. It will review metadata sets used by PID systems, evaluate conflicts and prioritize PIDs for early or later im...

F-IMP Semantics Oversight

FAIR Semantic Concepts & Implementation

Clearly representing, digitising, and coordinating knowledge is key to implementing distributed digital infrastructures. Tightly coordinated semantic resources will allow human and machine agents to ...

F-IMP Provenance Oversight

Implementing Provenance (PROV)

F-IMP API Oversight

Harmonizing the use of APIs

A number of datainfrastructures (DIS) such as data repositories or DM platforms offer application programming interfaces (API) to programatically interact with the content of the infrastructures. Thi...
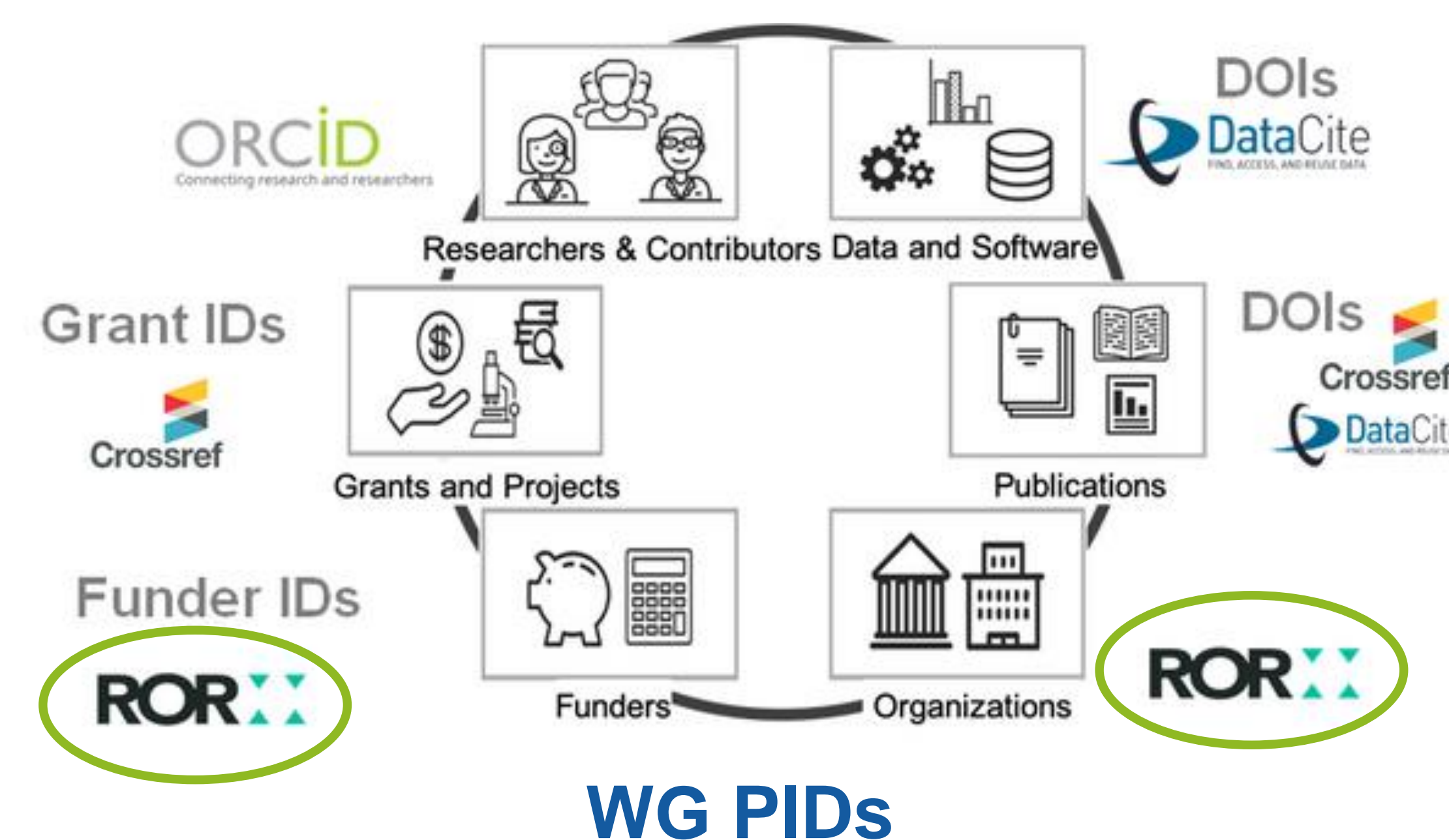
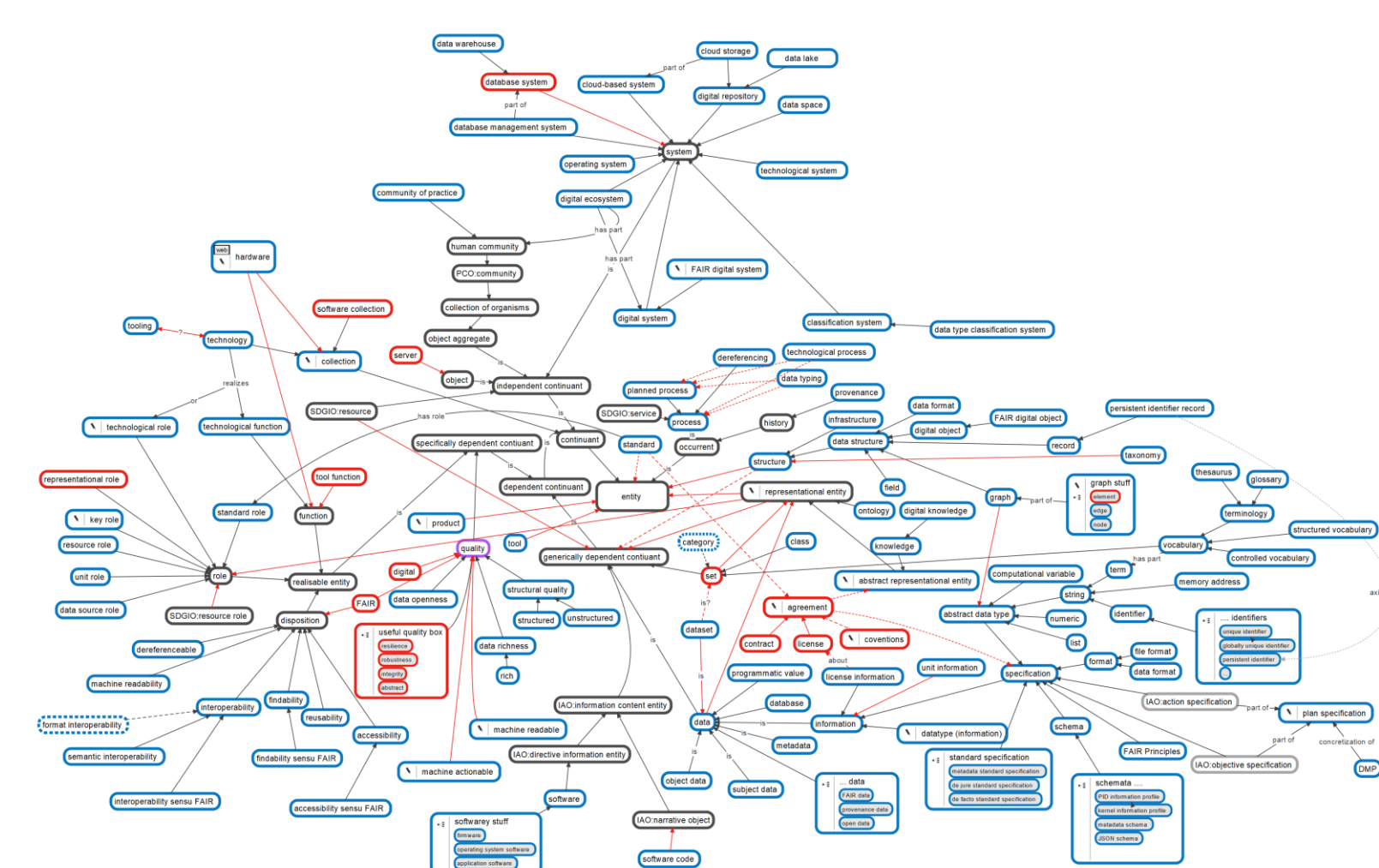## Interested in Concretization of FAIR?

Then join us !

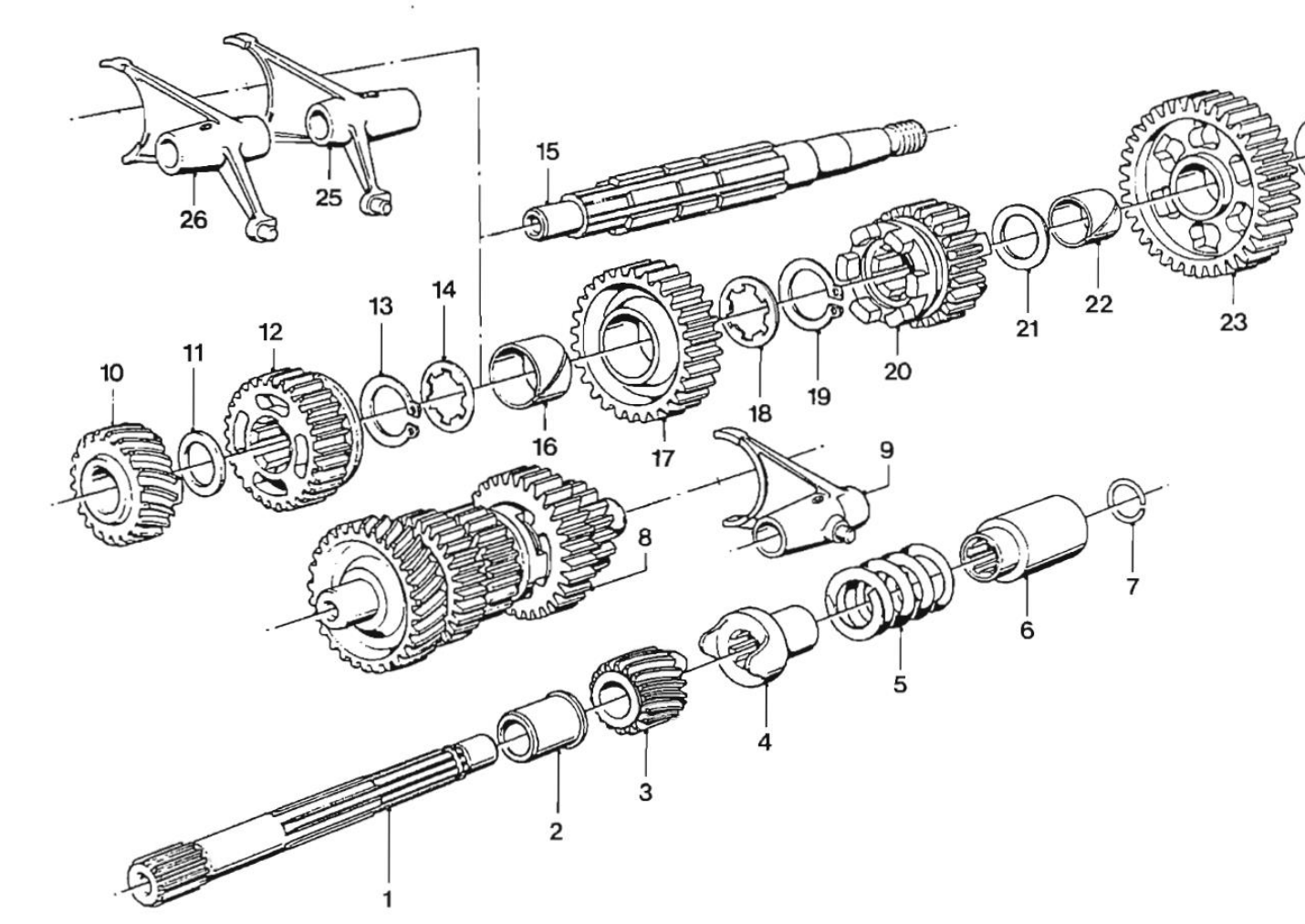## Our transparent procedure on the Community Portal will be:

- Search for overlaps
- Uncover gaps
- Search for the common added value
- Discuss the possible solutions
- Test of implementation in use cases
- Document justification, and
- Develop recommendations
- Presentation of FAIR Implementing Rules at the Community Portal
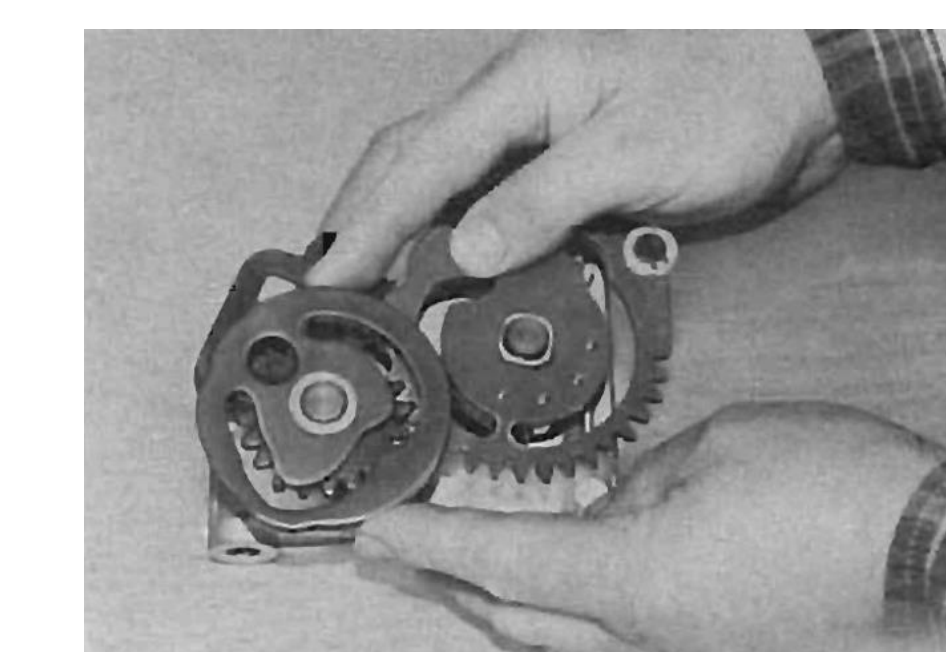- Keep guidelines up to date

The Portal is

Powered by hereon

Image Sources Reference:

https://www.manualslib.com/manual/179183/Bmw-R80-G-S-1981.html

https://projects.tib.eu/pid-service/persistent-identifiers/persistent-identifiers-pids/

https://nubes.helmholtz-berlin.de/index.php/f/556288459 (HMC CCT 7, Poster ID 2-26)

WG PIDs

WG Semantic Concepts

WG Interfaces & APIs