

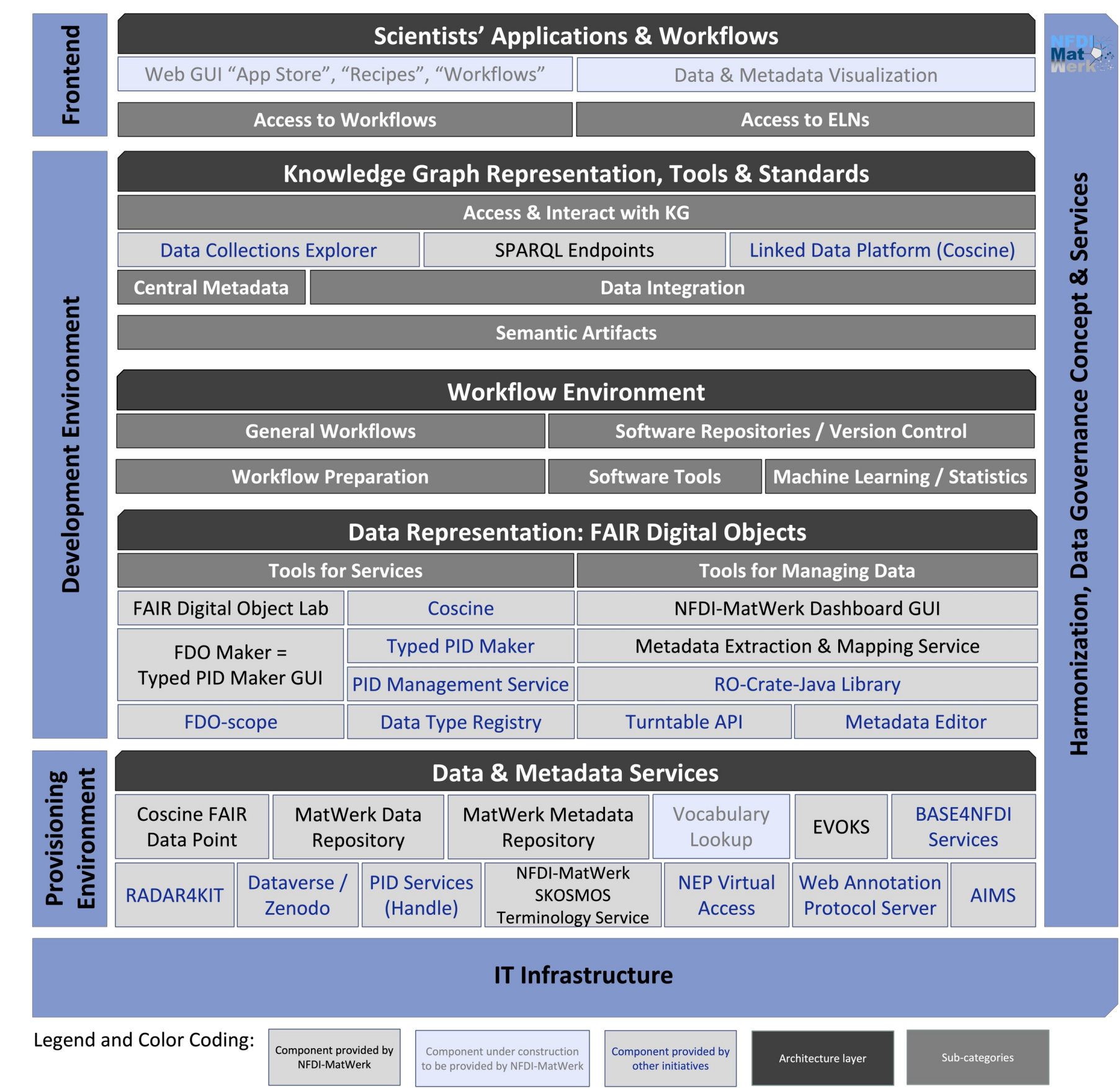
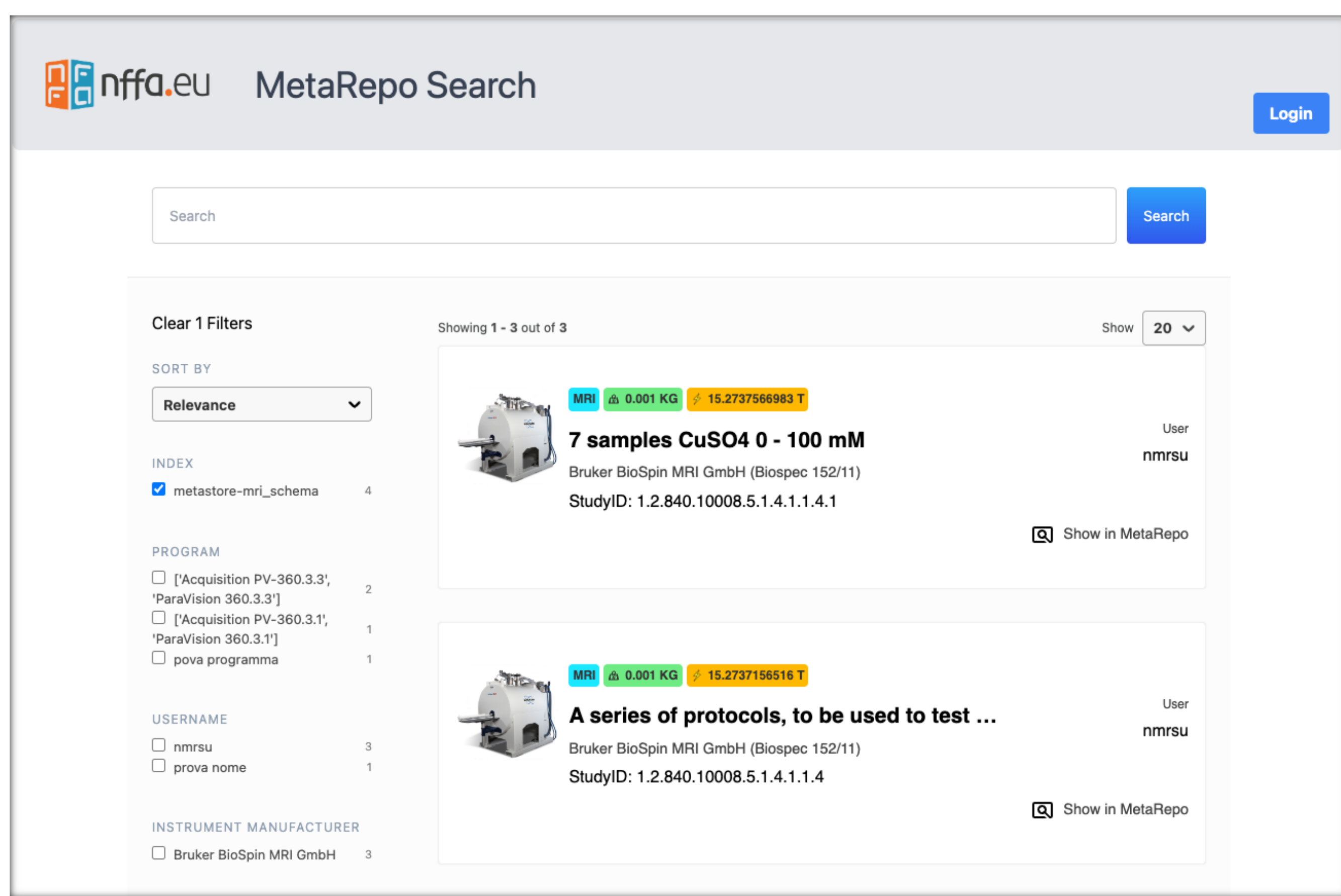
FAIR Data Commons Application Use Cases

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FAIR Data Commons offers various generic tools and services, which are actively used by different projects and communities. They are valuable to foster data and metadata management by providing standardized and easy-to-use interfaces. FAIR Data Commons supports different communities with their data and metadata management, as well as data storage in specific repository instances. Moreover, it provides different services, which enables the creation and handling of FAIR Digital Objects as well as their visualization. In addition, it provides services to enable the annotation of texts and images, and the creation and publishing of vocabularies. All the designed and implemented tools aim to facilitate the work of researchers by enabling access and reuse of data from different domains.

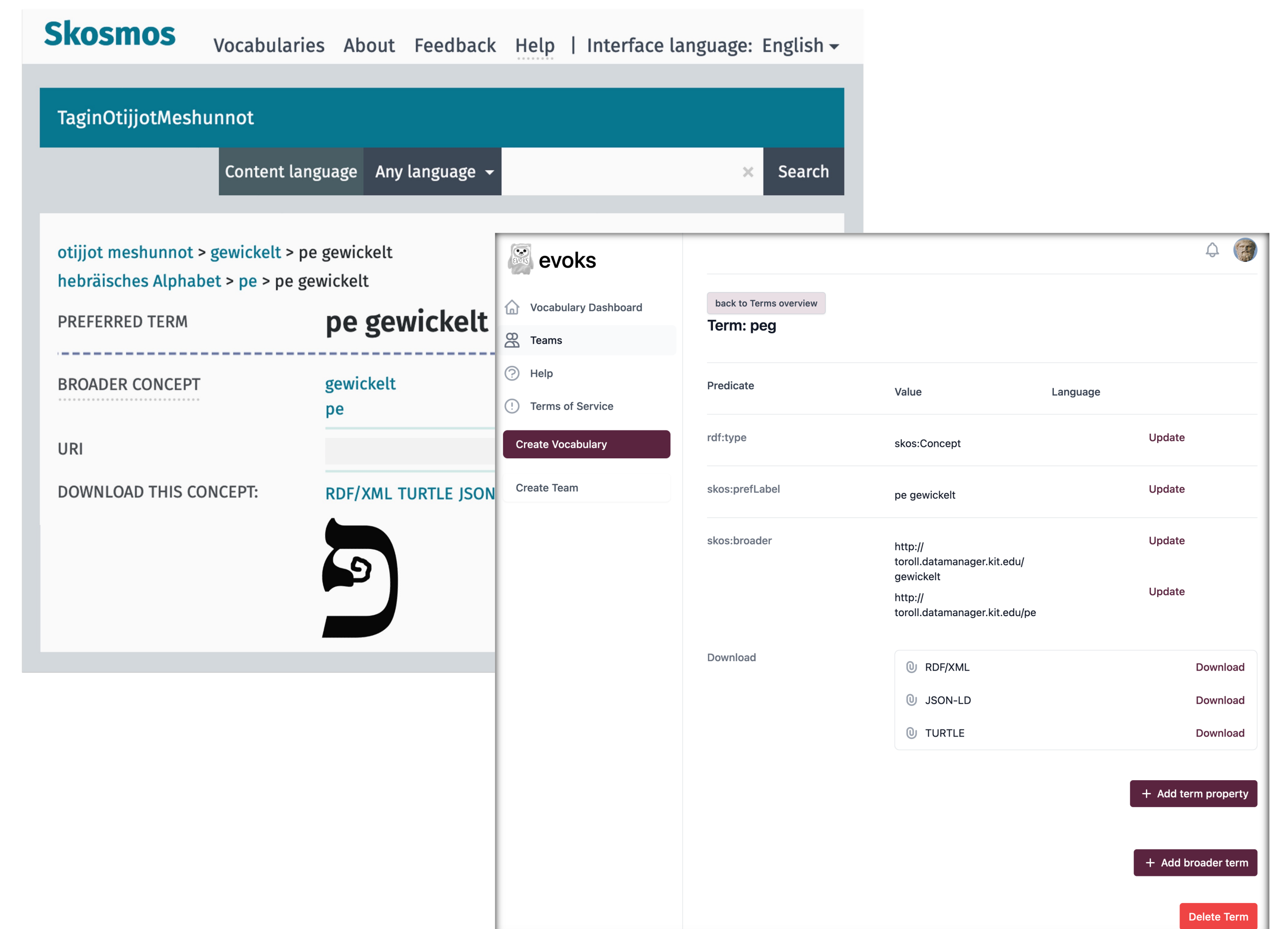
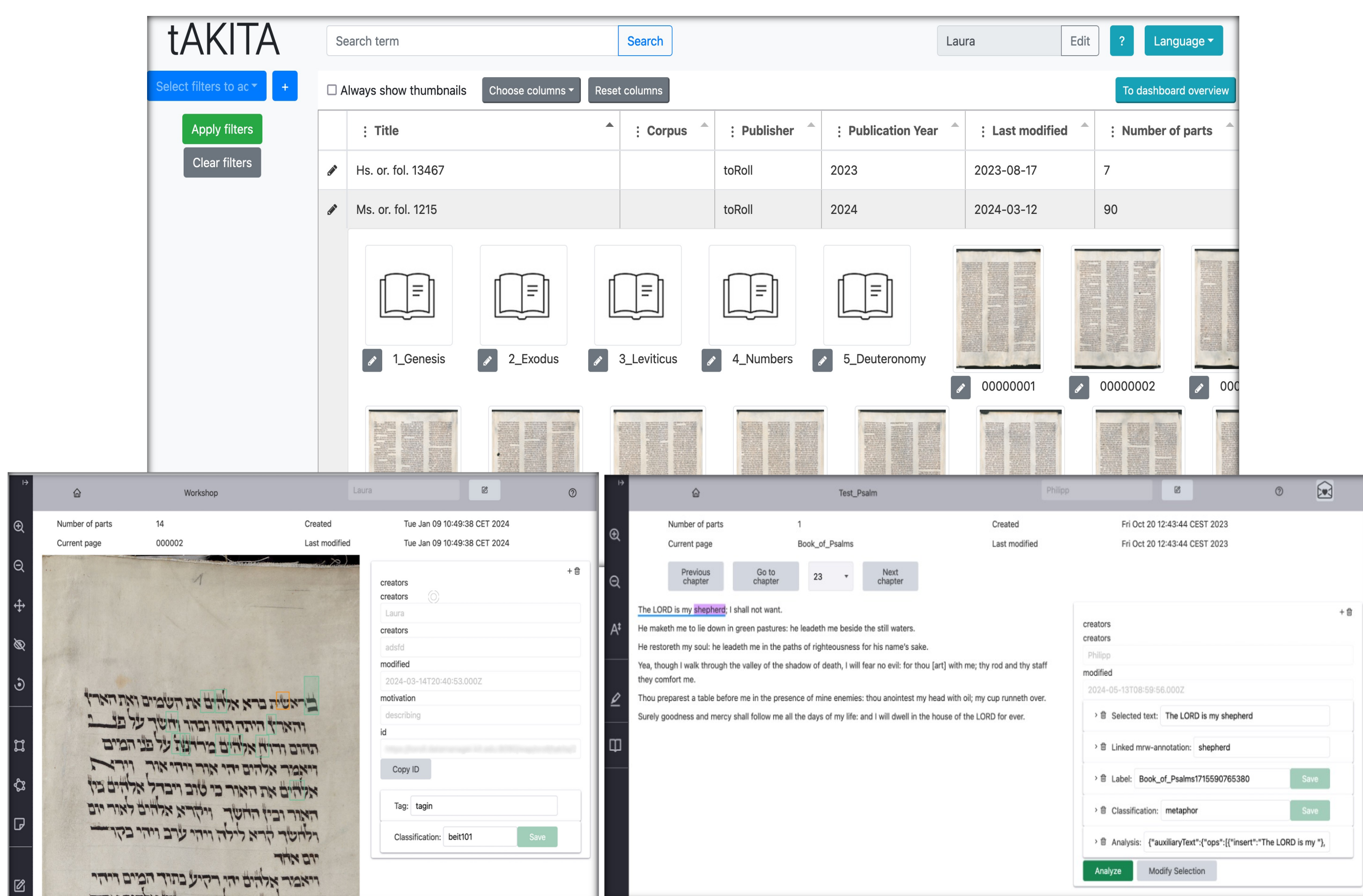
Materials Science Use Cases



MetaRepo is a **Metastore** instance for NFFA Europe project. It is a metadata and schema repository, which enables researchers to manage their metadata documents related to a specific resource. To allow access to the repository, **frontend-collection** offers an intuitive graphical user interface. Additionally, a customized generic search UI is provided.

The above graphic illustrates the architecture of the NFDI-MatWerk project. Various services, enabling data and metadata management as well as FAIR DO handling, are used. These tools are implemented within the HMC context.

Digital Humanities Use Cases



tAkita represents a user interface to access the stored objects as well as their appropriate metadata and data¹. Furthermore, it functions as an annotation editor for text and image material. The annotations are based on the Web Annotation Data Model and are stored in the **Web Annotation Protocol Server**.

EVOKS is a vocabulary editor enabling the collaborative creation, editing, and curation of vocabularies in SKOS format. These vocabularies can be easily published within a SKOSMOS instance, which represents an open-source web-based SKOS browser and publishing tool.

Reference
¹ Staatsbibliothek zu Berlin - PK: <https://tinyurl.com/Tora-Rolle>. Ms. or. fol. 1215

