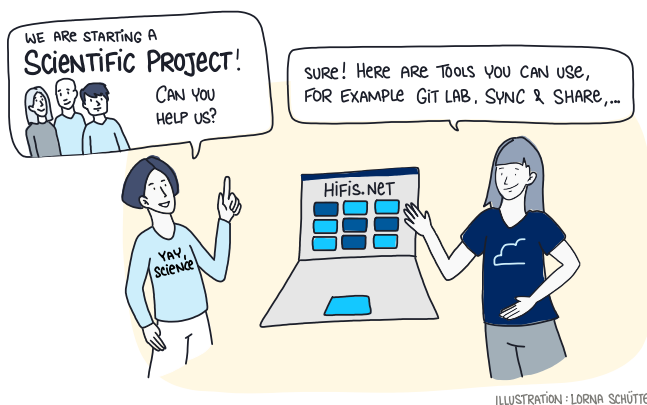


HIFIS: Digital Services for Helmholtz & Partners

With HIFIS and the four other platforms (HIDA, Helmholtz Imaging, HMC and Helmholtz AI), the Helmholtz Association brings together the enormous data treasure and the diverse, decentralised expertise of its 18 research centres.

HIFIS supports scientific projects with IT resources, services, consulting and expertise from the collection, storage and analysis of research data to the publication of the results.

A particular focus is placed on research software development.



Helmholtz Cloud: Power your Research with the Cloud made for Science

Take your research project from proposal to publication with cloud-based tools: collaborate on documents, train AI models, organise your group's work, publish your data. **Helmholtz.Cloud** services are available to everyone at Helmholtz and their collaboration partners.

Browse services [here](#), including:

- **Software Engineering** – e.g., Helmholtz Codebase, Helmholtz Research Software Directory
- **Writing & Editing** – e.g., Overleaf, HedgeDoc, BLABLADOR
- **Data Management** – e.g., SciCat, OMERO, dCache InfiniteSpace
- **Data Analysis & Compute** – e.g., Jupyter on GPU, HAICORE, Aptainer
- **Networking** – e.g., Let's meet!, Indico, Helmholtz Imaging Connect

HIFIS sustainably protects sensitive data by storing and processing it in Helmholtz-owned data centers. This en-

sure that data remains within the German research landscape and is available to current and future generations of researchers.

Use Your Own Credentials for (almost) Everything

The Helmholtz-wide, internationally accessible authentication and authorization infrastructure (**Helmholtz ID**) enables access to all services using the credentials of your home institution. As of March 2026, more than 50,000 registrations have been recorded, and the number continues to grow.

HIFIS and Research Software Development (RSE)

Today, hardly any scientific project is carried out without software. Whether in-house developments or third-party applications, the quality, traceability, and reproducibility of research depend strongly on software. HIFIS supports research software development with a wide range of services.



HIFIS Education & Training offers courses for both beginners and advanced users in research software development. In 2025, 583 participants were trained in 33 events. Special courses can also be requested. All course offerings are available [here](#).

Helmholtz Software Consulting is an individual and free offer for all researchers of the Association. We assist with topics such as research software engineering, open source, licensing and implementation of software projects. More information can be found [here](#).

Use HIFIS offers for your daily work, for projects in the Helmholtz Association and beyond.

Empowering scientists with digital services.