



## FIZnews

### CONTACT

**Dr. Babett Bolle**  
Communication  
Phone +49 7247 808 513  
babett.bolle@fiz-karlsruhe.de  
Germany

**Dr. Franziska Schneider-Willenbacher**  
Consultant for science communication  
Phone +49 7247 808-525  
franziska.schneider-willenbacher@  
fiz-karlsruhe.de  
Germany

Page 1 of 3

---

# FIZ Karlsruhe & OpenAIRE: Connecting Infrastructures

*Karlsruhe, March 25, 202e* — FIZ Karlsruhe and OpenAIRE have formalised a partnership to strengthen the integration, quality, and interoperability of research information across Europe. A central focus of this collaboration is to connect Germany's Nationale Forschungsdateninfrastruktur (NFDI) more closely with European Open Science ecosystems - an important priority for FIZ Karlsruhe.

By contributing curated, authoritative data and aligning metadata standards, FIZ Karlsruhe helps ensure that information from NFDI contexts and German research organisations is accurately represented within infrastructures such as the OpenAIRE Graph and the European Open Science Cloud (EOSC). This improves consistency, reduces fragmentation, and strengthens interoperability across national and European systems.

The collaboration also enables FIZ Karlsruhe to create tailored datasets from the OpenAIRE Graph for the German research community, supporting services such as the Competence Network of Bibliometrics. By strengthening the links between publications, datasets, software, and organisations, these efforts enhance the usability of NFDI-related data for analysis and strategic decision-making.

Through this partnership, FIZ Karlsruhe brings NFDI perspectives into the European landscape, while OpenAIRE further enriches the OpenAIRE Graph with



high quality, curated information from the German research ecosystem. Together, the partners contribute to a more connected and reliable research information space, providing researchers, institutions, funders, and policymakers with better access to high-quality, interoperable data. The collaboration reinforces a shared commitment to advancing science through openness, quality, and international cooperation.

## Quotes

### Quote from FIZ Karlsruhe:

“This collaboration with OpenAIRE is a key step in connecting Germany’s Nationale Forschungsdateninfrastruktur with the broader European Open Science landscape. By contributing our expertise in high-quality data curation and knowledge graph technologies, we aim to ensure that research information from Germany is accurately represented, interoperable, and reusable across infrastructures such as the European Open Science Cloud. Ultimately, this partnership enables us to provide better, more connected data to researchers, institutions, and policymakers, and to actively shape the future of Open Science in Europe.”

### Quote from OpenAIRE:

“This partnership with FIZ Karlsruhe is instrumental in bridging Germany's Nationale Forschungsdateninfrastruktur with the European Open Science ecosystem and, more generally, the global scholarly communication infrastructure. By enhancing data quality and interoperability, we are not just improving access to research information for researchers and policymakers, but also actively shaping the future of Open Science in Europe, paving the way for other countries to move towards open data-based research intelligence. Together, we can ensure that valuable research data is connected, reusable, and accessible across borders.



About FIZ Karlsruhe: FIZ Karlsruhe – Leibniz Institute for Information Infrastructure is one of the large infrastructure institutions in Germany and member of the Leibniz Association. It provides information to researchers in science and industry worldwide and develops very large volumes of patent and research information. For precise research and intelligent analysis, FIZ Karlsruhe develops and operates innovative information services and e-research solutions, e.g. for research data management and digital preservation. Since 2013, the institute also has been conducting research in the subjects Machine Learning & Knowledge Graphs, Copyright & Data Privacy Law, Mathematical Information Infrastructure and Patents & Scientific Information.

About OpenAIRE: OpenAIRE is a Non-Profit Partnership, established in 2018 as a legal entity, OpenAIRE AMKE, to ensure a permanent open scholarly communication infrastructure and support research in Europe and beyond. OpenAIRE is making Open Science happen. Collectively and in practical ways. Its fields of expertise and activities include services, policies and training. Operating since 2009, OpenAIRE is an integral part and a leading force behind the European Open Science Cloud developments.

.....  
**FIZ Karlsruhe – Leibniz Institute for Information Infrastructure** is one of the leading addresses for scientific information and services and a member of the Leibniz Association. Our core tasks are to provide science and industry with professional research and patent information and to develop innovative information infrastructures, with, for example, a focus on research data management, knowledge graphs and digital platforms. To this end, we conduct our own research, cooperate with renowned universities and research associations and are internationally and interdisciplinarily networked. FIZ Karlsruhe is a non-profit limited liability company and one of the largest non-academic institutions of its kind. For more information, please visit [www.fiz-karlsruhe.de/en](http://www.fiz-karlsruhe.de/en)

#### **Press Contact**

##### **Communication**

**Dr. Babett Bolle**

Phone +49 7247 808 513

[babett.bolle@fiz-karlsruhe.de](mailto:babett.bolle@fiz-karlsruhe.de)

##### **Consultant for science communication**

**Dr. Franziska Schneider-Willenbacher**

Phone +49 7247 808-525

[franziska.schneider-willenbacher@](mailto:franziska.schneider-willenbacher@fiz-karlsruhe.de)

[fiz-karlsruhe.de](http://fiz-karlsruhe.de)

#### **More Information**

FIZ Karlsruhe – Leibniz Institute  
for Information Infrastructure  
Hermann-von-Helmholtz-Platz 1  
76344 Eggenstein-Leopoldshafen  
Germany

Phone +49 7247 808 0

E-Mail

[contact@fiz-karlsruhe.de](mailto:contact@fiz-karlsruhe.de)

