

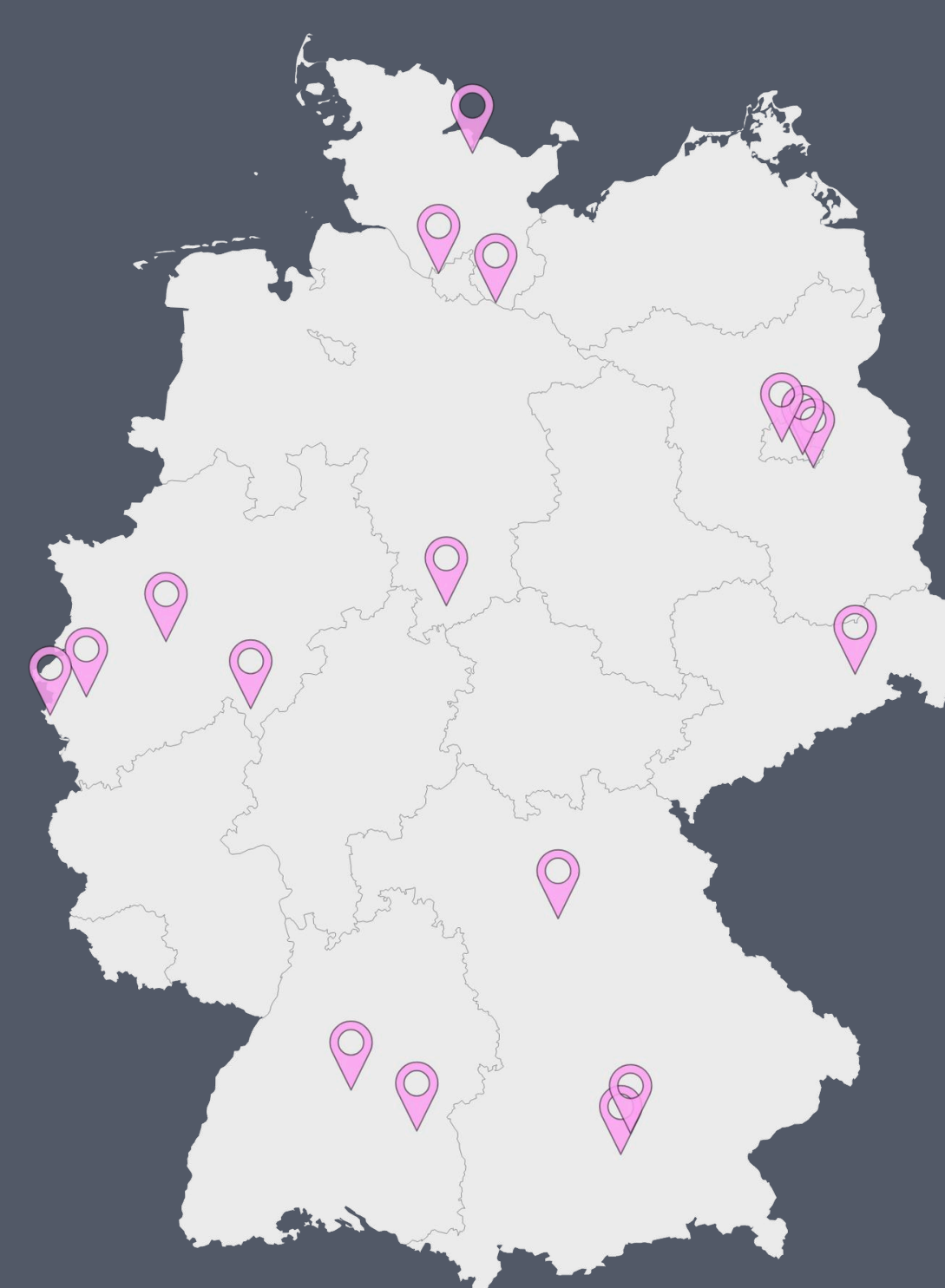
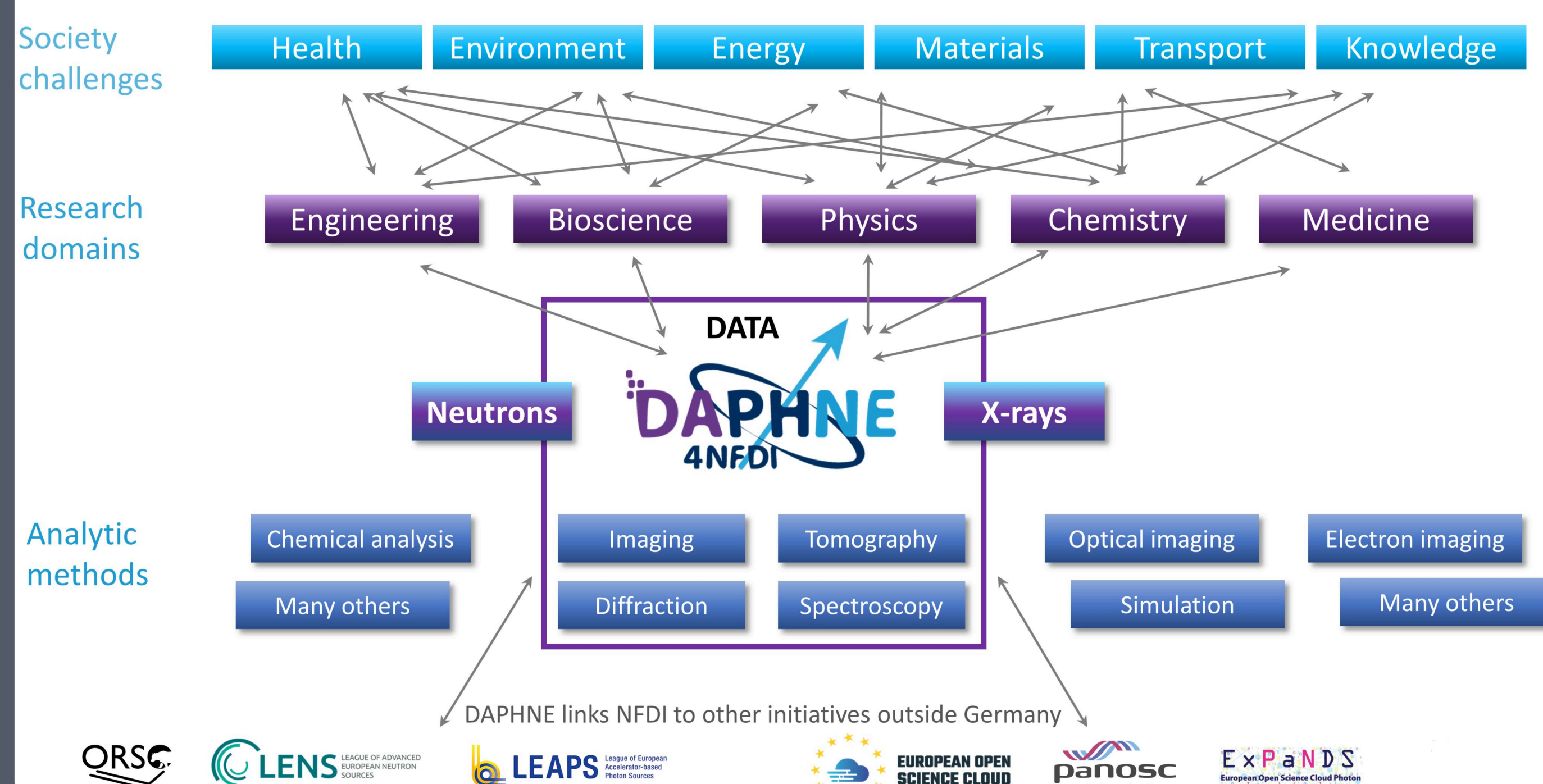
Introduction

At the European XFEL various collaborations with other facilities and universities take place. This poster aims to advertise past, ongoing and future projects related to the DAPHNE4NFDI (Data for Photon and Neutron Experiments) consortium, a German wide collaboration that brings together users, facilities and developers together to work towards fair data within the PaN sciences.

Participating institutions

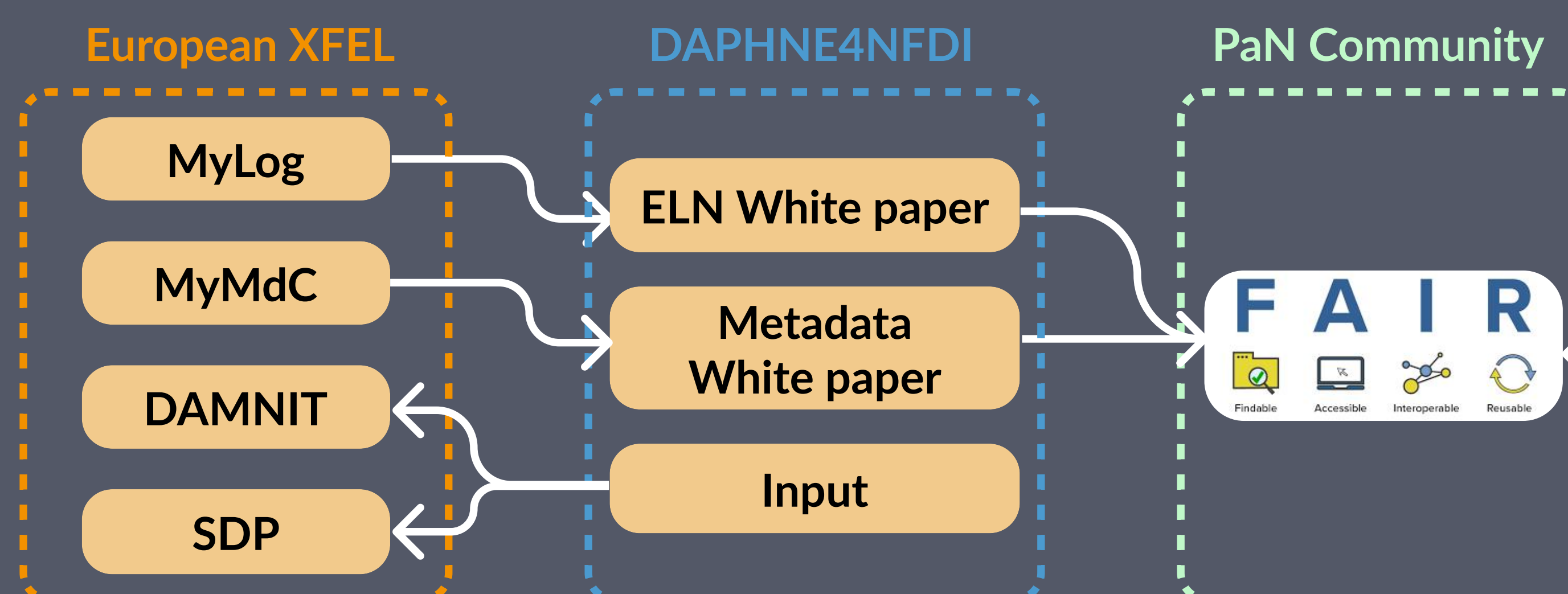


Impact extends far beyond the physics or materials science community



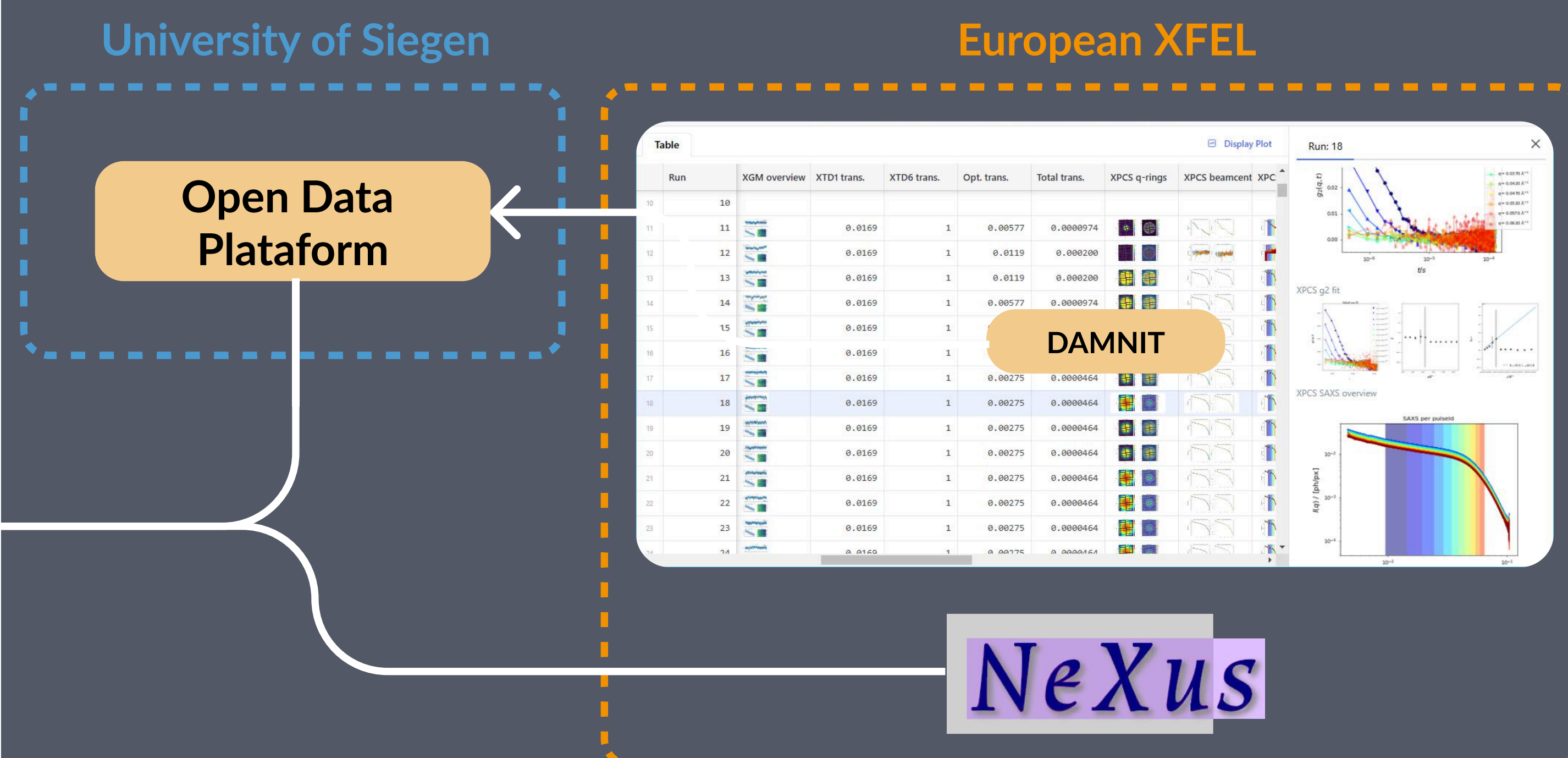
Two-way exchange

The EuXFEL participates actively at DAPHNE meetings and working groups, which provides us with valuable input from other facilities and users. For instance, during the writing of our new Scientific Data Policy (SDP), consultation with DAPHNE members was an important part of the process. Likewise, we provide the consortium with information about our solutions. As an example, showcasing our DAMNIT tool brought attention of the PaN community to our application, boosting its development. Furthermore, by exchanging information regarding our metadata schema and ELN, white papers on these two topics with recommendations for the whole PaN community were written, with the goal of piloting PaN related data towards FAIRness.



XPCS use-case

Within DAPHNE4NFDI various use-cases are addressed in order to make tangible deliverables. The XPCS use-case was assigned to the EuXFEL and University of Siegen. As deliverable, a prototype is under development, that will allow users to export DAMNIT data to an XPCS open fair data platform being currently developed at the University of Siegen. Likewise, aligning XPCS data produced at the EuXFEL with NeXus standards is also under discussion. These efforts pilot the data produced in our facility towards FAIRness, increasing impact and quality of the scientific research.



Get involved

New LLM working group!

A new LLM working group is having monthly meetings with the DAPHNE collaborators, with main focus on using ELNs to enhance metadata capture. If you are interested contact us!

Upcoming annual meeting

Every year all DAPHNE members get together to continue, report and start collaborations. Are you needing input or have something cool to show? Check out the indigo page!

24th-26th March
Berlin HZB



Upcoming Workshop

ask Fabio

Something else?
Just contact us!