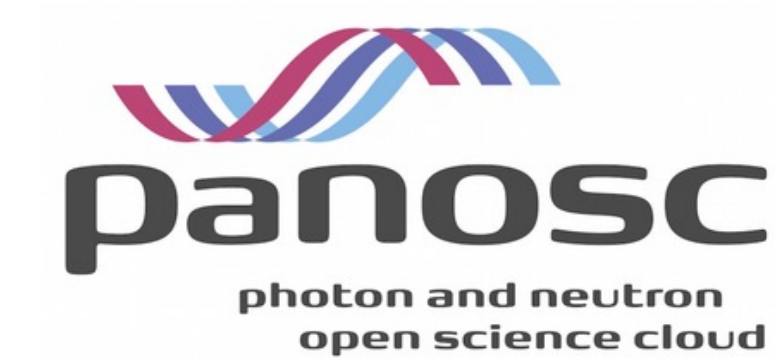




# Is it FAIR?



ExPaNDs



## FAIR data

The demand for Open Science and FAIR data are increasing.

### Findable

Data and metadata should be findable for both humans and machines

### Interoperable

Data should work with applications and workflows for e.g processing

**F A I R**

### Accessible

It should be possible to find out how the data can be accessed once they are found

### Reusable

Comprehensive and descriptive metadata and auxiliary data ensure reusability

Like many other facilities, ESS and ILL are committed to Open Science and FAIR data

## What it means for you

Data originating from your experiment will be:

- **Curated** by the facility (typically for minimum ten years)
- **Findable** and **Accessible** for everybody after embargo period
- **Interoperable** by using well-documented and standardized formats
- **Citable** via persistent identifiers (DOIs)

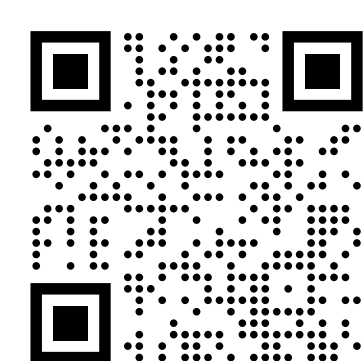
However **Reusability** will often depends on how comprehensive and descriptive associated metadata and auxiliary data are

## European initiatives on Open Science & FAIR data

- The overarching European initiative is the European Open Science Cloud
- There are multiple calls in HorizonEurope for developing EOSC for all sciences



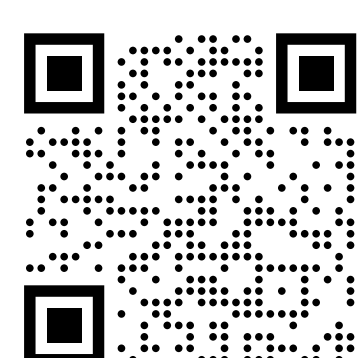
## Projects for photon and neutron scattering



ESFRIs, incl. ILL & ESS

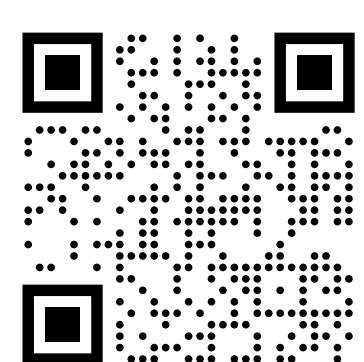
<https://www.panosc.eu>

ExPaNDs



National RIs in Europe

<https://www.expands.eu>

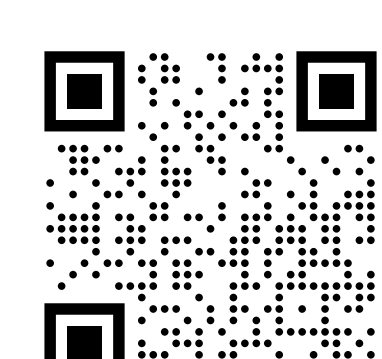
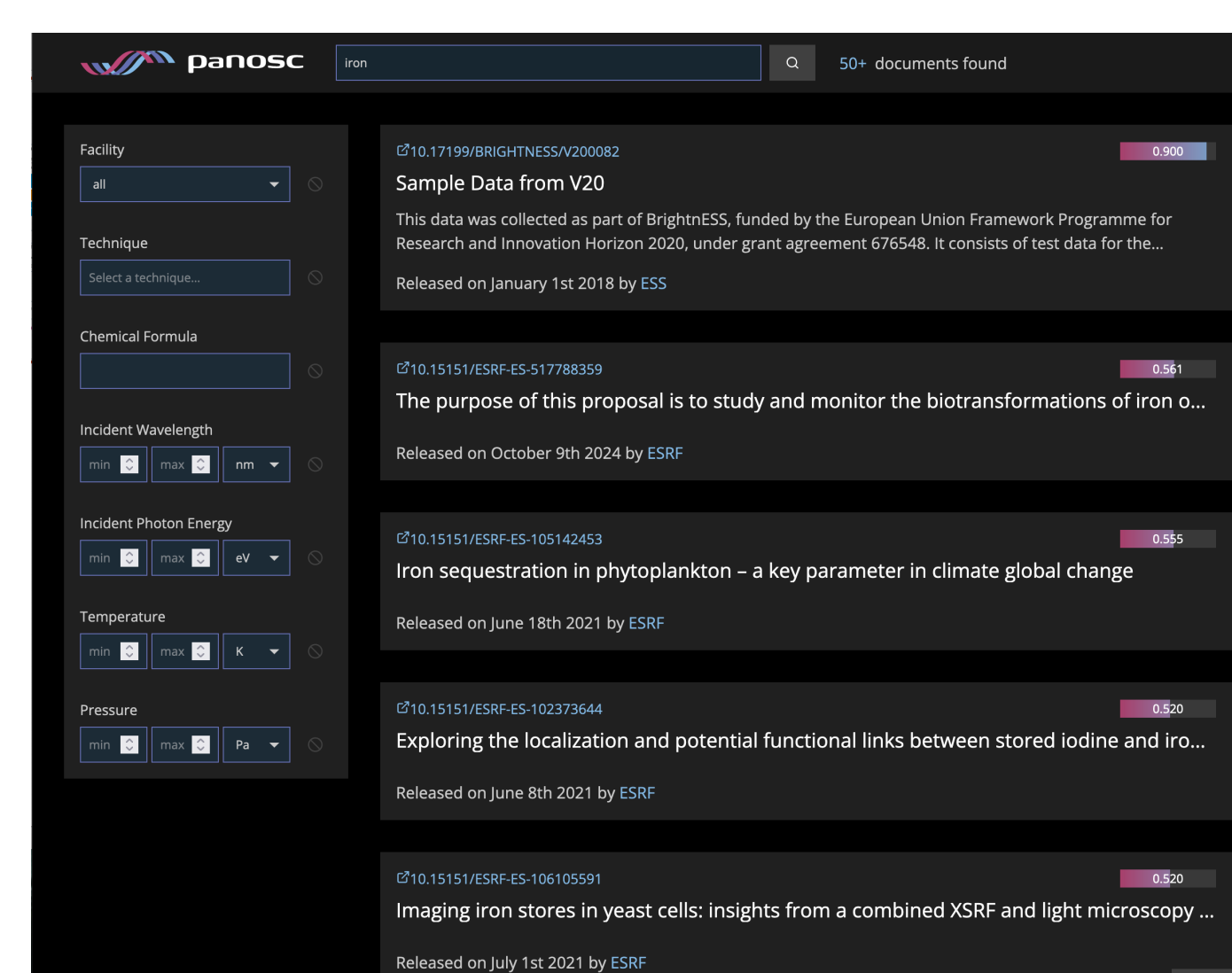


German institutions

<https://www.daphne4nfdi.de/>

## Making data findable – federated search

<https://data.panosc.eu> will make it possible to search and find data across facilities



Still work in progress. Feedback welcomed!