

PaNOSC Developments

Common data API: ALL partners
Jupyter notebooks: ALL partners
Data Analysis Portal: ALL partners
Software catalogue: ALL partners
AAI: ALL partners (with PaNs + GÉANT)

Data catalogues: ICAT (ESRF), SciCat (ESS), MDC (EuXFEL, ILL), VUO (CERIC)

Data transfer + Computation: ALL + STFC, Desy, CESNET
Simulation: Simex (EuXFEL), OASYS (ESRF, CERIC), McStas (ESS, ILL)

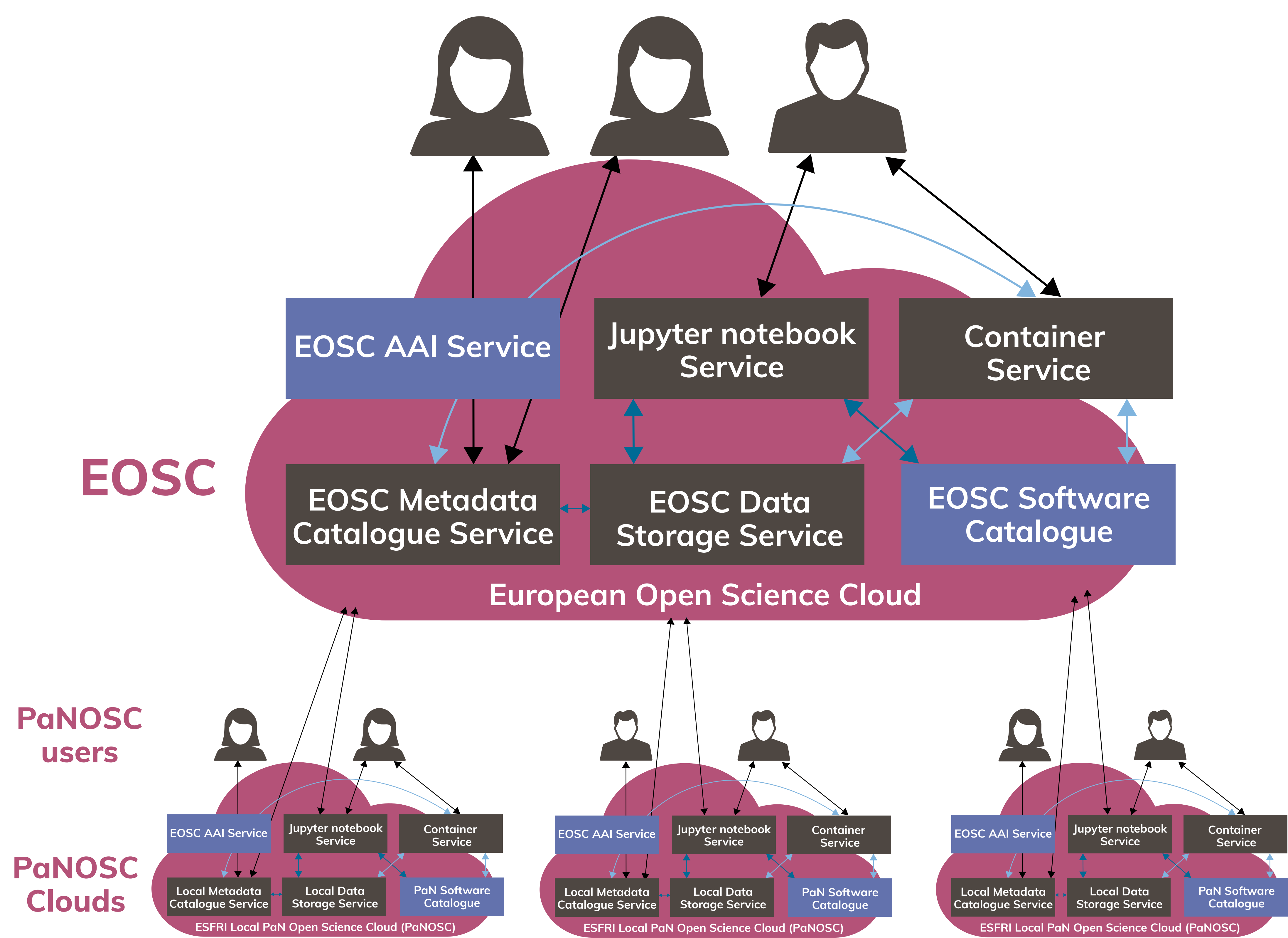
E-logbook: ICAT+ (ESRF, EuXFEL)
e-Training platform: ESS, ELI, ESRF (with Hercules)

All the above are interoperable with EOSC.
We are seeking collaboration and standards.

PaNOSC partners - ESFRI projects



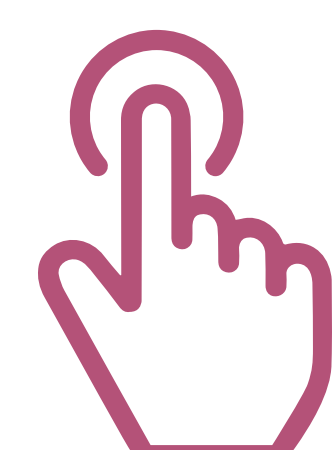
EOSC + PaNOSC Clouds



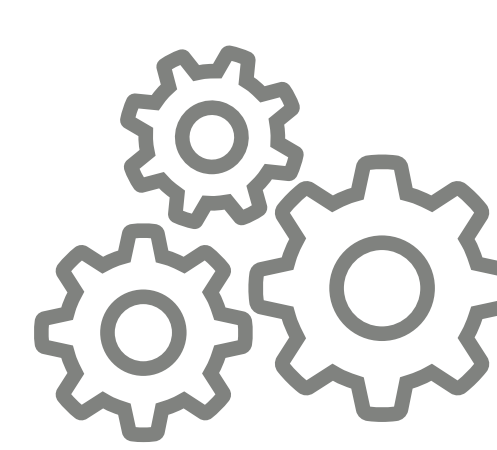
Findable



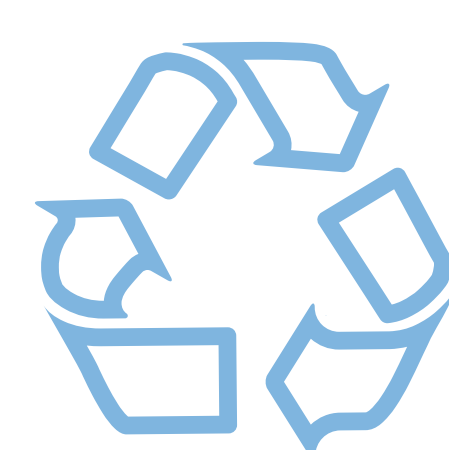
Accessible



Interoperable



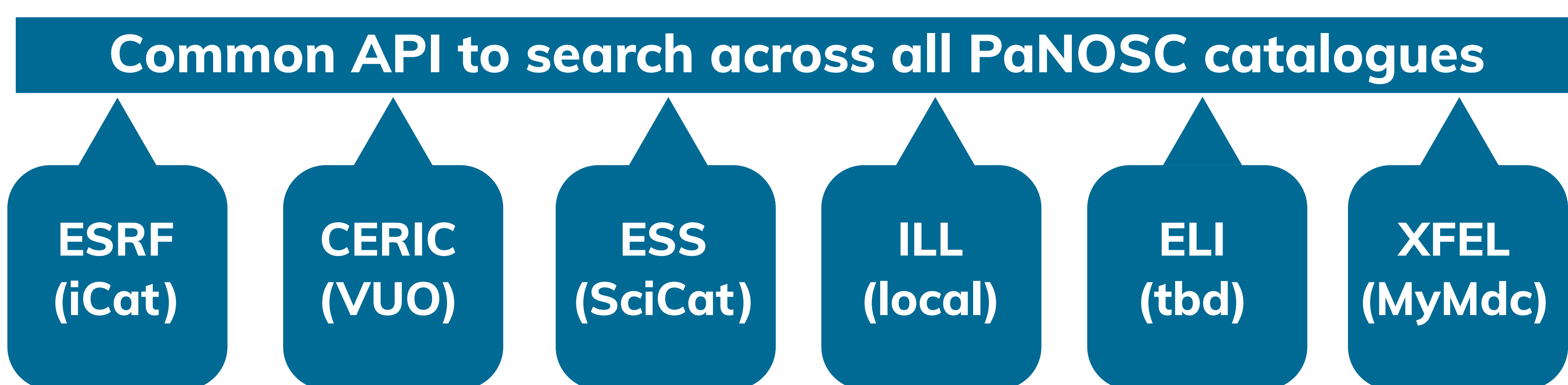
Reusable



PaNOSC Objectives

1. Participate in the construction of the EOSC
2. Make scientific data from ESFRI Photon and Neutron sources fully compatible with FAIR principles
3. Generalise the adoption of open data policies + standard metadata
4. Provide innovative data services to the users via the EOSC
5. Increase the impact of RIs by ensuring re-use of data
6. Share outcomes with national RIs

Common APIs for 6 catalogues



Latest from PaNOSC

- The **pan-learning.eu** platform is now online and provides scientific training to staff and users
- **OSCOVIDA** (<https://oscovida.github.io/>) is now online. It demonstrates Open Science with Jupyter notebooks, collecting and showing analysis plots of COVID19 cases and deaths to better understand the time development of the pandemic and measures taken in all countries worldwide
- PaNOSC updated open **data policy framework** is ready to be released (end of May)
- A recent example of Open Data for EOSC: research data on ultramarine blue disease in masterpieces available via @ESRF data portal - <http://bit.ly/35CYaNa>



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