LEAPS League of European Accelerator-based Photon Sources
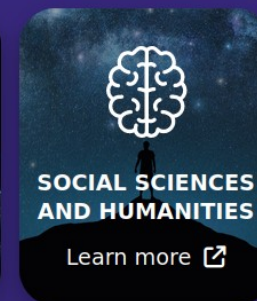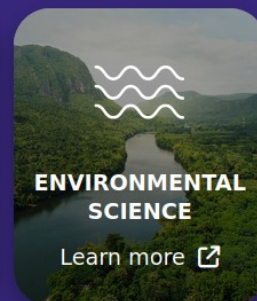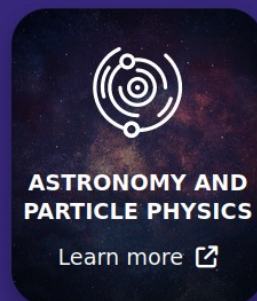
Presentation of the OSCARS project open calls and partner matching

OSCARS cheat sheet

- Partners: **CNRS**, CERN, FZJ, LifeWatch, FMI, EMBL, EATRIS, ERINHA, ESRF, DESY, CERIC, CLARIN, CESSDA, DARIAH, TRUST-IT

- Budget: €24,998,586.25

- Timeline: 2024-01-01 to 2027-12-31 (4 years)

Grant agreement not signed yet!

Research Infrastructures and Communities

The science clusters have grown out of five collaborative projects funded by the European Union in 2019 to link ESFRI and other world-class Research Infrastructures (RIs) to the European Open Science Cloud (EOSC). The services developed by the clusters and other outcomes of the projects are cornerstones of the emerging EOSC fabric and support both disciplinary communities and multidisciplinary initiatives with harmonised models for access to data, tools, workflows and training. Each cluster unites multiple RIs in their specific scientific domain.

ASTRONOMY AND PARTICLE PHYSICS
Learn more

ENVIRONMENTAL SCIENCE
Learn more

LIFE SCIENCE
Learn more

PHOTON AND NEUTRON SCIENCE
Learn more

SOCIAL SCIENCES AND HUMANITIES
Learn more

OSCARS context

2018 · **2023** · **2027**

Horizon 2020 cluster projects
PaNOSC
ESCAPE
EOSC-Life
SSHOC
ENVRI-FAIR

Horizon Europe cross-cluster projects
EOSC-Future
OSCARS

Cluster action 2.0

- Time to **consolidate** the many outcomes of the H2020 projects

- Give the **community** time to adopt and widen them

- Give the clusters time to consider **synergies**

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OSCARS structure

LEAPS
WORKING GROUP 3

New developments or **new use cases** for existing services

Consolidation + support for further **adoption**

OSCARS open calls (WP4)
15-20 projects for PaN; each project
- **100** to **250k€** (lump sum)
- 1 to 2 years

~**3.5 M€**   18 M€

First call in **March 2024**, second call in early 2025

Open to **everyone** eligible to HE, needs to impact **multiple RIs** or better **cross-cluster**

OSCARS consolidation (WP1-2-3)
PaN FAIR competence centre   ~**1 M€**   7 M€
data.panosc.eu   PaN data lake   SW packaging

ExPaNDS and PaNOSC outcomes
data.panosc.eu   VISA   pan-training.eu   PaNET
metadata standards   FAIR data policy   DMPs …

The PaN OSCARS team

- Jordi / Jayesch: WP1 leader

- Paul: WP2 co-leader

- Nicoletta: Communication officer

- Andy, Jean-François and Sophie

OSCARS first open call

- Published in **March 2024**, start in Sept. - Dec. 2024

- 10-pages application in dedicated platform, **independent** expert panel

- Objective: **15 PaN-related applications**, each 1 FTE for 2 years

- Criteria:
  - Beyond the state-of-the-art and towards **FAIR** and **open**
  - New development OR new use case for existing service OR consolidation
  - Multiple RIs and possibly **cross-cluster**

- Deliverables: summary, article, presentation at final conference

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Brainstorming

- Main outcomes from PaNOSC for consolidation or new use case
  - data.panosc.eu
  - PaNET and Nexus ontologies
  - PaN FAIR implementation framework
  - PaN software catalogue
  - PaN training catalogue
  - Search API and OAI-PMH for SciCat and Icat
  - Testing and validation framework
  - ViNYL
  - VISA
- See also: https://leaps-wg3.desy.de/funding.html

Brainstorming

Group 1: 5 projects

NEW DEVELOPMENTS for FAIR and open science in PaN and beyond

Group 2: 5 projects

NEW USE CASES for existing PaN services

Group 3: 5 projects

CONSOLIDATION of existing PaN services

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