



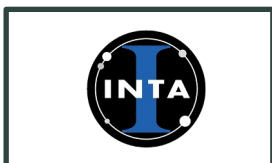
OSCARS

Open Science Clusters' Action
for Research & Society

Astro-CC Pilot

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Implemented by



Funded by
the European Union

SCIENCE-CLUSTERS.eu: Cross-Domain Research Infrastructure Collaboration for Open Science

About the science clusters, their background and the plans for consolidated collaboration on the open science agenda

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.



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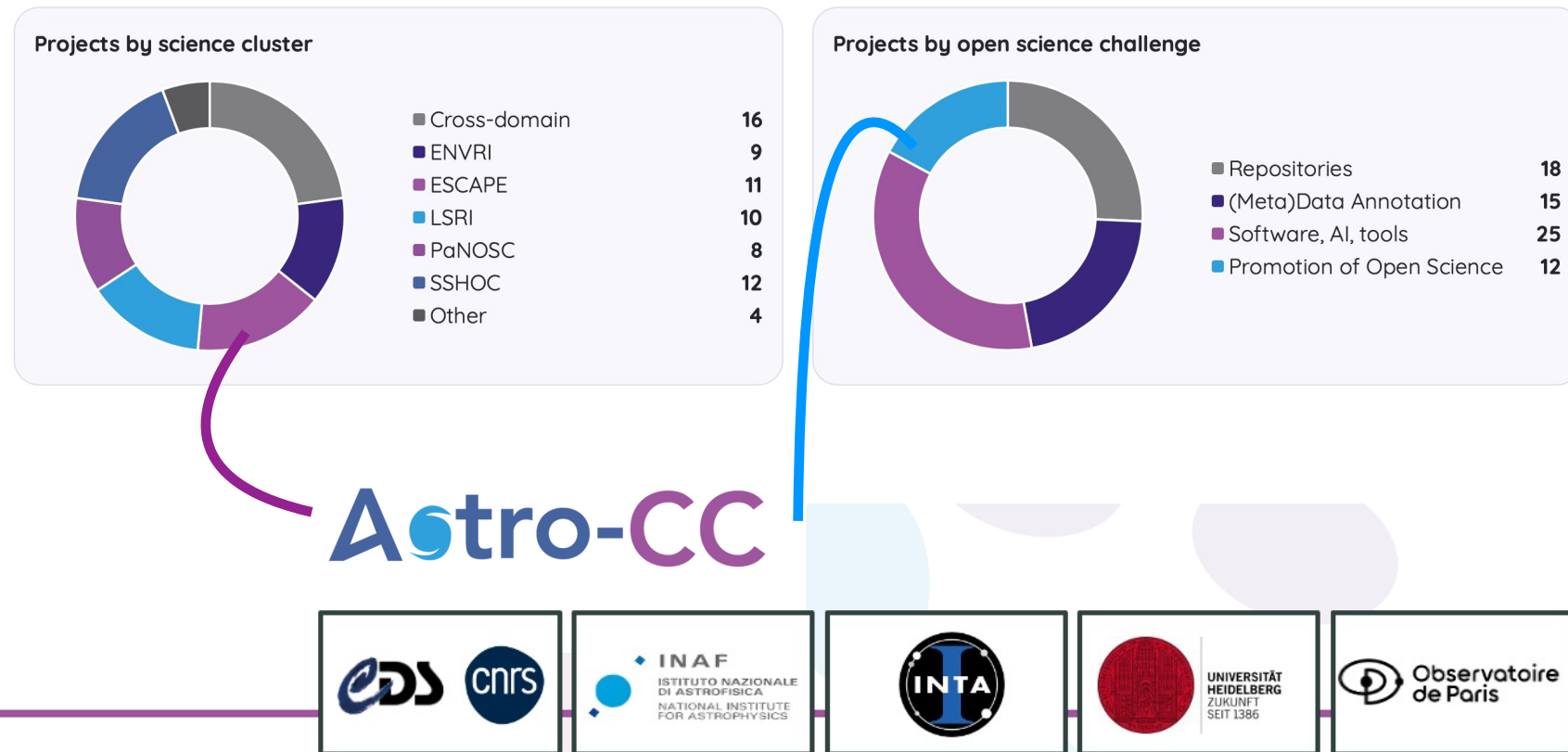
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OSCARS funded projects

Through two OSCARS Open Calls, a broad range of research communities have been involved in the development of [Open Science projects and services](#), that together drive the uptake of FAIR-data-intensive research across the European Research Area (ERA).

With a total funding of over 16 million EUR, the OSCARS Open Calls granted support to 70 Open Science projects across all Science Clusters and beyond. These projects tackle Open Science challenges spanning repositories, data annotation, software, AI and tools, and Open Science promotion and training.

Selected proposals received lump-sum funding between 100,000 and 250,000 € and will be implemented over 12 to 24 months.



□ Astro-CC and EOSC (European Open Science Cloud)

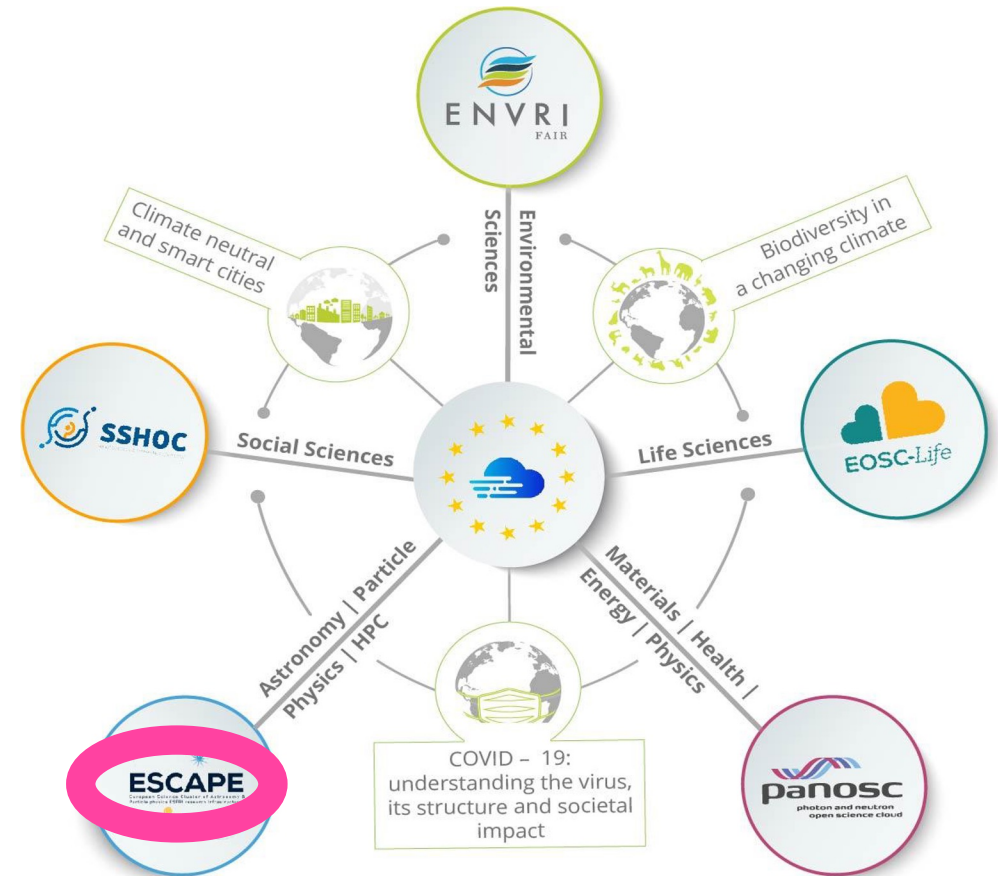
Connected to Science Cluster: **ESCAPE**

(European Science Cluster of Astronomy & Particle physics
ESFRI research infrastructure. 2019-2023)

Astro-CC Pilot project

Lets us map out and test what is needed for a
Competence Centre

→ A voice in EOSC development of EOSC.





“Astronomy Open Science Competence Centre – pilot project”

- OSCARS project Cascading Grant
- 2 yrs, April 2025 – March 2027
- 5 partners – 5 events

Current focus on community events:

● For Ph.D students and early career researchers:

- Science use-case tutorials on interoperable tools/services and Open Science.
- **School 1:** 2-4 December 2025, Madrid, <https://indico.in2p3.fr/event/36738/>
- **School 2:** 29 Sep – 1 Oct 2026, Strasbourg, <https://indico.in2p3.fr/event/38575/>

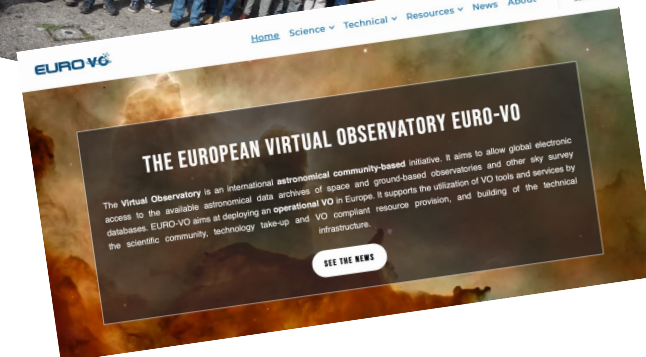
● For Data Providers:

- Tutorials and sharing expertise on the use standards and implementing FAIR principles.
- **Data Provider Forum event:** 25-27 March 2026, Heidelberg, <https://indico.in2p3.fr/event/37439/>

● For Developers of Software/Services:

- Discuss and refine community open interoperability standards.
- **First Tech Forum:** 7-9 Oct 2025, Trieste, <https://indico.in2p3.fr/event/36318/>
- **Second Tech Forum:** Coming up 19-22 Oct 2026 in Paris: <https://indico.in2p3.fr/event/40198/>

New Euro-VO web pages: <https://www.euro-vo.org>



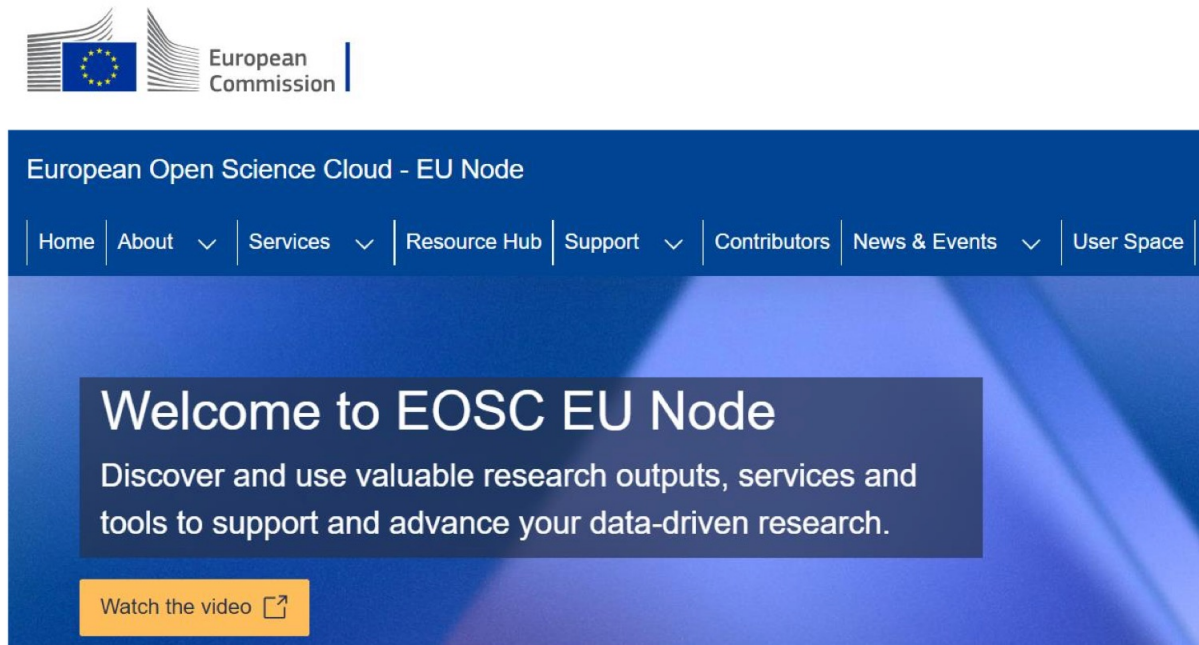
EOSC as a key enabler of Europe's research and digital strategies

EOSC anchored in key EU strategies adopted over the past year

- **European Research Area Policy Agenda 2025-2027**
 - Structural policy on 'enabling open science via sharing and re-use of data, including through the European Open Science Cloud'
- **European Strategy on Research & Technology Infrastructures**
 - EOSC to support maximising the potential of digitalisation and AI for infrastructures
- **European Strategy for AI in science**
 - EOSC to support uptake of AI in science by pooling AI-ready data and linking with AI Factories



EOSC EU Node



~ 4000 users

Services to researchers

- Manage research workflows
- Collaborate with Peers
- Discover research products

Provision of **federating capabilities**

- Authentication & Authorisation
- Catalogues, registry services
- Monitoring, accounting ('credits')
- Helpdesk
- ...

What will be the results and how do you plan to make them available to the broader community?

- **Data providers** (ESFRI, RIs, projects) gain skills in the implementation of interoperability standards and tools.
- **Developers** of services cooperate on the use of standards and tools.
- **Ph.D & ECR** are supported for use of new innovative services for their own research.
- European results taken to international level at International Virtual Observatory Alliance (IVOA).
- Visibility at European Astronomical Society conferences.