

The logo graphic for ESCAPE features a stylized blue starburst at the top, a thin blue orbital line curving around it, and a small yellow circle at the bottom left of the orbit.

ESCAPE

European Science Cluster of Astronomy &
Particle physics ESFRI research Infrastructures

OSSR @ E-EB 2025/04/28

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on behalf of the OSSR Group

OSSR in the Open Collaboration Area

- Transition from project organisation into open collaboration:
activity continues, but on a very low basis – mostly via funded projects (EVERSE, OSCARS)
- Three main areas of work:
 - Policy, Strategy and Collaboration (KG, FAU-ECAP)
 - Onboarding (JS, FAU-ECAP)
 - Technical Developments (TV, LAPP)
- Currently no regular progress meetings
 - Follow at [Indico Category](#)

Latest Developments: Collaboration

● Punch4NFDI Lol – OSSR as one area of collaboration:

ESCAPE Open Collaboration and PUNCH4NFDI Consortium sign landmark Letter of Intent



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**PUNCH
4 N F D I**

🕒 27 September 2024

ESCAPE Open Collaboration and PUNCH4NFDI Consortium sign landmark Letter of Intent

The ESCAPE Open Collaboration and the PUNCH4NFDI Consortium announce the formal signing of a Letter of Intent.

READ MORE

● EVERSE success: [EOSC Expert Group OA7 on Research Software](#) started – after previously dropping of software-related EOSC-A TaskForce

Latest Developments: Technical

- Backend
 - moved to <https://gitlab.com/escape-ossr> as development and organisation platform to support wider community
- EVERSE:
 - first test of software quality tools (from EVERSE)
 - RSQKit <https://everse.software/services/rsqkit/>
 - Indicators, Schemas and Quality Pipelines
 - [RSD Research Software Directory \(eScienceCenter, HZDR\):](#)
 - Continue collaboration via EVERSE – but missing resources to allow for a direct binding of OSSR into RSD
- OSCARS:
 - CodeMeta curation and maintenance in repositories (UPM/LAPP)
 - <https://www.oscars-project.eu/projects/codemetasoft> - software at <https://github.com/oeg-upm/auto-codemeta-generator>
 - OSSR used as test repository (CodeMeta is the metadata standard for OSSR)
- CSAN (IN2P3): a Comprehensive Software Archive Network
 - Started discussion on adding security to OSSR containers

No Developments: EOSC

● EOSC: OSSR was part of the EOSC Market Place →

<https://marketplace.eosc-portal.eu>

● Down now - to be re-established by EOSC EU Node

● No update



**EUROPEAN OPEN
SCIENCE CLOUD**

IMPORTANT NOTICE

The EOSC Portal is no longer available, but don't worry!

You can find out more about the next phase of EOSC (the EOSC EU Node) at

<https://open-science-cloud.ec.europa.eu>

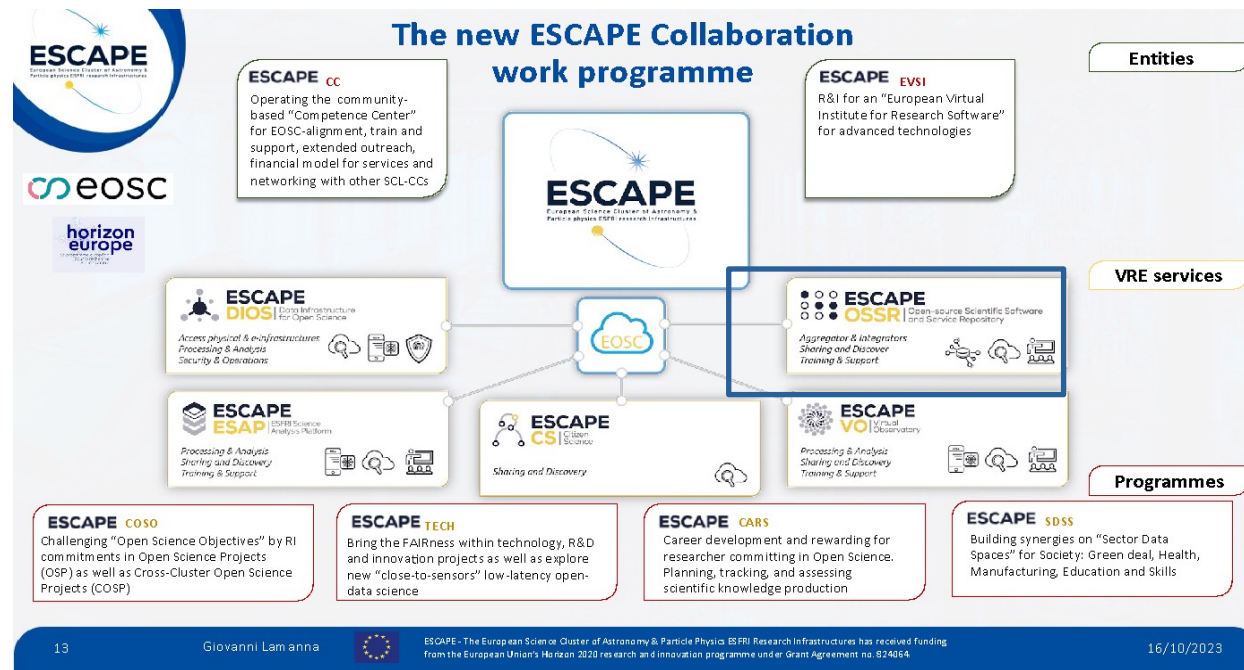


Outreach Material

Please help us to disseminate the OSSR

What is the OSSR?

- The Open Software and Service Repository is one building stone emerging from the ESCAPE project in EOSC (European Open Science Cloud)
- Supported through the ESCAPE collaboration
- Catalogue of software repositories or collections based on entries in a Zenodo community
- OSSR group to curate and develop repository & foster community
- Review performed on all entries



Why should you share your software?

Visibility

- See your work alongside other projects from the same community
- Be citeable through Zenodo and findable through multiple integrated software platforms

Recognition

- Go through our quality review and receive the OSSR badge
- Increase citations through better findability

Community

- Be invited to the community exchange during the OSSR collaboration meetings
- Present your project and benefit from the experience of colleagues from the field

Future integration

- Benefit from future developments to enable science platform integration
- Keep in touch with the latest developments in ESCAPE

What to share - examples

Community relevant software



[DOI: 10.5281/zenodo.8033275](https://doi.org/10.5281/zenodo.8033275)

Analysis repositories

SKA Science Data Challenge



[DOI: 10.5281/zenodo.5526844](https://doi.org/10.5281/zenodo.5526844)

Service and software collections

An astronomical HiPS visualizer in the browser



[DOI: 10.5281/zenodo.8243056](https://doi.org/10.5281/zenodo.8243056)



new types

*If it makes
sense – add it!*

How to onboard

Add metadata

- Create a codemeta.json with required info
- Make sure to add good documentation

Publish on Zenodo

- Push your work to Zenodo and request access to the ESCAPE community

Get your review done

- Get all the quality checkmarks and get added
- Add your OSSR badge to your project

Get involved

- Join the OSSR community meetings
- Share your software, create new opportunities!

Relevant Links

Onboarding instructions: <https://escape-ossr.gitlab.io/ossr-pages/page/contribute/onboarding/>

Zenodo Community:
<https://zenodo.org/communities/escape2020>