

OSCARS

Open Science Clusters' Action
for Research & Society



Sustainable Scientific Software School

OSCARS Project overview

Romain David - Researcher / Data steward
ERINHA



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Funded by
the European Union

OSCARS is a four-year Horizon Europe project that will foster the uptake of Open Science in Europe by consolidating the achievements of world-class European RIs in the ESFRI roadmap and beyond into lasting interdisciplinary FAIR data services and working practices.



Fostering the uptake of Open Science in Europe

OSCARS will strengthen the role of the Science Clusters (SCs) in the European Research Area (ERA) by developing **Community-based Competence Centres (CCCs)** and **Composable Open Data and Analysis Services (CODAS)**, and by fostering the implementation of **Open Science projects and services** funded through a cascading-grant mechanism.

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In response to the EU call on EOSC

HORIZON-INFRA-2023-EOSC-01-01

Building on the **Science Cluster approach** (since 2019)

Coordinator: **CNRS-LAPP**

15 partners, **2-3** representing each Science Cluster

Duration: **4 years (Jan 2024 – Dec 2027)**

EC funding: **25 M€**

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With the projects funded via a cascading-grant mechanism, OSCARS and our project will contribute to a

Data space for science, research and innovation

Pursuing the creation of

Pan-European research-enabling value-added services

€ 16 MILLIONS

IN OPEN CALLS FOR
OPEN SCIENCE
PROJECTS AND SERVICES



With its two Open Calls for Open Science projects and services, OSCARS has involved a broad range of research communities in Open Research via the development of new **Open Science projects and services** to drive the uptake of FAIR data-intensive research throughout the ERA.

Setup and implementation of **Clusters' Open Science Competence Centres (CLOCCs)**

Community-based virtual hubs
dedicated to fostering research
excellence through training and
knowledge transfer, and providing
expertise, best practices and services
in relation to Open Science.



Identify and provide
**Composable Open
Data and Analysis
Services (CODAS)**
accessible via
**Virtual Research
Environments (VREs)**

€ 16 MILLIONS

IN OPEN CALLS FOR
**OPEN SCIENCE
PROJECTS AND SERVICES**

Contribute to a
**Data space for science,
research and innovation**
Pursuing the creation of
Pan-European research-enabling
value-added services



Clusters' Open Science Competence Centres

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A CLuster Open Science Competence Centre (CLOCC) is a virtual hub dedicated to fostering research excellence through training and knowledge transfer. The CLOCCs are community-based initiatives supported by a collaborative network of people in the context of the Science Clusters providing expertise, best practices and services in relation to Open Science, and the promotion of cross-disciplinary collaboration.

Contact the CLOCCs

- ENVRI: manager@envri-fair.eu (competence-centre@envri.eu active, official contact starting 31th Jan 2025)
- ESCAPE: competence.centre@projectescape.eu
- LS RI: competence.centre@eatris.eu
- PaNOSC: competence.centre@panosc.eu
- SSHOC: sshoc@oscars-project.eu



- **Open Science practice:** increased scientific impacts via the support of Open Science projects;
- **Community-based Competence Centres (CCC)**, contributing to the sustainability of the Science Cluster actions, fostering their impacts, supporting and aligning operations of ESFRI and other RIs and involving the long tail of science.
- **Composable Open Data and Analysis Services (CODAS)** (service catalogues, data hubs, analysis platforms, etc.) onboarded into the EOSC, fostering the alignments of practices in scientific data analysis and enhancing researchers' participation in Open Science.
- An **established inter-cluster web-based “scientific social network”** in Europe. Training, mentoring, cross-disciplinary events and cross-cluster developments.

- **Operational Competence Centres**
- Uptake of **web-based highly composable platforms for Open Science data analysis**;
- **Stronger involvement of scientific communities in Open Science** and the shaping of EOSC;
- Enhancing and further structuring of the successful **cross-fertilization** work built by the Science Clusters;
- **Economy of scale** of (cross-cluster) services;
- Enable a **largely participative research ecosystem**, promoting provenance tracking to research outputs and contributing to the evolution of research assessment methodologies.

WP1
CLuster Open science
Competence Centres
(CLOCC)

Jordi Boderà Sempere



WP2
Composable RI Services
in EOSC (CRISE)

Sally Chambers



WP3
Testing and Widening
Uptake (TEWE)

Romain David



Friederike Schmidt-Tremmel
OSCARS project manager



Gary Saunders



Paul Millar



Anca Hienola





CLARIN



eatris

EMBL



erinha

European Research Infrastructure
on Highly Pathogenic Agents



FMI



KNAW



MUNI Masaryk
University

Trust-IT Services
communicating to markets



UNIVERSITEIT VAN AMSTERDAM



University of Ljubljana



universität
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Fostering the uptake of Open Science in Europe

CONTACT US

For enquiries on communication / dissemination issues:
communication@oscars-project.eu



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