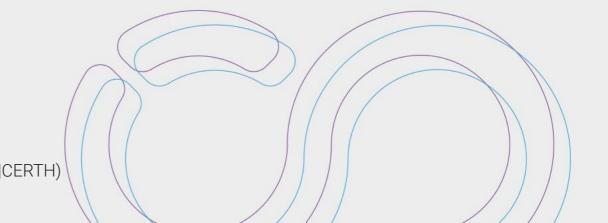


EVERSE

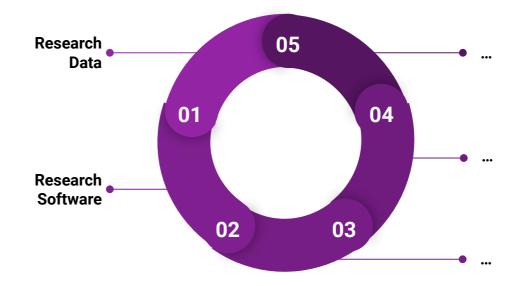
Paving the way towards a European Virtual Institute for Research Software Excellence

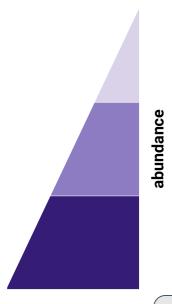






Research Software as a first-class citizen for the scientific endeavours





Research software infrastructure

It involves research software that captures more broadly accepted and used ideas, methods and models for use in research, and warrants close researcher involvement in their development.

Prototype tools

It refers to research software that demonstrates a new idea, method or model for use by others outside the project within which it originated, often as a substantive intellectual contribution in its own right and often in the form of a proof of concept.

Analysis code

It includes research software that captures computational research processes and methodology, and often occurs in the context of simulation, data generation, preparation, analysis and visualisation.

Foundational Software

Not all software has the same level of importance

















Software

neosc

Communities

Research

Scientific /

Software

EVERSE













Software Heritage





Slides adapted from the "OrgMycology - eResearch NZ 2024" by Jonah Duckles (orgmycology)

> **ORGANIZATIONAL** MYCOLOGY



Leadership

Commission



<ReSA>

Research Software Alliance





Communities



EVERSE

Paving the way towards a **E**uropean **V**irtual Institut**e** for **R**esearch **S**oftware **E**xcellence

EVERSE aims to create a framework for research software and code excellence, collaboratively designed and championed by the research communities, in pursuit of building a European network of Research Software Quality and setting the foundations of a future Virtual Institute for Research Software Excellence

- ensure research software curation, quality, preservation and adoption of best practices, by the Communities, for the Communities, build on collaboration with the five EOSC Science Clusters
- adopt a three-tier model for research software, i.e., analysis code, prototype tools and research software infrastructure, which captures the varying complexity of research software and its development, and can be used as a basis for research software excellence
- credit and recognition for both developers and software are essential components of our strategy to promote sustainable software practices

Mar/2024

Feb/2027 (36 months)

15 Beneficiaries, 1 Associated partner & 2 Affiliated entities

Coordinated by CERTH and BSC



Partners, associates, and affiliated entities









































Establishing a Community

How to contribute to, and engage with EVERSE

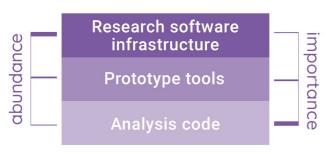
Elements of EVERSE

➤ The Network (https://everse.software/network/)

RSQkit (<u>https://everse.software/RSQKit/</u>)

Tools (e.g. https://everse.software/TechRadar)

- Indicators
- Software reference model
- Training and Recognition framework



Foundation software

Funders / **Policy Editorial** Makers **Board RSQkit Software Developers** Research Software Quality Join Us Researchers Infrastructure **Providers**

Any individual or

network

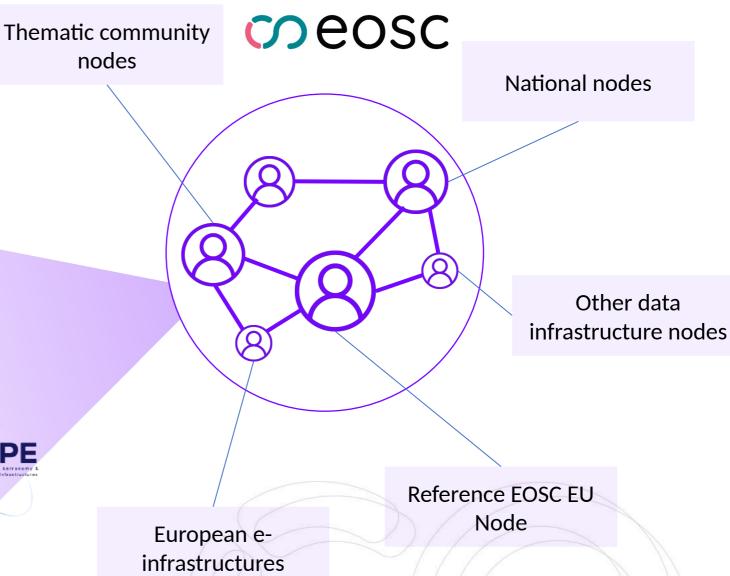
organization that agrees

with our vision statement is welcome to join the



Our Ambition







FOSC OA 7: Research Software



The primary objective of this Expert Group is to address the challenges and opportunities around research software in the context of the EOSC framework.

- specifically target the research software created for research purposes or during the research process
- aims to promote all aspects of research software, including metadata, quality, preservation, registries,
 reproducibility and recognition
- will closely work with global initiatives and efforts on this domain









Thank you!

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This project has received funding from the European Union's Horizon Europe Programme under GA 101129744 — EVERSE — HORIZON-INFRA-2023-EOSC-01-02

