



SRCE DEI conference

# Open Science in Croatia: A Year in Review and Perspectives

Draženko Celjak, SRCE

National Tripartite Event Croatia 2026

Srcce DEI 2026





# Croatian Open Science Cloud Initiative



- ✓ HR-OOZ Goal 1: Establishment of NOSC
  - ✓ Organizational and governance structures defined
  - ✓ Principles and criteria for onboarding services in HR-OOZ defined
  - ✓ Establishment of HR-OOZ services catalog
- ✓ HR-OOZ Goal 2: Draft of the National Plan for Open Science

## HR-OOZ Initiative (2021)

<https://www.srce.unizg.hr/inicijative/hr-ooz>



# HR-OOZ Members Activities

(since 3rd NTE, March 2025)

Summary report from UNIRI, IDI, FER, UNIZD, NSK, FFZG, RBI, IEF, SRCE

- ✓ Open Science Policies & Funding
- ✓ Diamond Open Access
- ✓ Open Research Data and Repositories
- ✓ Open Research Software
- ✓ Services
- ✓ Citizen Science
- ✓ Education & Trainings
- ✓ Incentives
- ✓ Events & Promotion
- ✓ Projects

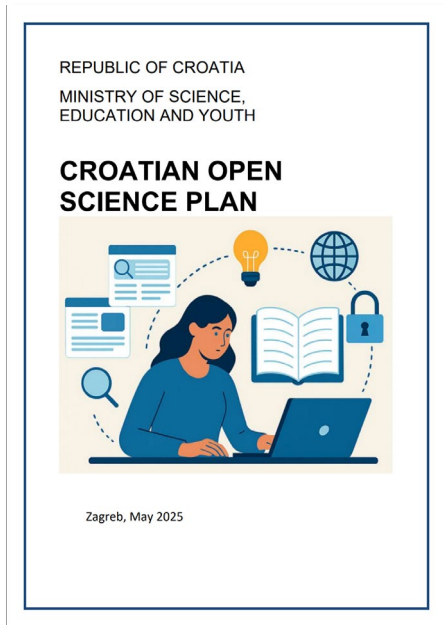


3rd NTE, 27 March 2025



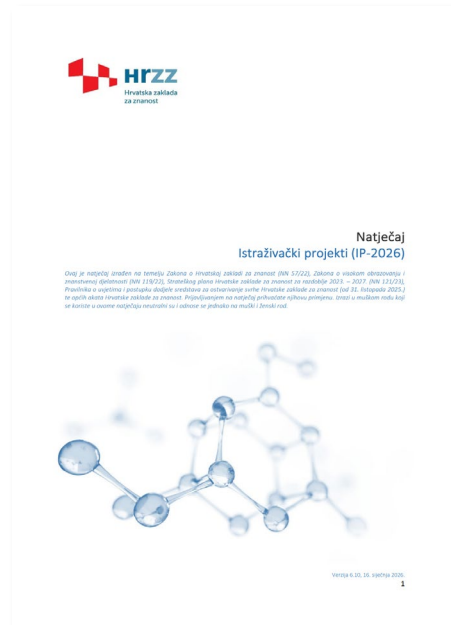
# Open Science Policies & Funding

May 2025



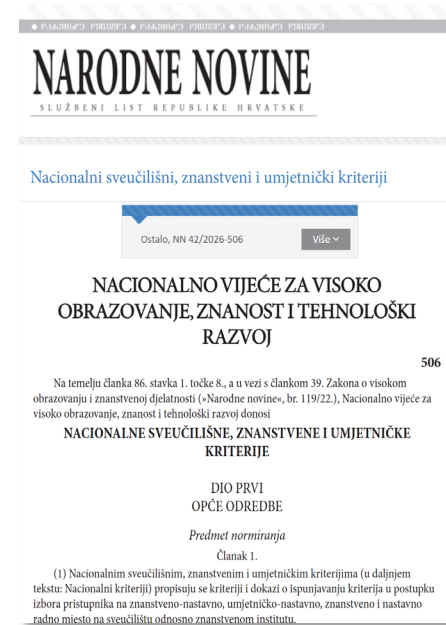
Ministry of Science, Education and Youth

January 2026



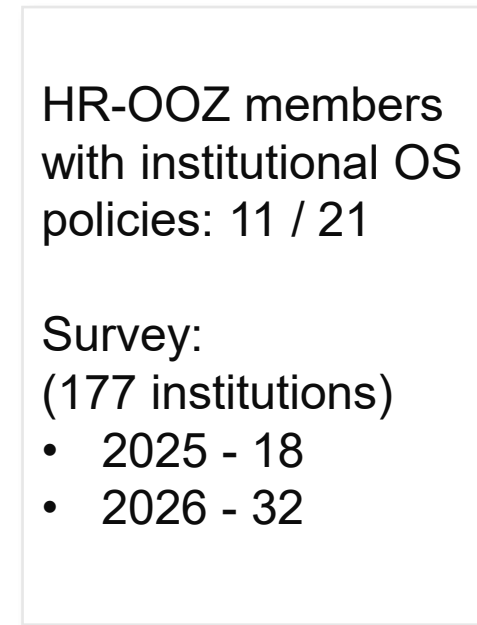
Croatian Science Foundation

April 2026



National Council for Higher Education, Science and Technological Development: National University, Scientific and Artistic Criteria

April 2026



HR-OOZ



# Diamond Open Access

- Institutions are actively publishing in Open Access, mostly DOA
- **Publishing platforms** based on open source (OJS, OMP): Morepress (UNIZD), FF Open Press (FFZG)
- National infrastructure for OA - **Portal of Croatian Scientific and Professional Journals - HRČAK (SRCE)**
  - 575 journals & 323.000+ OA articles
  - OJS instance switched to eduGAIN and ORICD authentication
- **Croatian Diamond Open Access Competence Centre** (NSK, SRCE, UNIZD, FFZG, ZNAK)



# Open Research Data & Repositories

- National infrastructure for repositories **DABAR** (SRCE, RBI, NSK, FFZG, MEF)
  - research, educational and artistic outputs, including research data
  - used by 177 institutions, 380 datasets, 765 DMPs
  - in 2025 - new architecture - integration with CroRIS and implementation of eduGAIN auth
  - CoreTrustSeal certificate (Repository of the Faculty of Science, University of Zagreb)
- Research data repositories **CROSSDA & CLARIN-HR** (FFZG)
- **PID services**: DOIs and URN:NBNs (NSK)
- National repositories: Croatian Digital Theses Repository (ZIR), Croatian Digital Dissertations Repository (DR), NSK Digital Collections (NSK)
- Croatian Web Archive - preservation of web content of cultural and scientific significance
- Digitization and availability of archival materials and other holdings - DIEF (IEF)



# Open Research Software

- **OpenCode.HR** provides academic and research community with a secure collaborative environment for developing, using, and sharing open-source software (SRCE, FER, FOI, FERIT)



## **OpenCode.HR**

- Research software in **DABAR** (work in progress)
- Online **course** Research Software Management (work in progress)



# Services

- Mobile application **DARIAH Assistant** for field data recording and archiving in the humanities and heritage (IEF)
- Prototype of the Open Research in Ecology & Evolutionary Biology registration platform has been developed (RBI)
- Prototype of a Croatian biodiversity data catalogue (RBI)
- Maintenance of the **REVIGO** service (RBI)



# Citizen Science

- **Several projects:** HAWaton, Bioblitz and Libraries (NSK)
- **Webinar** *Citizen Science in Libraries*, **workshop** *Citizen Science in My Public Library* (NSK)
- Planing to lounch a national citizen science **portal** (NSK)
- **Involving individuals and local communities** in research processes (IEF)



# Education & Trainings

- Guidelines, manuals, workshops and support to researchers on Open Science topics (all institutions)
- RDM training embedded in **doctoral programs** (FFZG, UNIRI)
- **SRCE Academy** - structured educational packages for institutions that helps them plan training for their employees
  - since last NTE: 102 researchers from 10 institutions
  - new: information experts



# Incentives

- **Rewards only for OA publications** provided they are also deposited in the institutional repository (RBI, FER)
- Promotion of Open Science at the institutional level through **funding small institutional projects** focused on depositing open research data (RBI)



# Events & Promotion

- **PUBMET** Conference on Scholarly Communication in the Context of Open Science, PUBET Summer School (UNIZD, FFZG, RBI, ...)
- **SRCE DEI 2025** Conference and the 3rd NTE (SRCE, UNIZG)
- Croatian Digitalization Projects Festival (**DFEST**) and Days of Special and Academic Libraries (NSK)
- **Open Science portal** <https://www.otvorena-znanost.hr/> (RBI)
- Monthly newsletter ***News from the Open Science Cloud*** (SRCE)
  - 8 issues published by April 2026.
- Community engagement: Open Science Café events, Open Access Week activities, and promotion via webinars, social media, websites, and newsletters.

# Projects

## Open Science



## EU Research & Innovation



## Tools & Platforms



## University Networks & Alliances





# EOSC Federation



2026 - EOSC Federation from prototype to production

First wave

- 13 nodes (6 national, 6 thematic, 1 e-infrastructure, 1 EOSC EU node)

Second wave

- 14 nodes (8 national, 3 thematic, 3 e-infrastructure)

Application:

- legal entity
- written endorsement from corresponding authority at the national level
- **project charter** for the creation of a Node
- agreement with existing Node(s) to align on and propose the development of at least one multi-Node **use case**
- demonstration of capacity to function as a community gateway
- commit at least five individuals involved for the duration of the build-up phase



# EOSC–HR Project Charter: Services

Services that will be included initially:

- DABAR – repository infrastructure
- HRČAK – OA infrastructure
- PUH – Enterprise File Sync and Share
- Advanced Computing and Virtual Research Environment(VRE)
- OpenCode.HR
- FileSender
- SRCE Academy

Capacity to onboard third-party services

- ensuring that services adhere to the required quality standards, rules, and policies, including those related to security, transparency, sovereignty, and trustworthiness



# EOSC–HR Project Charter: Use Cases

- EFSS - interconnect EFSS platforms
  - installations (national, institutional, and thematic) operate as isolated systems
  - use case will facilitate simpler data exchange and enhanced collaboration among cross-border and cross-node research groups
  - SURF EOSC Node(The Netherlands), ARNES.SI
- GitLab - increase the visibility of research software
  - use case aims to explore the potential of GitLab to serve as a source for the automated population of the EOSC Resource Catalogue
  - OpenCode.HR



# EOSC–HR Project Charter: Governance

Governance will be organized through a three-tier model

- Strategic oversight: **Croatian Open Science (HR-OOZ) Council** - strategic priorities and aligning the activities of the Node with relevant national and European policies
- Coordination, operational and technical management: **SRCE**
- Stakeholders (including members of the research community and the service providers) providing feedback and guidance based on their needs and their experience: **Steering Committee**



# Thank you!

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