

NI4OS-Europe projekat

Otvorena nauka i otvoreni podaci

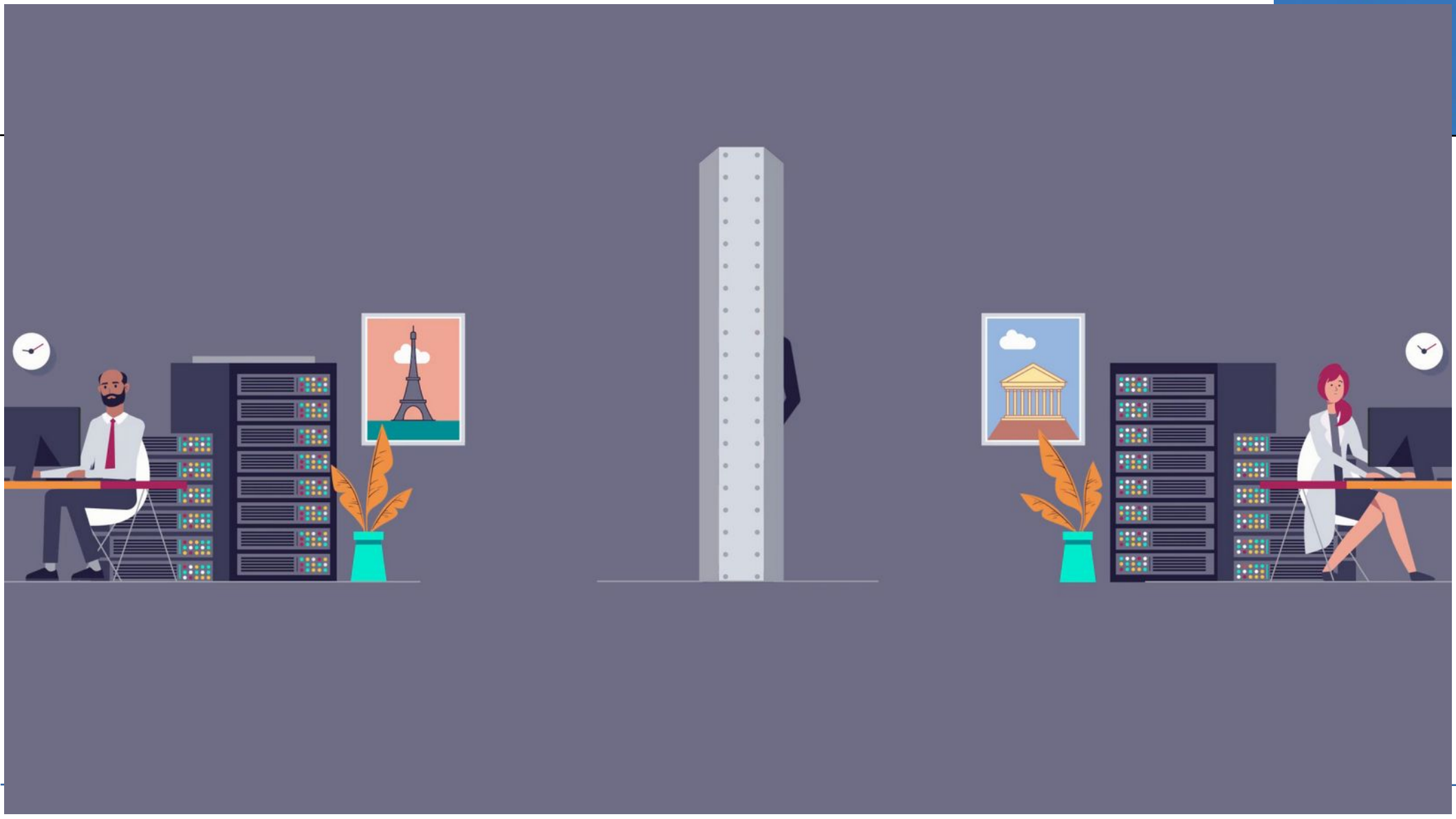
NI4OS-Europe projekat

Evropski oblak otvorene nauke
(EOSC)



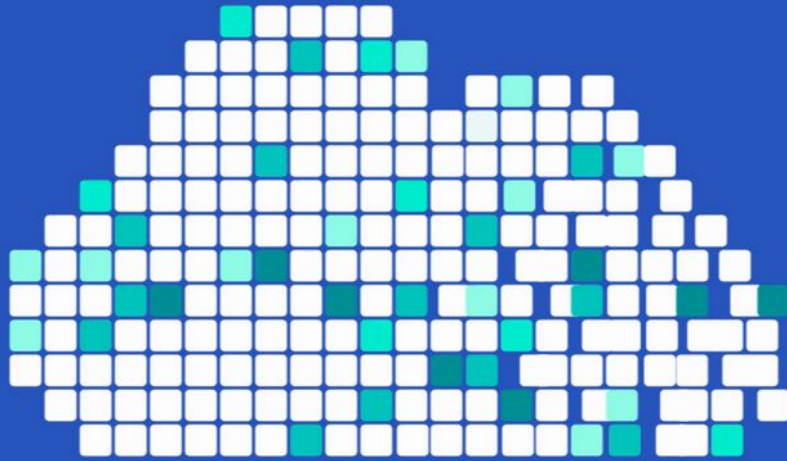








**EUROPEAN OPEN
SCIENCE CLOUD**





9 - PW

3 - COMMUNITY ENGAGEMENT AND TRAINING



2 - SERVVM



**EUROPEAN OPEN
SCIENCE CLOUD**





Lična karta NI4OS-Europe projekta



- **Naziv:** National Initiatives for Open Science in Europe
- **Akronim:** NI4OS-Europe (izgovara se “NIFOS”)
- **Poziv:** INFRAEOSC-05 (b)
Coordination of EOSC-relevant national initiatives across Europe and support to prospective EOSC service providers - Research and Innovation Actions
- **Broj granta:** 857645
- **Ukupan budžet:** 5.599.475,00 EUR
- **Učesnici:** 22 partnera iz 15 država

Partneri

1	National Infrastructures for Research and Technology SA	GRNET	Greece
2	Athena Research & Innovation Center	ATHENA	Greece
3	The Cyprus Institute	CYI	Cyprus
4	University of Cyprus	UCY	Cyprus
5	Institute of Information and Communication Technologies	IICT	Bulgaria
6	SRCE - University of Zagreb, University Computing Centre	SRCE	Croatia
7	Ruđer Bošković Institute	RBI	Croatia
8	Governmental Agency for IT Development	KIFU	Hungary
9	University of Debrecen	UD	Hungary
10	National Institute for Research and Development	ICI	Romania
11	Executive Agency for Higher Education, Research, Development and Innovation Funding	UEFISCD I	Romania
12	Academic and Research Network of Slovenia	ARNES	Slovenia
13	University of Maribor Library	UMUKM	Slovenia
14	Institute of Physics Belgrade	IPB	Serbia
15	University of Belgrade	UOB	Serbia
16	Albanian Academic Network - Interinstitutional ICT Research Centre	RASH	Albania
17	University of Banja Luka	UNI BL	Bosnia-Herzegovina
18	Ss. Cyril and Methodius University in Skopje	UKIM	Northern Macedonia
19	University of Montenegro, Faculty of Electrical Engineering	UOM	Montenegro
20	Research and Educational Networking Association of Moldova	RENAM	Republic of Moldova
21	Institute for Informatics and Automation of the Academy of Sciences of Armenia	IIAP	Armenia
22	Georgian Research and Educational Networking Association	GRENA	Georgia



Otvorena nauka i otvoreni podaci: NI4OS-Europe projekat i Evropski oblak otvorene nauke (EOSC)

Tri osnovna cilja projekta

1. Podrška razvoju i uključivanju inicijativa za otvorenu nauku u EOSC okvir

Univerzitet u Banjoj Luci uključen u EOSC

2. Širenje EOSC i FAIR principa u naučnim zajednicama

Uključeni u OpenAIRE projekat (dva NOAD-a u BiH)

3. Pružanje tehničke i organizacione pomoći u uključivanju postojećih i budućih servisa u EOSC

Osnovne aktivnosti u naredne dvije godine

Koga želimo da uključimo u EOSC

- Generički servisi
 - Od senzora, preko servera do superračunara
- Tematski servisi
 - Namjenske aplikacije za podršku istraživačima
 - Primjer: Sistem za klasifikaciju aero snimaka (ETFBL)
- Repozitorijumi
 - Podaci (rezultati istraživanja)
 - Digitalizacija (postojećih unosa, kulturnih dobara, ...)
 - Literatura, časopisi, konferencije, ...

- Promocija
 - Otvorena nauka
 - FAIR podaci i EOSC infrastruktura
 - Saradnja i uključivanje u druge EU projekte
- Rad sa korisnicima
 - Obuka za upotrebu dostupnih resursa
 - Obuka za upotrebu dostupnih servisa
- Rad sa operaterima
 - Put za uključivanje servisa u EOSC i repozitorijuma u OpenAIRE

- Sve informacije o projektu
 - Uključujući sve izlaze projekta
 - Otvorena nauka i otvoreni podaci i za nas
- Svi važni događaji
 - Obuke, prezentacije, konferencije, ...
- Veze na partnerske projekte
 - EOSC, OpenAIRE, ...

OPEN CALL

Highlights



EOSC IN THE REGION

[EOSC stakeholders map](#)[Survey Results](#)[EOSC Promoters in Southeast Europe](#)

NI4OS-Europe performed a survey to ensure the EOSC awareness and readiness status in South East Europe. A wide range of stakeholders has been identified and clustered on the basis of important Open Science functions: FUND – CREATE – SUPPORT – CONSUME – FACILITATE.

Information about stakeholders has been captured in an [online map](#).

Data clustering

Funders and policymakers

Actors who fund research and, most commonly, shape research-related policies, including:

- Public sector research funders; government's funding mechanisms supporting national research and innovation strategies and plans;
- Private sector research funders, i.e. individuals or organizations providing financial support for the creation and continuation of research programmes and initiatives;

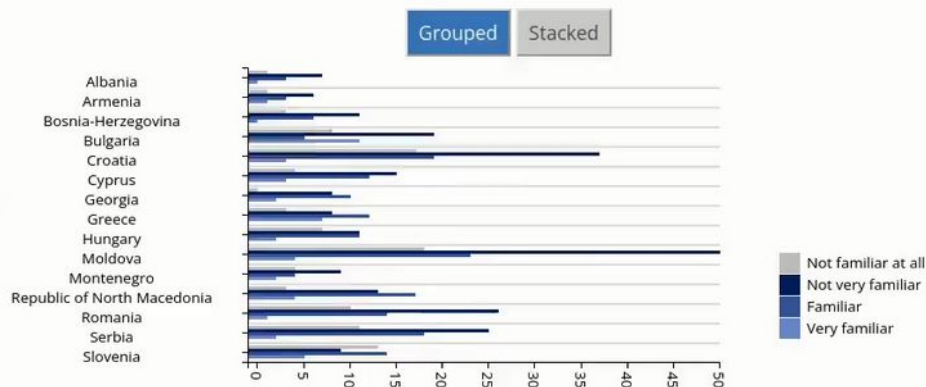
The ones who perform research

- Research performing organizations; universities and HEIs; public and private sector organizations providing knowledge and education in studies covering all disciplines, from more theoretical to applied and interdisciplinary sciences;
- Research institutes / centres; public and private sector organizations producing new knowledge and technologies aimed at improving professionals' and citizens' life by providing flexible and innovative solutions to everyday need;
- Researchers; individuals (in all stages of their career);
- Research communities; groups of researchers undertaking research activities in domain-specific disciplines;
- Citizen scientists; anyone with direct or indirect participation in citizen science projects/initiatives;

☒ Not familiar at all
 ☐ Not very familiar
 ☐ Familiar
 ☐ Very familiar

Total responses: 575

The largest number of responses came from Moldova (95) and Croatia (76). In terms of absolute numbers, these two countries have both the greatest number of stakeholders familiar or very familiar with EOSC (Moldova 27; Croatia 22) and stakeholders unfamiliar or not very familiar with EOSC (Moldova 68; Croatia 54). In terms of percentages, Greece and Georgia have the highest share of stakeholders familiar or very familiar with EOSC – around 60%. At the same time, Bulgaria has the greatest share of stakeholders who are very familiar with EOSC – around 25%.



Total responses: 575

FAIR – How familiar are you with the concept of FAIR (Findable, Accessible, Interoperable, Reusable) regarding data?

The stakeholders in the partner countries are generally not very familiar with FAIR: nearly 50% are either unfamiliar or not very familiar with FAIR. As expected, Research supporters and OS facilitators are the most familiar with the concept: more than 70% of research supporters and all OS facilitators are either familiar or very familiar with FAIR principles.

Grouped Stacked

OS stakeholders map

Survey Results

EOSC Promoters in Southeast Europe

15 National OSC Initiatives

Further reading

Deliverable D6.2: Social and economic impact of EOSC in Europe. (2020, January 27). Training plan. Zenodo. <http://doi.org/10.5281/zenodo.3736155>

Blog post: <https://ni4os.eu/2020/03/23/ni4os-europe-open-science-stakeholder-map-now-available-online/>

Deliverable 2.1: Biljana Kosanović, & Milica Ševkušić. (2019, December 30). Stakeholder map, inventory, policy matrix. Zenodo. <http://doi.org/10.5281/zenodo.3736129>

Dataset: Kosanović, Biljana, Ševkušić, Milica, & Otašević, Vladimir. (2020). Open Science stakeholders in Albania, Armenia, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Georgia, Greece, Hungary, Moldova, Montenegro, North Macedonia, Romania, Serbia and Slovenia [Data set]. Zenodo. <http://doi.org/10.5281/zenodo.3722930>



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Checklist contains all elements that have been identified as essential steps towards setting up EOSC and presents them in a checklist form to facilitate the process. The proposed steps are considered as important elements that can be combined, adapted and adjusted, as part of the modular workflow for the setup.



"Indicators for the NOSC establishment - Checklist" is a proposal of an indicative set of metrics that may be used for the assessment of the status and progress of the NOSC in the region. The proposed indicators are in line with the EOSC Readiness Indicators and may be used as a guide to complement the establishment and operation of a NOSC. The framework should be both, agile and expandable to successfully address any countries-specific needs.



NI4OS-Europe prepared an explanatory video demonstrating the three different setup options "Examples of workflows for setting up NOSCIs" accompanied with real-life examples. For more information on what models are available for building NOSCIs based on good examples, you can visit the "Tools and examples for building NOSCIs and connecting them to EOSC" webinar page.



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Hvala ...

Pitanja?