

EOSC Symposium 2022

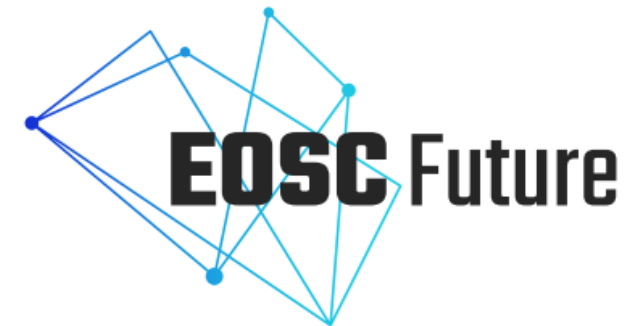
EOSC engagement at regional level session

Engagement in the Western Balkans

17 November 2022 - Prague

Dr. Ilias Papastamatiou

GRNET – National Infrastructures for Research and
Technology



15 Member States and Associated Countries | 22 Partners



Participating countries

Greece	Hungary	Albania	Republic of Moldova
Cyprus	Romania	Bosnia-Herzegovina	Armenia
Bulgaria	Slovenia	North Macedonia	Georgia
Croatia	Serbia	Montenegro	



Regional collaboration in SEE for past 20 years

Concrete policy and technological developments [?]
SEEREN and SEE GRID series, HP SEE and VI-SEEM

Very close relationship with governments to secure national support for the EU initiatives

OS policy landscape Fragmented | area with diversities including 7 MS and 8 AC [?] need for a **solution to support concretely OS Policies for the SEE countries** and engagement with **EOSC**.

The solution: Establishment of NOSCI



NOSCI ? coalition of national organizations that have a prominent role and interest in the EOSC with main objective to promote synergies at national level for optimize the participation into EOSC

- **Living OS ecosystems** that support EOSC Governance and embrace diversity and OS maturity of countries.
- Spreading **awareness and communicating EOSC developments** to all national Stakeholders ? tackling the knowledge gap on EOSC.
- **Organise and coordinate the national community with activities** that enable interconnection with **EOSC Ecosystem** and participation into **the EOSC-A**.
- **Reduce policy fragmentation** in the SEE and promote federation on national level.

NOSCI: tangible outcomes

Already Established: 12 NOSCI

- 2022
- Bosnia and Herzegovina NOSCI**
- Workflow: Hybrid

Bosnia-Herzegovina



- 2021
- National Initiative for Open Data and Cloud Computing (BGI-ODCC)**
- Workflow: Hybrid

Bulgaria



- 2021
- Croatian Open Science Cloud Initiative (locally HR-OOZ initiative)**
- Workflow: Hybrid

Croatia



- 2022
- Cyprus Open Science Initiative**
- Workflow: Top-down

Cyprus



- 2021
- Georgian Open Science Cloud Initiative (GOSCI)**
- Workflow: Bottom-up

Georgia



- 2022
- Hellenic Open Science Initiative (EPAE-HOSI)**
- Workflow: Hybrid

Greece



- 2021
- Nyílt Tudományos Fórum (Open Science Forum)**
- Workflow: Hybrid

Hungary



- 2020
- National Open Science Cloud Initiative in Montenegro (NIOON)**
- Workflow: Bottom up

Montenegro



- 2021
- National Open Science Cloud Initiative in North Macedonia (NOSCI.MK)**
- Workflow: Hybrid

North Macedonia



- 2021
- Romanian Open Science Cloud Initiative (RO-NOSCI)**
- Workflow: Hybrid

Romania



- 2020
- Team for Open Science in Serbia (TONus)**
- Workflow: Hybrid

Serbia



- 2021
- Slovenian Open Science Community**
- Workflow: Top-down

Slovenia



<https://ni4os.eu/15-national-osc-initiatives/>

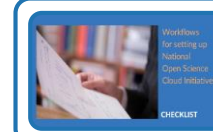
NOSCI: tangible outcomes

Impact of NOSCI

- Strong collaboration at regional level
- Exchange of best practices related to OS
- Training of a respectable number of individuals on OS / FAIR / EOSC
- Development or update of official OS Policies in majority of SEE countries
- Alignment of national policies at EU level
- Support to be at the same pace across the region
- Encourage broader use of EOSC available resources



Blueprint (NI4OS-Europe D2.2)



Checklist - Workflows for setting up NOSCI



Checklist - Indicators for the NOSCI's establishment




Business models recommendations (NI4OS-Europe D2.5)

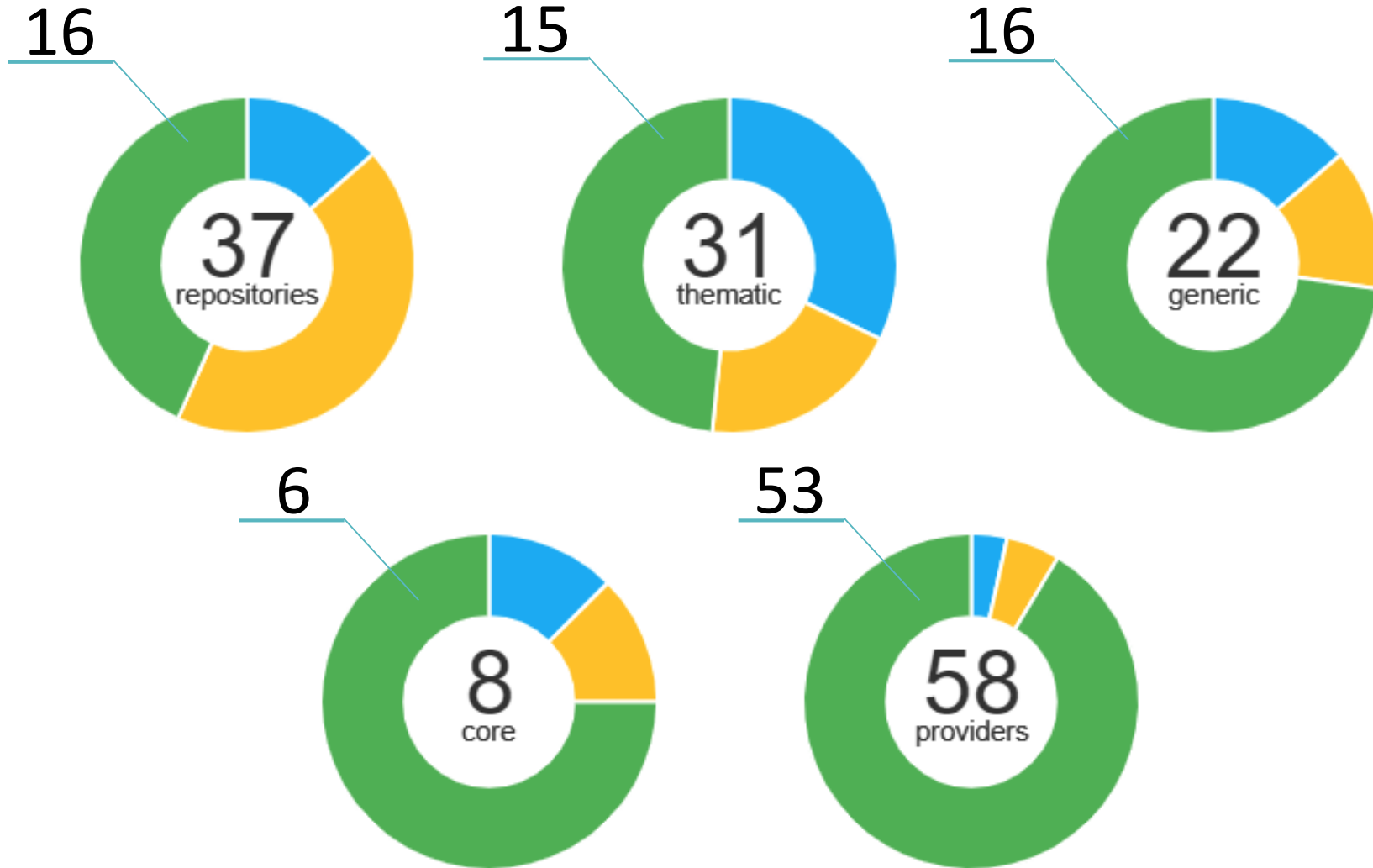


Training & support events

Liaison & collaboration

- Support to national representatives in the EOSC GB & EB and now in SB
- Input to all EOSC strategic documents (Fair Lady, SRIA, etc)
- Participation in the EOSC Task Forces and now in the Advisory bodies
- Participation into the EOSC-A  6 Mandated organizations | 11 Members | 7 Observers





NI4OS-Europe
On-boarding dashboard
<https://catalogue.ni4os.eu/>

NI4OS-Europe
AGORA catalogue
<https://agora.ni4os.eu/>

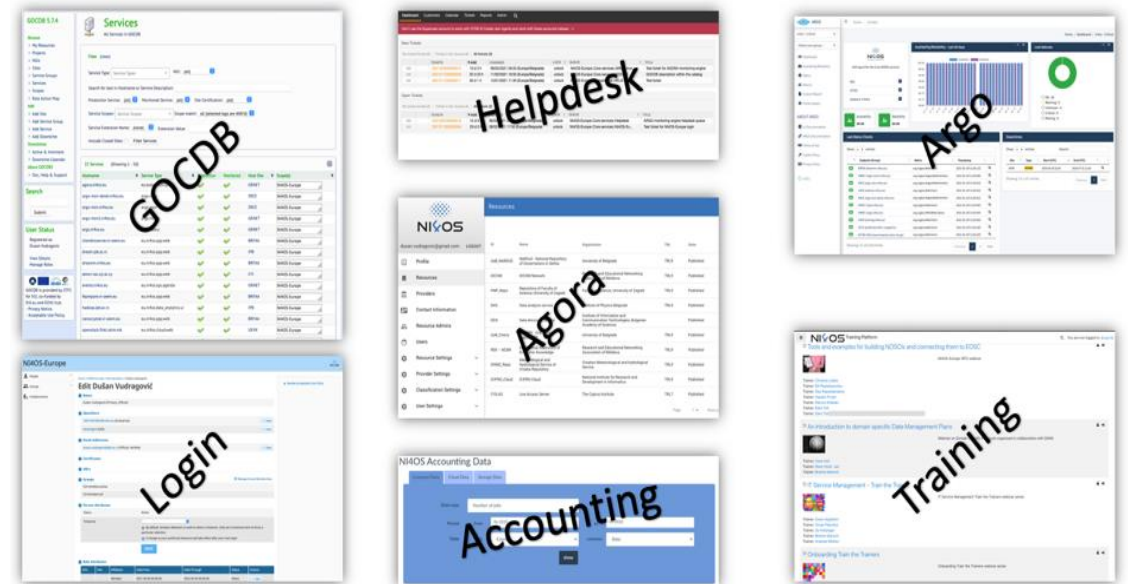
EOSC Portal Catalogue
& Marketplace
<https://marketplace.eosc-portal.eu/>

NI4OS-Europe contribution to the EOOSC Core

✓ On-boarding procedure implies integration with:

- ✓ Monitoring system
- ✓ Accounting
- ✓ Authentication and Authorization Infrastructure AAI
- ✓ Training portal
- ✓ Helpdesk system

✓ Integration guidelines
<https://wiki.ni4os.eu/>

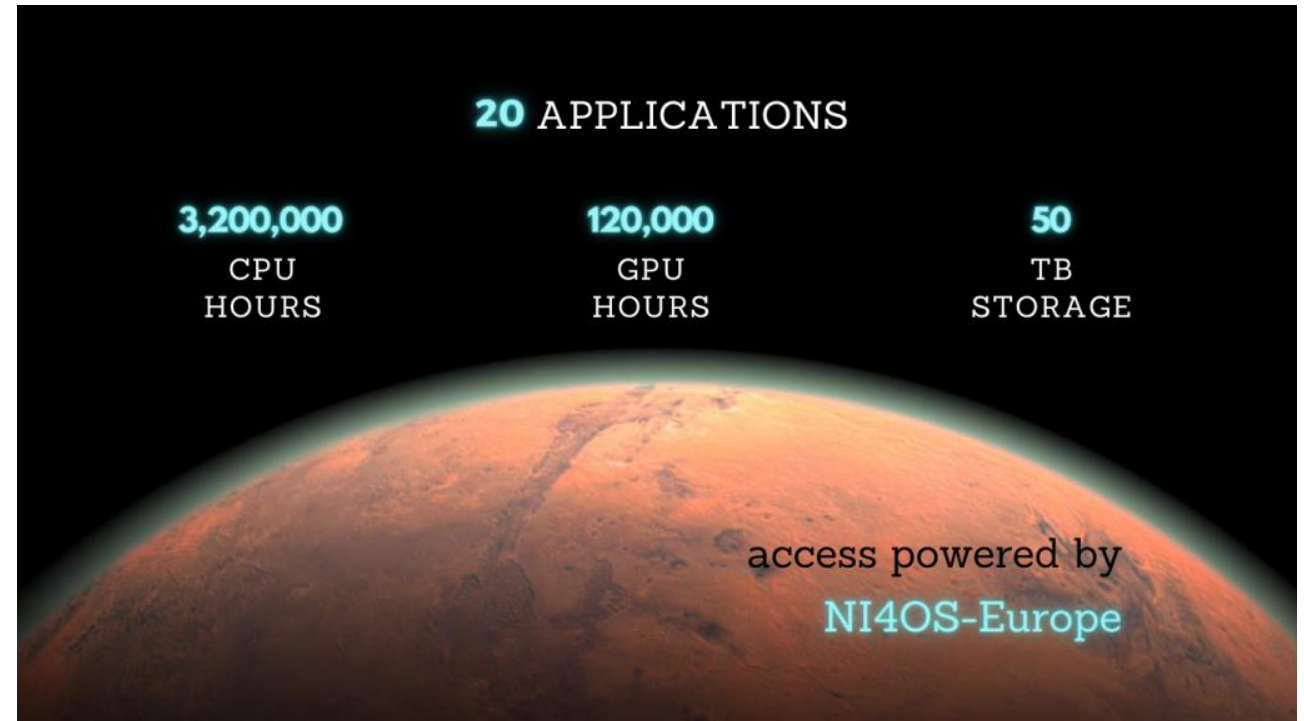


✓ NI4OS-Europe services

- ✓ Generic services (22)
- ✓ Thematic services (31)
- ✓ Repositories (37)

✓ NI4OS-Europe Open call

-  5 in Life sciences
-  2 in Climate research
-  3 in Digital cultural heritage
-  8 in Computational physics
-  2 in other fields

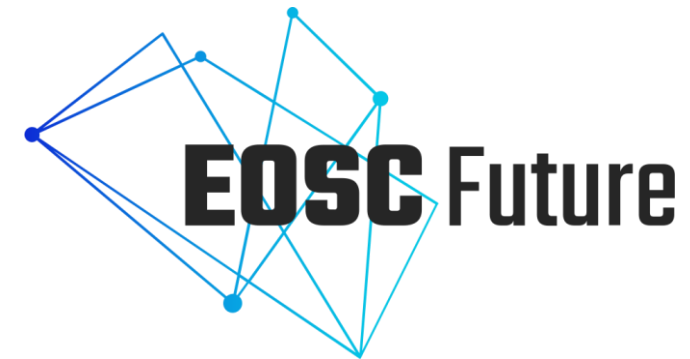


EOSC Future is the **main project supporting the implementation of EOSC, implement EOSC core and build consensus around EOSC**

The project started in April 2021 and will end in September 2023

35 beneficiaries representing over 85 organisations from all around Europe

Total funding: 40 M€



Integrate, consolidate, and connect e-infrastructures, research communities, and initiatives in Open Science to further develop the EOSC Portal, EOSC-Core and EOSC Exchange



GRNET with UKIM (N.Macedonia), UoB (Serbia) and UoM (Montenegro) as a LTPs

Dissemination and user engagement

Promotion of the EOSC and FAIR principles

Supporting the communities to apply to the EOSC calls

Using NI4OS-Europe national events

National Capacity Training in **North Macedonia**, 15.10.2021, online

PhD Workshop, PhD School at UKIM, 07.02.2022, online

QUAINT Open Data – Mobilisation and Mutual Learning Workshop for the **Kosovar** community, 12.05.2022, online

National End Users Training, **Montenegro**, 24.05.2022, Podgorica

National End Users Training, **Bosnia and Herzegovina**, 31.05.2022, hybrid

The Future of EOSC webinar, 09.06.2022, online

National End Users Training, **Albania**, 20.06.2022, hybrid

NI4OS-Europe regional conference, **Hungary** 28.-29.09.2022

Days of science and innovations, **Montenegro**, 29.09.-02.10.2022

Open science days IV, **Serbia**, 3.-4.11.2022



Collect first-hand feedback on the EOSC user experience

Currently 300+ members 🇲🇰 🇸🇪 North Macedonia, Bosnia and Hercegovina, Serbia

What's in it for you?

- get involved in EOSC co-design and validation
- influence future EOSC developments on behalf of your research or professional community
- meet potential partners/collaborators
- receive mentoring/matchmaking and training support
- bolster your CV with EOSC-related experiences
- you can apply here: <https://eosc-portal.eu/call-researchers-shape-eosc-future-solutions>



The programme is aimed to:

- Service providers willing to offer their services through EOSC for the community
- Researchers who want to take advantage of federated EOSC resources

Support of the WB research communities to apply for the Early Adopters Programme (EAP)

<https://eosc-portal.eu/eosc-early-adopter-programme>

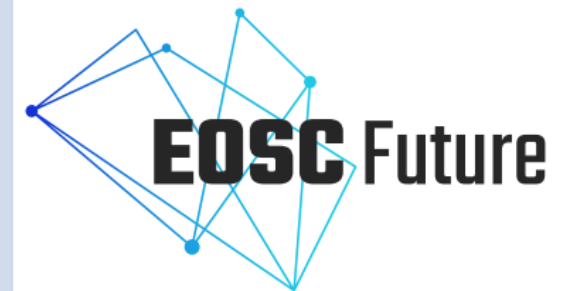
- Possible applicants from North Macedonia and Serbia

Dissemination of the upcoming calls to the WB communities

<https://eoscfuture-grants.eu>

For region of SEE and WB, it is important to:

- Keep the region aligned with EU efforts
- Support countries on the path to EU accession
- Ease the digital divide between the region and rest of EU ☐ prevent brain drain from the region
- Continue the EU funding for the region (matching the national funding) to keep the momentum and to prevent 2-speed Europe
- Regional initiatives are an important to sustainability block in the EOOSC puzzle: Helps scalability on European level and ensure full coverage in Europe, and broad engagement



Thank you

Any Questions?



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