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For frequent updates,
see our website at:
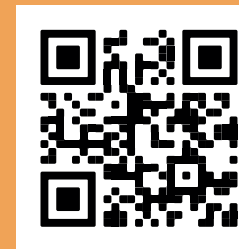
NI4OS

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# for OPEN SCIENCE Cloud

NI4OS

NI4OS-Europe
National Initiatives for Open Science in Europe

https://ni4os.eu

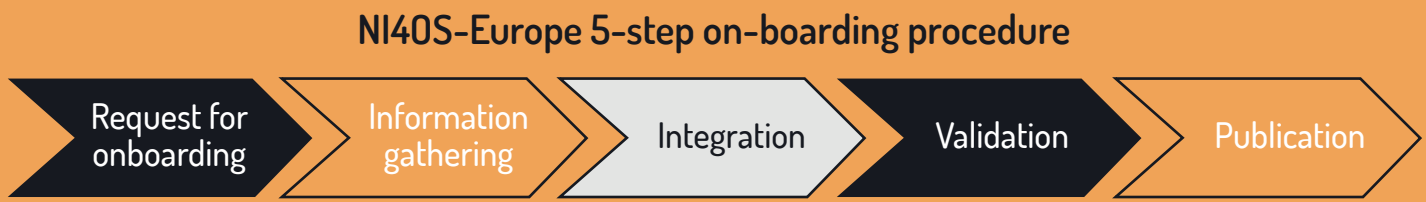# NI4OS-Europe SUPPORTS INCLUSIVENESS AND SUSTAINABILITY IN EOSC BY SETTING UP NOSCIs

National Open Science Cloud Initiatives (NOSCIs) are envisaged as a coalition of national organizations that have a prominent role and interest in the European Open Science Cloud (EOSC). The main aim of NOSCIs is the promotion of synergies at the national level, and the optimization/articulation of participation in European and global challenges in the field of Open Science.

Landscaping

The most extensive attempt to capture Open Science (OS) in the region

Capturing the state of existing OS policy documents

Mapping existing national OS strategies/initiatives

Modeling

Draft of an adaptable Blueprint for NOSCIs in South East Europe (SEE)

Aiding in the creation of NOSCIs and national OS Plans

Supporting the Setup of NOSCIs

Suggest different pathways for the formation of National Initiatives in SEE

Provide handy checklists with indicators and workflows for assessing status and progress of setup process

Open Science stakeholders in South East Europe
Data sets are openly available in Zenodo.
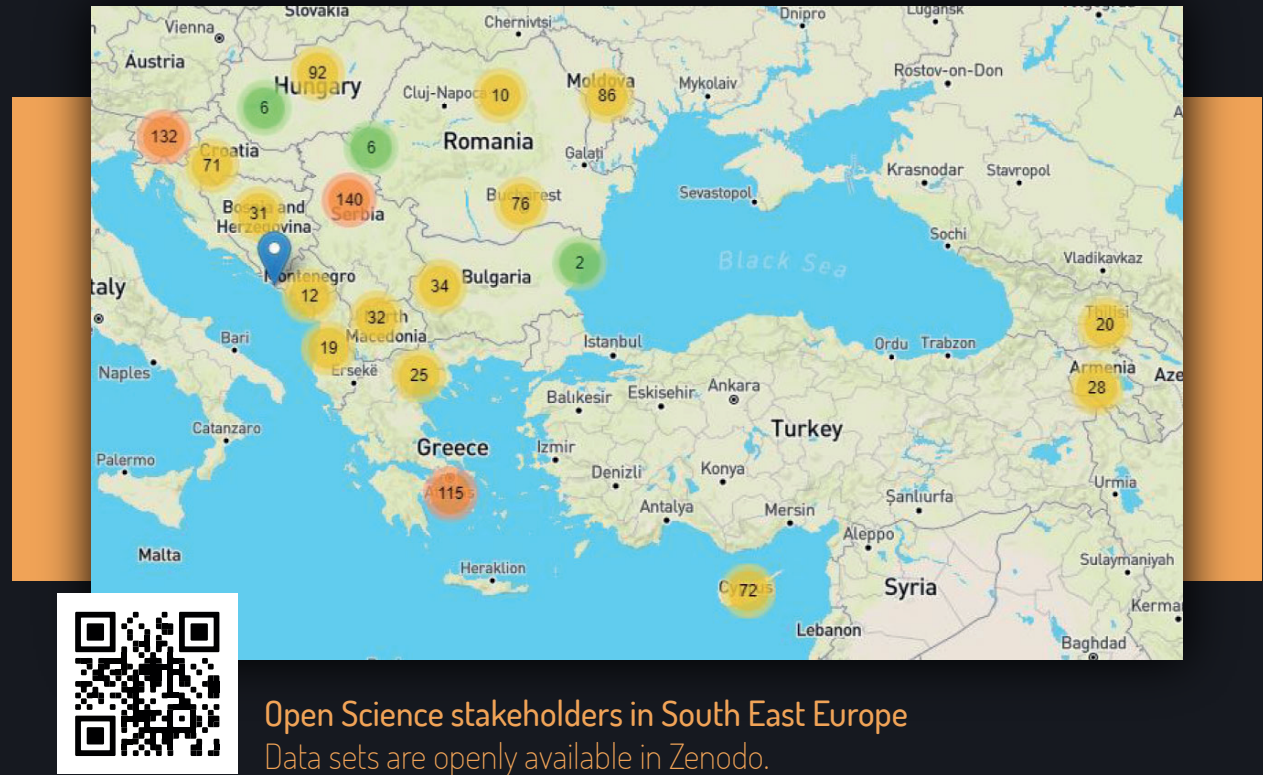
HOW DOES NI4OS-Europe BRING SCIENTIFIC COMMUNITIES CLOSER TO EOSC?

NI4OS-Europe will integrate a wide range of end-user services to EOSC, and aid scientific communities in adapting and using these services on a daily basis.

NI4OS-Europe 5-step on-boarding procedure

Request for onboarding → Information gathering → Integration → Validation → Publication

NI4OS-Europe supports providers by on-boarding their services to EOSC.

- The main target groups for on-boarding are: generic services, thematic services, repositories
- Operational best practices enabling the on-boarding and federation of generic and thematic services and their connection to EOSC
- Support for certification of repositories
- Harmonization of service templates
- Providing a pre-production environment for testing and validation

The on-boarded services are tested by demonstrators, specific scientific communities, who have the ability to provide detailed assessment about the project's services, from the user perspective.

Exploring NI4OS-Europe catalogue

- **19** on-boarded services
- **6** thematic services
- **2** repositories
- **4** generic services
- **7** core services
- **97** selected service descriptions
- **41** registered resources

NI4OS-Europe TOOLS FOR ADDRESSING LEGAL CONCERNS IN ORDM AND FAIR

LCT – License Clearance Tool
A web application for establishing open-source license required for the creation of a new or synthetic dataset, media, software, etc. or for the re-use of existing unlicensed content.

RoLECT – EOSC RoP Legal & Ethics Compliance
Aggregated guided assessment for EOSC Rules of Participation, which mitigates legal uncertainty and ensures compliance with the key legal and ethical aspects.

RePol – Repository Policy Generator
The main purpose of this web application is to generate policies for repositories, but it can be used to generate any other type of document, due to the versatile nature of its configurable forms and FreeMarker templates.

Capacity Building in the Region

BUILDING CAPACITY
NI4OS-Europe "Train the Trainers" events ensure effective knowledge transfer. Instructors are trained in EOSC philosophy and the principles of data Findability, Accessibility, Interoperability and Reusability (FAIR) and diffuse their knowledge to the wider community. NI4OS-Europe trainees are now trainers supporting scientific communities in federated services, interoperability, Open Research Data Management (ORDM), FAIR and other topics relevant to EOSC.

PROMOTING EOSC
Engagement of stakeholders is essential for the implementation of the EOSC vision. Direct communication and an active network of Open Science actors can play a crucial role in this respect. EOSC Promoters are a network of people active in Open Science, who act as the EOSC and FAIR ambassadors at the national level. The 15 EOSC promoters are high profile individuals known in the community who have visibility at the national level and are able to engage the stakeholders.

CREATING AWARENESS
NI4OS-Europe reaches out to key stakeholders in the region and establishes liaisons via national training (capacity building) and dissemination events. 12 national dissemination events have been organized with close to 400 participants and 14 national training events with more than 500 attendees, raising awareness of the project offerings and opportunities.