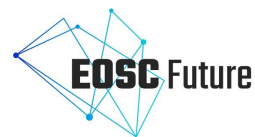
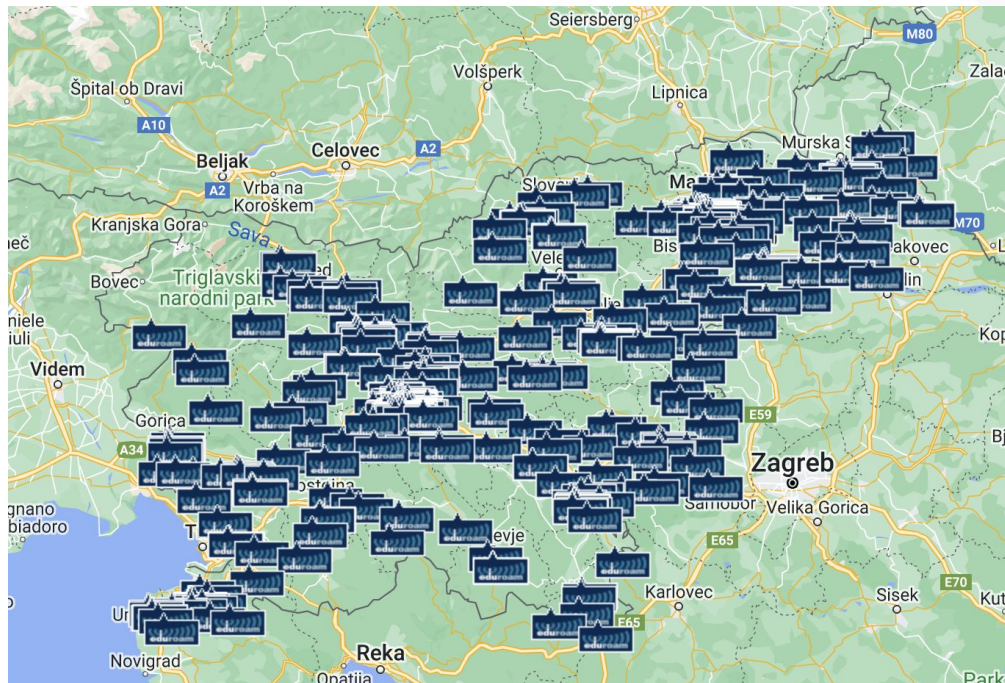


First steps of Slovenian Open Science Community with highlights of a tripartite event in Ljubljana

Marko Drobniak, ARNES



ARNES



- **ARNES** = Academic and Research Network of Slovenia.
- Arnes is a public infrastructure institution that primarily provides network services to organizations in the fields of:
 - research,
 - education,
 - and culture,
 - enabling them to connect and collaborate with each other and with similar organizations abroad.

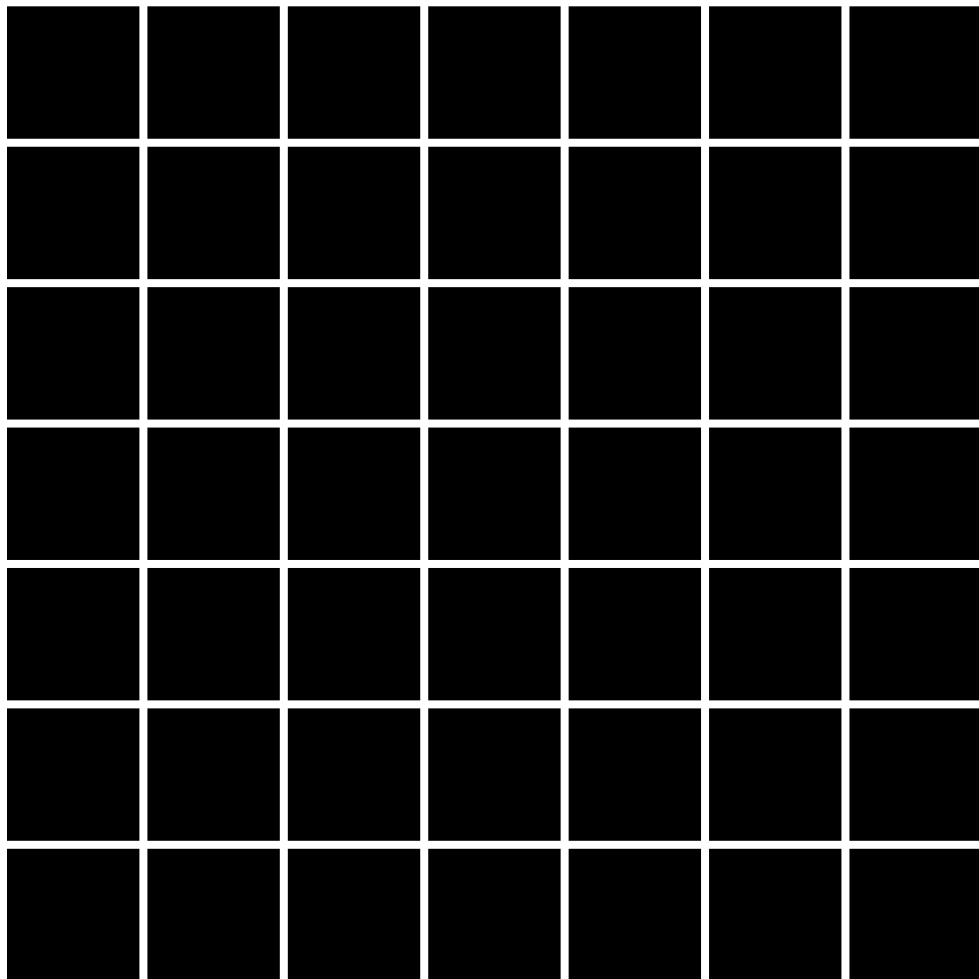


Today's presentation

- Three sections = time slots.
- Yesterday
 - Existing repositories
- Today
 - Slovenian research area through the perspective of legislation and a resolution
- **Tomorrow**
 - Full FAIR, and EOSC integration into future services



Slovenia, the land of repositories



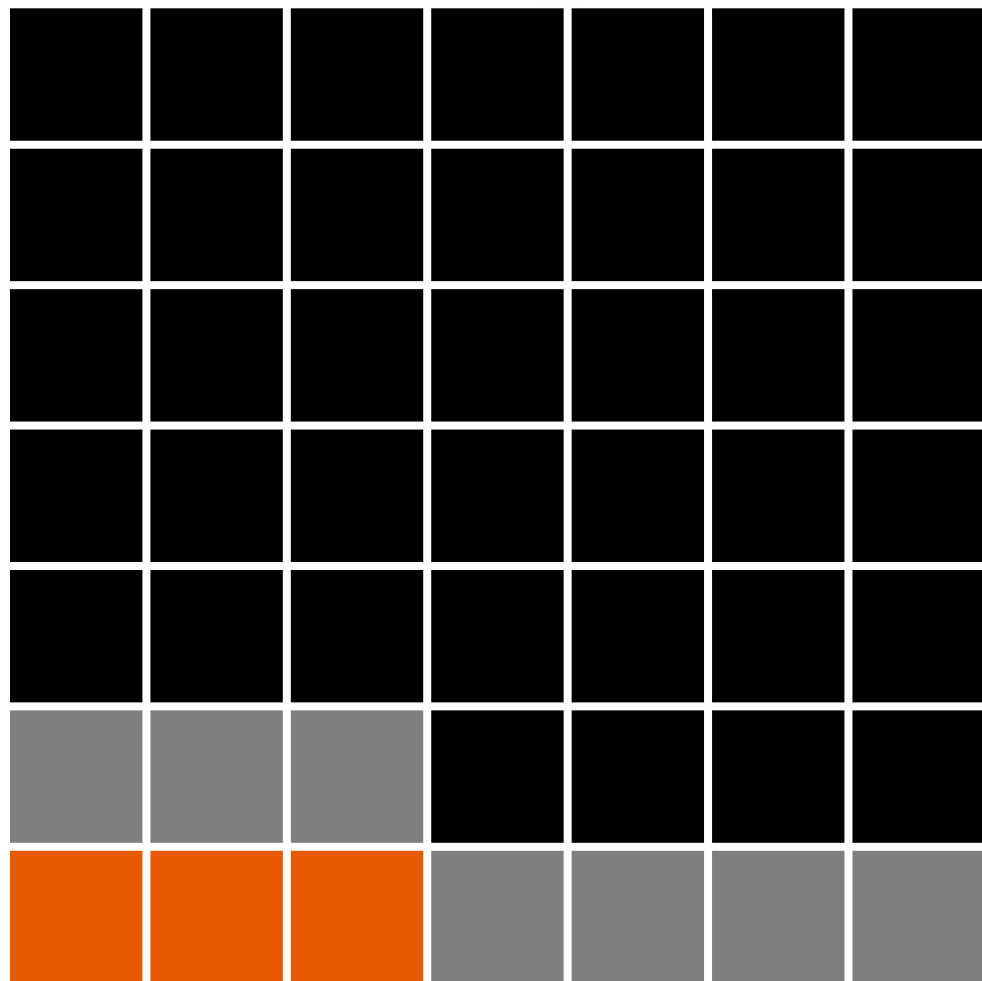
- 40+ official repositories (NI4OS-EUROPE)
 - + small sea of unlisted repositories for internal use within the labs and under researcher's desks.
- However, the "RDA Node Slovenia" working group has identified more than

Slovenia, the land of repositories

Black	Black	Black	Black	Black	Black	Black
Black	Black	Black	Black	Black	Black	Black
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Black	Black	Black	Black	Black	Black	Black
Black	Black	Black	Black	Black	Black	Black
Grey	Grey	Grey	Black	Black	Black	Black
Grey	Grey	Grey	Grey	Grey	Grey	Grey

- 10+ Slovenian repositories (RDA Node Slovenia report) that meet the following conditions:
 - +/- a national repository,
 - and not just partner in infrastructures;
 - +/- already active,
 - and not just planned, under construction, or temporarily inactive;
 - +/- directly offer data from their own storage.

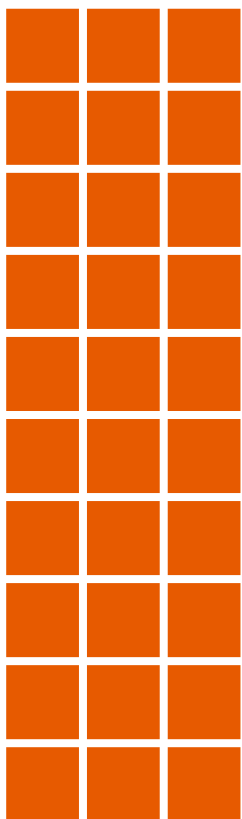
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- 3 repositories with trust certificate

Research activity

• PRI

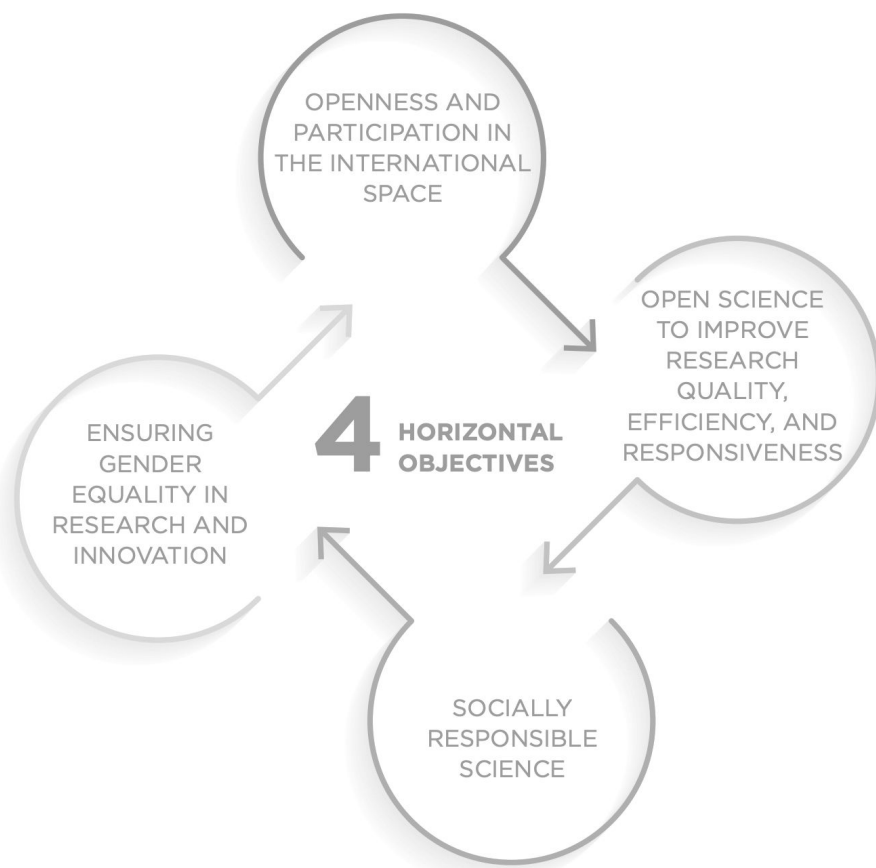


Universities



- Research and infrastructure activities can be carried out by public organizations as well as by private organizations with a public service concession.
- The key players are public research institutions,
 - established by the ministry responsible for science
 - or by the Slovenian Academy of Sciences and Arts. A public institution then performs a public service
- 15+ public research institutes (PRI)
 - The research role on universities.

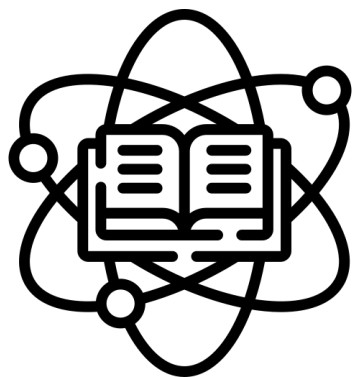
Resolution on the Slovenian Scientific Research and Innovation Strategy 2030



• 6.2. Open Science to improve research quality, efficiency, and responsiveness

- Measure 1: Effectively manage and finance the development of the national Open Science ecosystem and ensure its coherence with international standards, develop national structures and infrastructures related to Open Science, and foster their integration into international networks and infrastructures.
- Measure 2: Introduce modern approaches to the evaluation of scientific research in accordance with Open Science principles (e.g. DORA -San Francisco Declaration on Research Assessment, Leiden Manifesto for research metrics, (European Research Area and Innovation Committee Guidelines) to increase the quality and impact of research.
- Measure 3: Ensure that the results of scientific research are consistent with the FAIR (Findable, Accessible, Interoperable, and Reusable) principles, and that full and immediate Open Access is provided (subject to justified exceptions).
- Measure 4: Establish a national Open Science community to implement and monitor Open Science in Slovenia, as well as its integration into ERA and beyond.
- Measure 5: Promote the development of citizen science and public involvement in scientific research.
- Measure 6: Promote the development of national scientific publishing that will operate according to the principles of Open Science.

Scientific Research and Innovation Activities Act



- Article 2: scientific research must comply with principles of open science
 - Open access to results;
 - (FAIR) metrics for evaluation of scientific research
- Articles 12, 20: reserved founding for implementation of open science principles
- Article 40: definition of Open Science
 - Open access to research results
 - Implementation of open science principles to research work

Slovenian open science community as an unwritten piece of paper

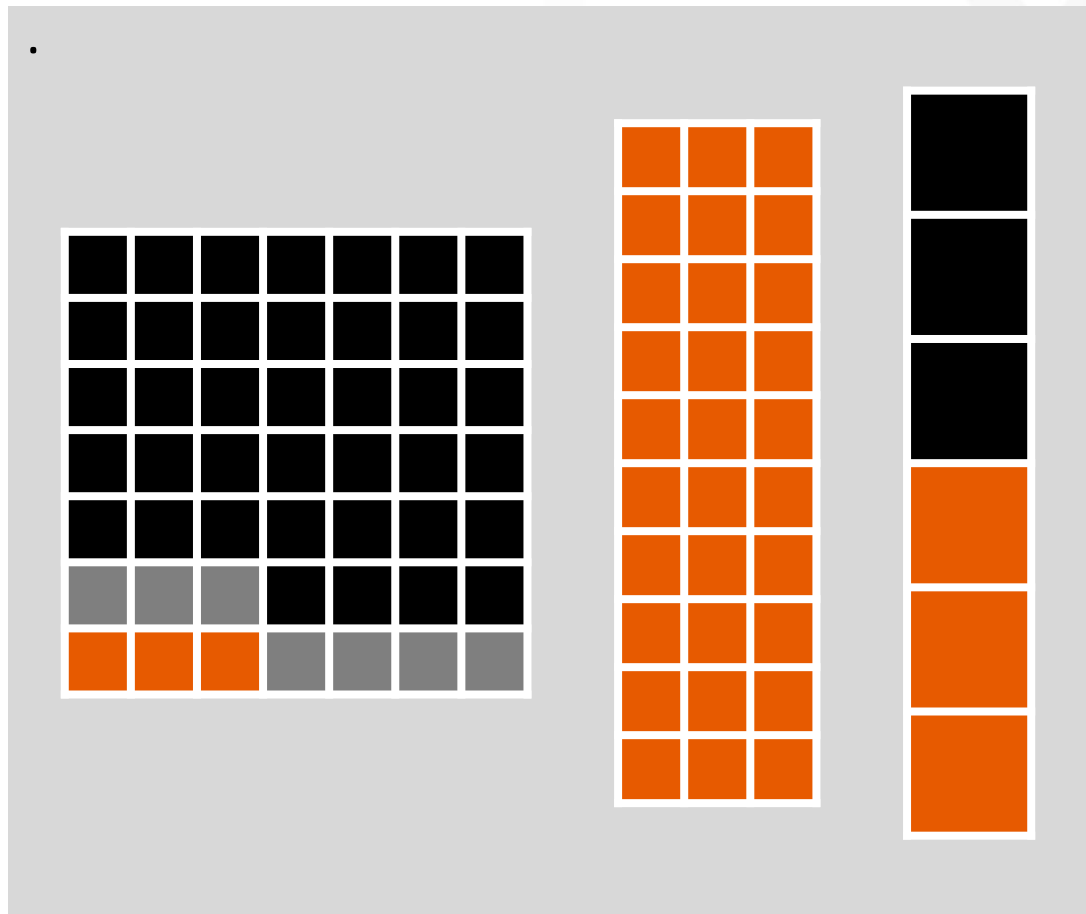


•7+
challenges for
a better
tomorrow

•7+
solutions for a
better
tomorrow



Conclusion



- Slovenia has a multitude of repositories already in action.
- The Slovenian Open Science Community will play a bridging role between the actors in the field of science and research, with open science as the common thread.
- Appropriate architectural solution must be put in place to:
 - make the operation of the research community as simple and user-friendly as possible,
 - avoid overburdening researchers,
 - and make the FAIR evaluation feasible.
- **Role of Arnes and Slovenian Open Science Society**
 - We aim to develop a superior and professional service supported by a sophisticated data center, which will be integrated it into the EOSC ecosystem.
- **Open science is finally becoming the new normal.**
- Open science is a public good and added value for the future of society.