



BE-OPEN WP3: Infrastructural Support for Open Science Principles

- Timeline

- M7-M26

- 01.04.2017. → 30.11.2018.

- **B.1** Study visit to to transfer knowledge related to research data management
- **B.2** Define the national standards and guidelines for the development of OSP infrastructure
- **B.3** Develop institutional repositories
- **B.4** Develop a Web service for the universities-industry knowledge transfer

- Report on the current experiences from EU countries regarding the technical aspects of the implementation of OSP
- Basis for setting the standards and recommendations at the national level
- Overview of
 - infrastructure demands, hardware and software requirements
 - metadata formats, interoperability specs, compatibility issues
 - harvesting protocols
 - user privileges

M19

- Definition and adoption of common standards and protocols for all resources and digital services supporting OSP at Serbian HEIs
 - internationally accepted principles and requirements
 - actual information needs of various stakeholders from Serbia
 - reports on the expertise, publication patterns, and productivity of researchers, teams, and departments →
Ministry of Science

M7-11

- All universities will establish institutional repositories in accordance with the adopted national regulations, guidelines, and technical standards
- Universities can develop jointly or independently
- Open source encouraged, not mandatory

M12-24

- Central search portal for all Serbian universities
- Cohesive network of digital repositories
- Facilitate the transfer of knowledge from universities to the wider community and industry

M21-26

Open science tech ecosystem

- Registries of repositories
 - ROAR: registry of open access repositories
 - OpenDOAR: directory of open access repositories
- Repository networks
 - OpenAIRE: European framework
- Harvesting standards and interfaces
- Best practices at EU partners
- Available repository software

Local specialties @ UNS



- CRIS-UNS (current research information system)
 - EuroCRIS member
 - Used at some of the faculties at UNS
- Government of the Autonomous Province of Vojvodina
 - Scientific production reporting
 - Used at some of the faculties at UNS
- Digital library of doctoral dissertations @ UNS



Yet another repo?

- statistical reports on research performance of individual researchers, departments, and faculties
 - for university officials and tenure committees
- researcher profiles containing co-author networks, subject keywords, and publishing patterns
 - for project leaders and future collaborators
- technical reports on the application of innovative systems and products
 - for companies and possible funders
- open access → open data, open methodology, open edu resources