



EURASLIC XX: Sustainability and Infodiversity: (Aquatic) Libraries Strengthening Biodiversity Knowledge
3-5 May 2023, Brussels, Belgium

CroRIS - Croatian Research Information System - Croatian national CRIS -

Marina Mayer

Ruđer Bošković Institute
Centre for Scientific Information
Bijenička cesta 54
10000 Zagreb, Croatia
e-mail: marina.mayer@irb.hr

Sofija Konjević

Ruđer Bošković Institute
Centre for Scientific Information
Bijenička cesta 54
10000 Zagreb, Croatia
e-mail: sofija@irb.hr



Ruđer Bošković Institute (producing science since 1950 😊)

- Croatia's biggest and leading scientific institute in the fields of natural sciences, biomedicine and environmental research
- Centre for Scientific Information (CSI) – RBI's organizational unit which supports its research activities
- has been developing and maintaining interoperable information systems for the RBI and the whole Croatian research community for decades:
 - Croatian Scientific Bibliography – CROSBI (since 1997)
 - Database of project activities in science and higher education in the Republic of Croatia – POIROT (since 2015)
 - Database of instruments for scientific research - Šestar (since 2006)
 - Who is Who in Science in Croatia (since 2002) etc.



Croatian Research Information System - CroRIS

Strategic project „Scientific and Technological Foresight (STF)“

Coordinator: Ministry of Science and Education (MSE)

Partner: University Computing Centre - Srce

Reference No.: KK.01.1.1.03.0001

Project value: 15.494.132,14 HRK (2.057.653,67 EUR)

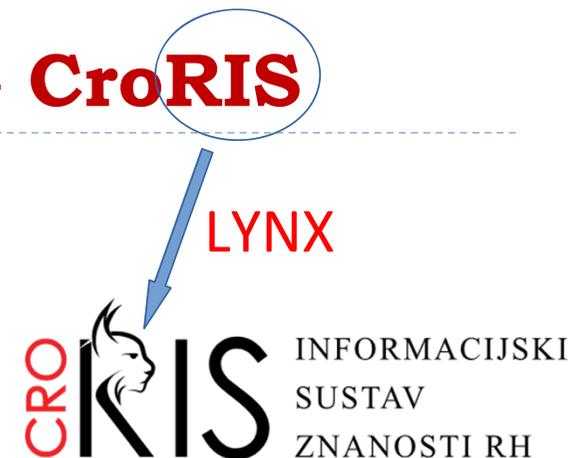
EU contribution: 13.170.012,32 HRK (1.749.005,62 EUR)

Implementation: 1/12/2017 – 1/3/2023 (prolongation till 1/8/2023)

Three main components:

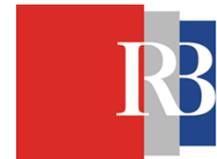
- legal adjustments regarding the data about research in Croatia
- development and implementation of CroRIS
- scientific and technological mapping and foresight exercise

Project is co-financed by European Union from the European Regional Development Fund.

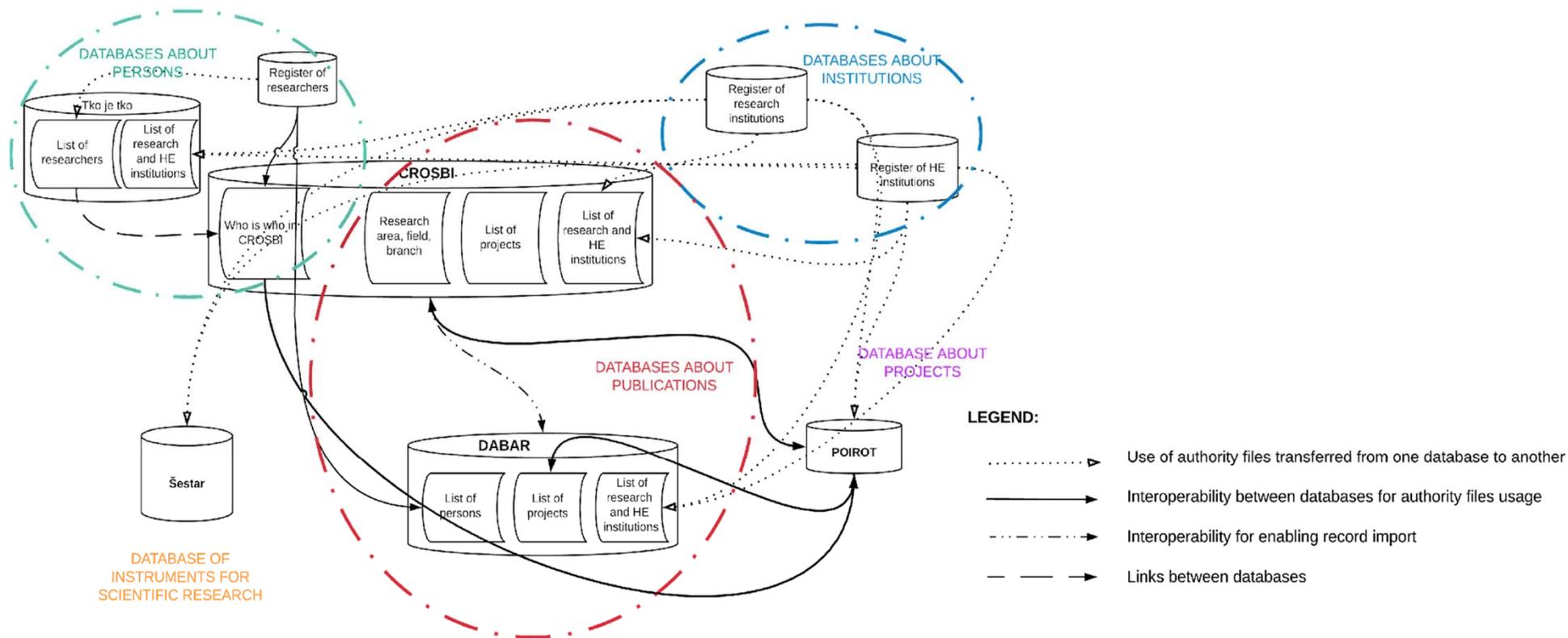


Participation of RBI in CroRIS

- November 2021 – Ministry of Science and Education - Srce - RBI - agreement defining roles in the development, maintenance and further development of CroRIS
- RBI-CSI tasks:
- implementation of CROSBI, POIROT and Šestar into CroRIS as separate modules (entities), migration and cleansing of current data, keeping current functionalities and interoperability with other information systems
- further cooperation on launching, development and improvements of CroRIS

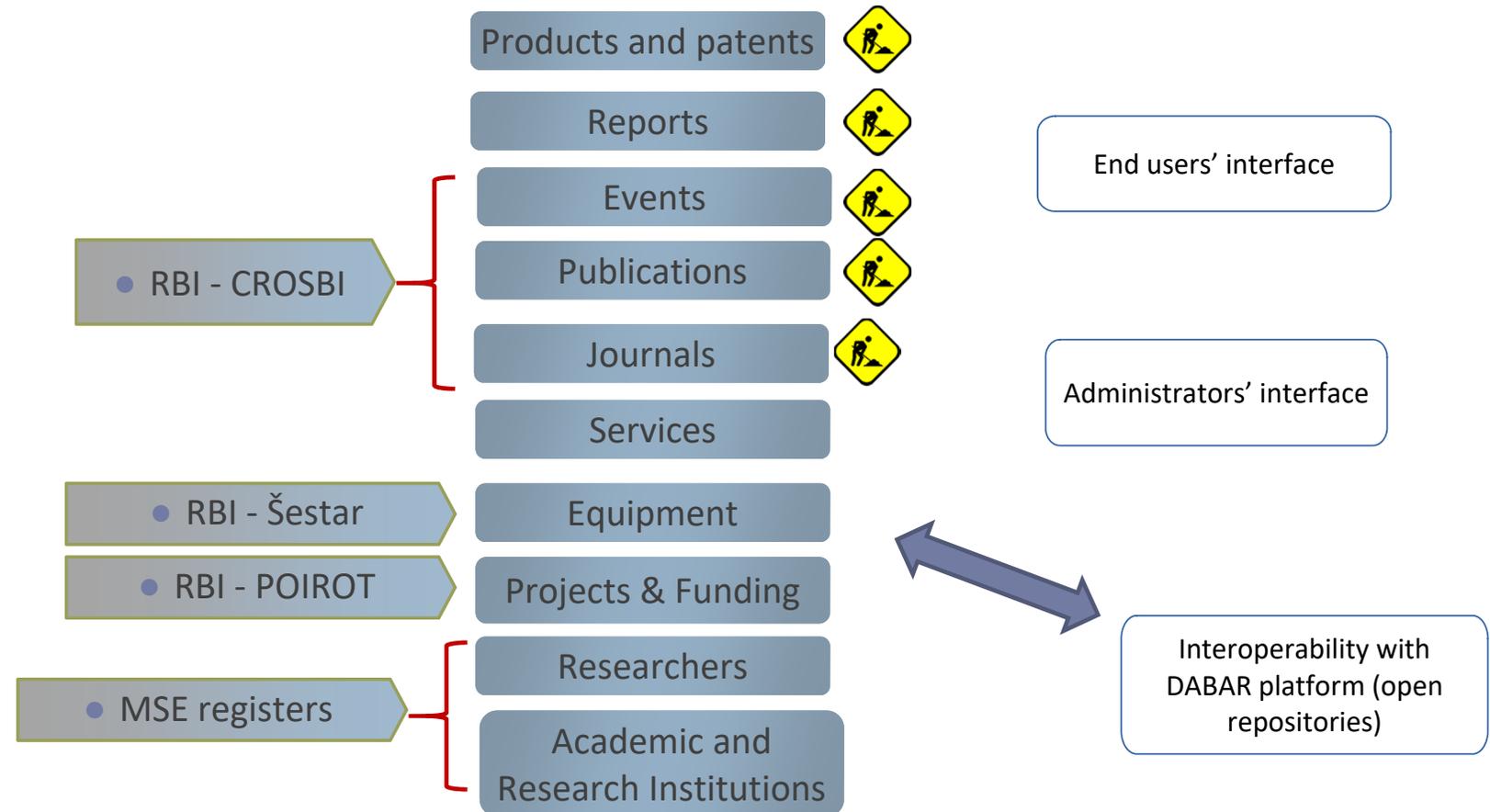


Croatian Research Information Landscape (before CroRIS)



Taken from: Orel, O., Macan, B. (2022) Croatian National CRIS Advances and Challenges in: CRIS2022: 15th International Conference on Current Research Information Systems. Dubrovnik, Croatia, 12.5.2022.

CroRIS Entities (modules)



Development process

Planning and development (CERIF (Common European Research Information Format) – supported by EC and EuroCRIS association))

- Data mapping (difference in fields in old and new databases)
- Data cleansing (excel spreadsheets! 😞 😞)
- Data migration
- Integration (connecting different datasets/entities in CroRIS; keeping existing integration with other systems)
- Promotion – promotional materials, conferences
- Education – 26 workshops held in 4 cities
- Customer/user support
- Maintenance and further development

Data Migration

Already migrated data from:

- Register of Researchers, Registry of Research Organizations, Registry of Higher Education Institutions (MSE) (2022)
- Database of Project Activities in Science and Higher Education in Croatia (POIROT) (2022)
- Database of instruments for scientific research (Šestar) (2022)
- Migration from CROSBI (in progress – due this summer):
 - partially from Who's who in CROSBI/CROSBI user profiles – to users' profiles in CroRIS
 - journal authority files, journal indexation
 - Events
 - Publication
 - Patents

User roles in CroRIS

- For members of Croatian scientific-research and higher education community, „basic” end-users/researchers
- superadmins/system admins (RBI, Srce)
 - admins for certain moduls (RBI; MSE Registers)
 - CroRIS coordinators (institutinal level)
 - CroRIS data editors for different modules (institutional level)
- other CroRIS specific user groups (i.e. government bodies)

- different user groups – different levels of authorization

CroRIS user support

- CroRIS RBI team - provides second-level support (CroRIS coordinators and institutional modules editors), coordinates institutions' activities regarding data editing, participates in the construction of CroRIS and in its further development
- CroRIS Srce team - technical support, maintaince of system operation, further developemnt and upgrade of program modules
- modules editors will provide customer support to the employees of their institutions

CroRIS and Open Science

- majority of the data – publicly available
- enables the visibility and transparency of information connected with different parts/stages of scientific research process
- data compatible with OpenAIRE infrastructure
- connection with EOSC – European Open Science Cloud (through HR-OOZ – National Open Science Cloud) – serves as a NOSC service catalogue

Which changes CroRIS brought to CSI

- new departement within CSI – CroRIS departement
 - new work places – additional new staff
 - lots of new work tasks and challenges for the years to come
-

<https://www.croris.hr/>

References

Balenović, Neven; Kremenjaš, Davorin; Orel, Ognjen. CroRIS Development Update. In: Autumn 2022 euroCRIS Strategic Membership Meeting. Nijmegen, Netherlands, 30/11-02/12/2022. <https://urn.nsk.hr/urn:nbn:hr:102:358181>

Orel, O., Macan, B. (2022) Aktualnosti u informacijskom krajobrazu znanosti. In: Dani e-infrastrukture – Srce DEI 2022. Zagreb, Hrvatska, 06/04-07/04/2022. <https://urn.nsk.hr/urn:nbn:hr:102:295580>

Orel, O., Macan, B. (2022) Croatian National CRIS Advances and Challenges. In: CRIS2022: 15th International Conference on Current Research Information Systems. Dubrovnik, Croatia, 12/05/2022. <https://urn.nsk.hr/urn:nbn:hr:102:198168>

Educational materials from CroRIS workshops for editors for modules *Projects* and *Equipment and Services*. Centre for Scientific Information, Ruđer Bošković Institute, 2022/2023

CroRIS teams:

CSI – RBI

Srce



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help@bib.irb.hr
croris@irb.hr



croris@srce.hr