



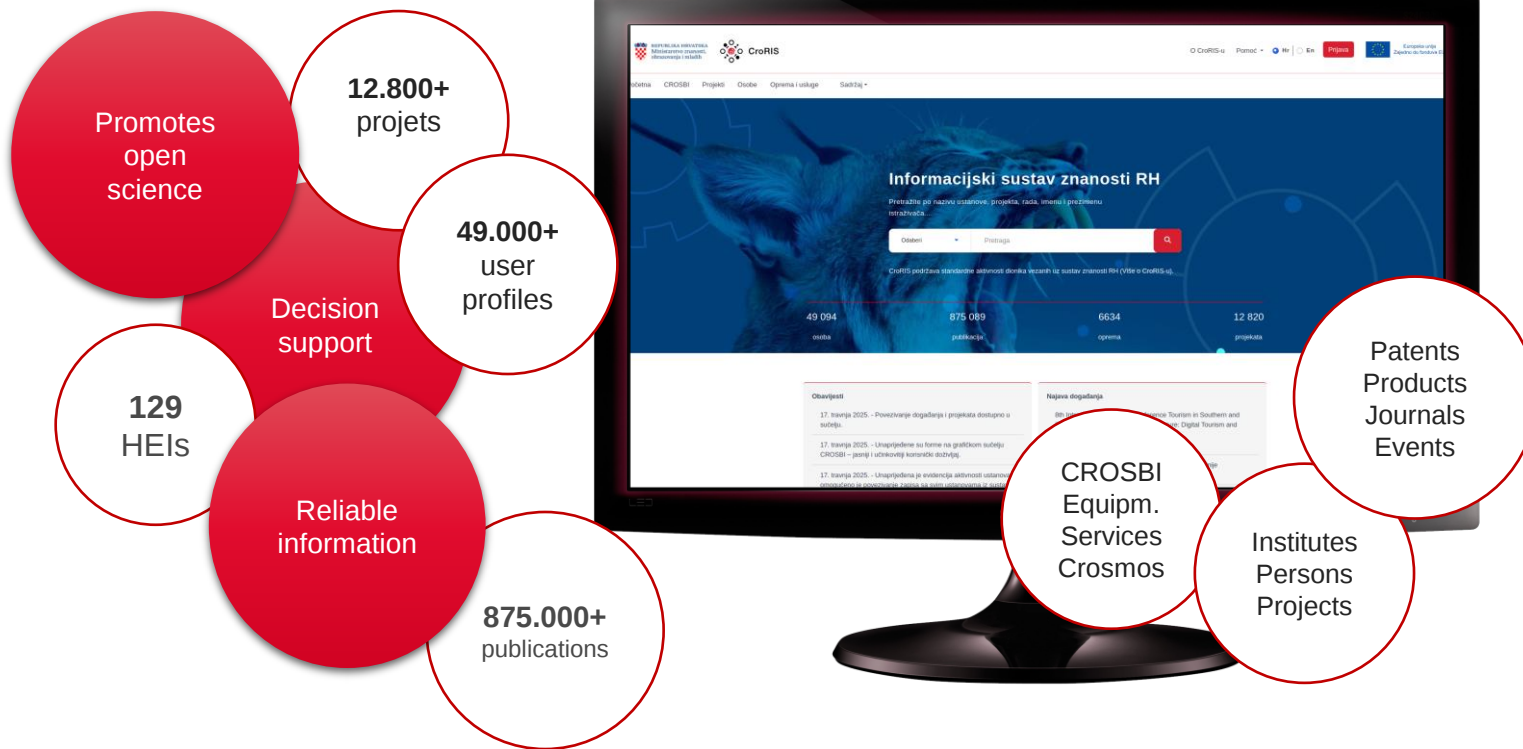
Enhancing CRIS data quality and reliability through GSB

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What is the MetaRegister?

- Croatian central catalogue that documents data available from various **government authorities** and **public services**
- Managed by The Ministry of Justice, Administration, and Digital Transformation
- Provides essential details for managing and connecting institutions' data within public services
- Reduces paper use in public services



Metaregistar

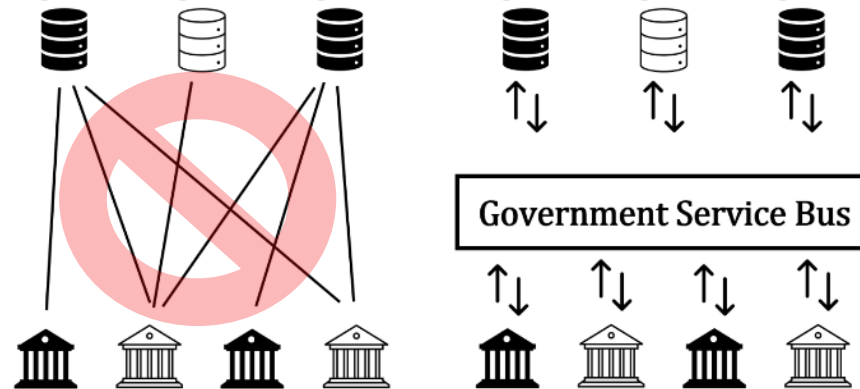


REPUBLIKA HRVATSKA
Ministarstvo pravosuđa, uprave i
digitalne transformacije



GSB – Government Service Bus

- The systems listed in the MetaRegister can be accessed through the GSB
- **Backbone of interoperability in Croatian public administration**
- Once connected to GSB, institutions can get data from different official sources (public registries) based on their needs
- Enables secure data exchange



Improving CroRIS data via GSB & contribution to national digitalization strategy

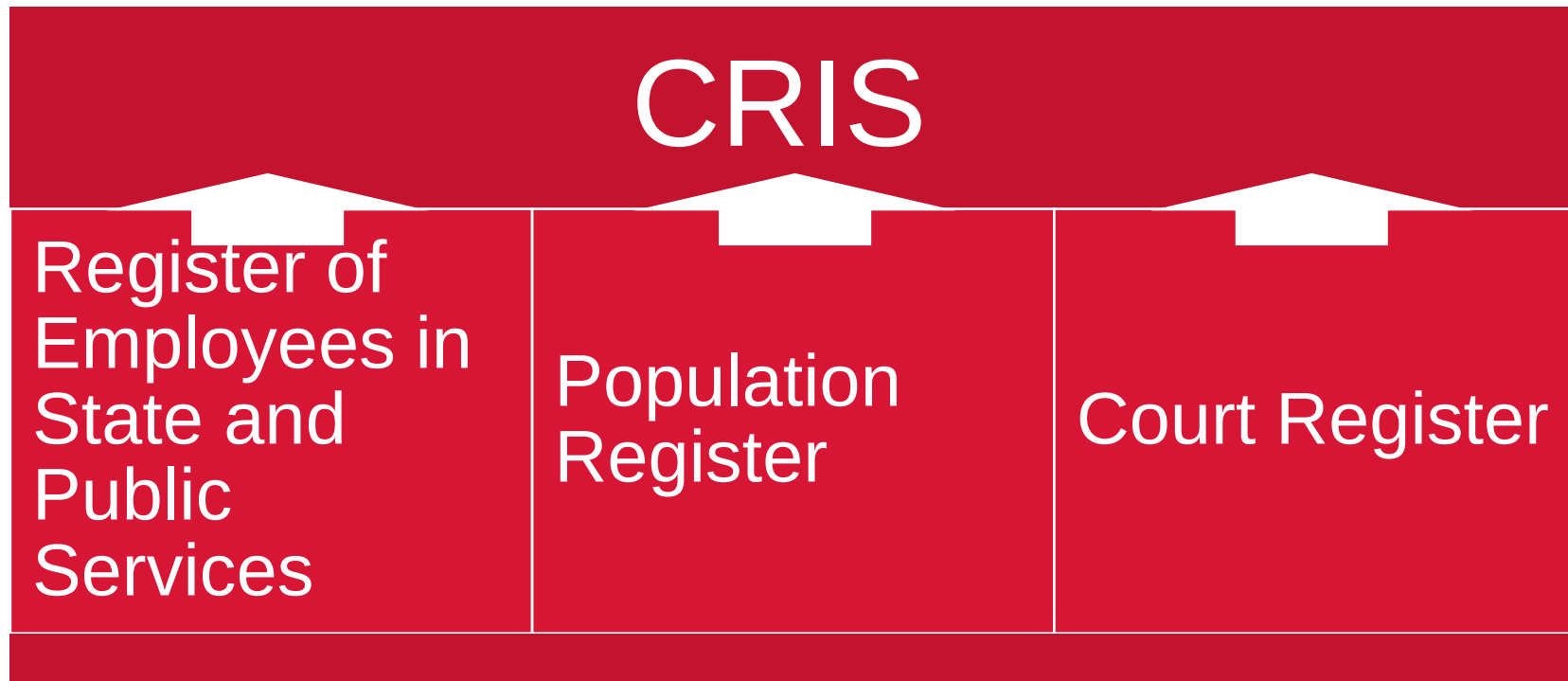


- 1) Ministry of Science, Education, and Youth official records managed through CroRIS had been added to the MetaRegister catalogue
- 2) We aim to improve CroRIS data quality by retrieving information through GSB

Target: more accurate and reliable data within CroRIS, available for all to use



Registers used by CroRIS





Register of Employees in State and Public Services

Employment data in public institutions



Government



School



Hospital

- Employment section within the researcher profiles module
- It is essential because it establishes institutional links to **publications, projects, equipment**, and other research outputs
- Each responsible institution has designated **coordinators** who review and validate the data
- **Final result: more accurate reporting through analytics module and stronger support for data-driven decision-making**



Population register

Births, marriages,
deaths



- Accurate personal information - for clean data and reliable reports
- Especially regarding **name changes, dates of birth and dates of death**
- In order to correctly match publications, projects... - to the individuals and institutions
- And to distinguish in reports between active researchers and those who are deceased
- In addition, many statistical and analytical reports require linking data to researchers' age groups



Court Register

Legal entities:
companies,
associations, etc.



- Used to update information in the **Institutions module**
- Whenever there is a change in the fundamental data of a registered institution - name change, merger, or split - the data can be **synchronized immediately**, without relying on manual updates
- Reduces the risk of delays, **human error**, and incorrect reports caused by outdated or mismatched institutional data



Why This Matters?

- Saves resources and ensures data consistency
- Supports evidence-based policy and funding decisions
- Improves transparency, trust, and efficiency in research management



EU goes Once Only

The Once-Only Technical System is the first EU-wide cross-sectorial and cross-domain dataspace for secure government-to-government data exchange. Send a request as an EU citizen or business and it will simplify your online administrative procedures.



Image retrieved from European Commission - Growth Newsroom:

<https://ec.europa.eu/newsroom/growth/items/757575>



Towards EU Interoperability - Once-Only Technical System (OOTS)



- "EU's GSB"
- The OOTS will connect public authorities across the EU, so they can exchange official documents and data at the citizen or business' request
- Member States are consulting their competent authorities to determine which procedures require the exchange of evidence across borders
 - Single Digital Gateway Regulation - provides the legal framework for the creation of a European data space for public administrations to share information in a trusted way
(Regulation (EU) 2018/1724)



Conclusion

- Croatia is advancing CRIS infrastructure through **MetaRegister** and **GSB**
- **OOTS is coming**
- In time, the data from Croatian Registers (researchers, projects, ...) from CroRIS will become available through OOTS
- We would welcome the data coming from other national registers into CroRIS





Thank you! Any questions?



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