

Title: Enhancing CRIS data quality and reliability through the Government Service Bus (GSB)**Presenters:** Petra Udovičić¹, Ognjen Orel¹, Aleksandra Pikić Jugović²

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In Croatia, the MetaRegister, managed by The Ministry of Justice, Administration, and Digital Transformation is a central catalogue that documents data available from various government authorities and public services. It lays the groundwork for an integration of information systems within public administration, with one of the goals being to reduce paper use in public services. MetaRegister provides essential details for managing and connecting institutions' data within public services. This way data exchange saves costs on technical maintenance and communication tools. Also, institutions using the data do not need to know the exact source of the information.

The systems listed in the MetaRegister can be accessed through the Government Service Bus (GSB). GSB is a central platform for secure data exchange. Once connected to GSB, institutions can get data from different official sources (public registries) based on their needs.

CroRIS is the Croatian national research information system, owned by the Ministry of Science, Education, and Youth. The technical side of support, development and maintenance is provided by Srce, while the informational side is provided by the Ruđer Bošković Institute.

As part of digital transformation efforts, data from the Ministry of Science, Education, and Youth official records managed through CroRIS has been added to the MetaRegister catalogue. Starting this year, besides providing data, within CroRIS we also aim to improve its data quality by retrieving information through GSB. This will make data within the CroRIS more accurate and reliable.

To support this, CroRIS plans to use key resources, including the Register of Employees in State and Public Services managed by FINA, the national financial agency responsible for handling financial and administrative services for public institutions. This register contains data on employees working in government bodies, public institutions, and other entities funded by the state.

Additionally, CroRIS will utilize resources from the Ministry of Justice, Administration, and Digital Transformation, including the Population Register, which holds official records on citizens, such as births, marriages, and deaths, and the Court Register, which contains information about legal entities, including companies, associations, and other organizations.

By integrating these data sources, CroRIS will enhance the accuracy and completeness of its records, contributing to a more efficient and digitally advanced public administration in Croatia.

This presentation aims to introduce the next unavoidable topic to the euroCRIS community. In the broader context of research internationalisation and interoperability of CRISes, and the wake of EC's push towards the establishment and usage of OOTS (Once-Only Technical System, best described as EU's GSB, <https://ec.europa.eu/digital-building-blocks/sites/display/OOTS/About+OOTS>), consuming data from OOTS would become the next normal for all nation-wide systems.