

An evaluation and exploration of the applicability of open data: the BrineRIS case study

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The "Brines of RIS countries as a source of CRM and energy supply" project (2022-2024) aims to extract lithium from geothermal brines to foster sustainable mining practices. This multinational effort involves mapping brine resources by gathering extensive data from diverse sources like archives, databases, research findings, and governmental offices, focusing on site locations, environmental aspects, exploitation parameters, and legal frameworks [1]. Open research data is integral to this process, including geological, hydrogeological, and legal information. Geospatial and environmental data are sourced from Polish and European agencies and the World Database on Protected Areas. Findings from this project will significantly contribute to the future exploration of geothermal brine resources [2].

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[1] BrineRIS.pwr.edu.pl (2023) BrineRIS.pwr.edu.pl. Available at: <https://brineris.pwr.edu.pl/> (Accessed: 6 April 2023).

[2] Worsa-Kozak, M. et al. (2022) BrineRIS. Annual Work Plan and Management Guide 2022.