

The BrineRIS Project – to discover hidden lithium resources in groundwater of Poland

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The topics related to extracting critical raw materials (mainly lithium) using geothermal energy as a zero-emission energy source are crucial for developing the high-tech market. One of the objectives of the international project "BrineRIS – Brines of RIS countries as a source of CRM and energy supply" is to find geothermal lithium in the RIS countries. In Poland, a study of lithium content in geothermal brine was conducted as part of a project co-funded by EIT RawMaterials. The sites potentially containing elevated lithium concentrations in brines were selected in Garki, Polanica Zdrój, and Duszniki Zdrój. The research is an opportunity to find valuable lithium resources and meet market needs for this raw material. The project also makes it possible to identify new test sites that could become attractive for further lithium exploration. This document summarizes key information on the tests conducted in Garki, Duszniki Zdrój, and Polanica Zdrój under the BrineRIS project.