

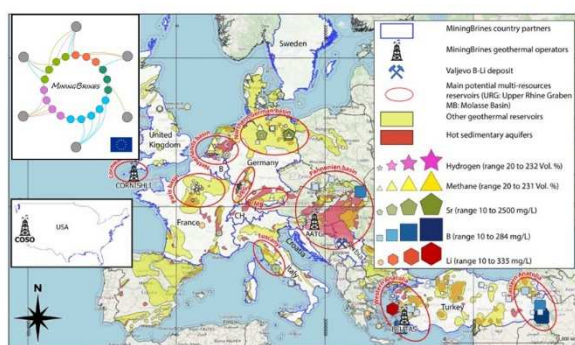
[PhD in experimental geology at ISTO \(Orleans, France\)](#)

We're hiring at ISTO a **PhD candidate that will work on the concentration of critical metals (Li, Cu, B, Ba, P, Ti, Sr, Ge, Sb, etc...) in geothermal brines.**

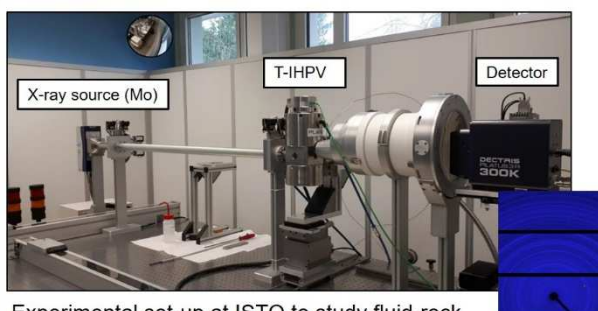
The project is part of the **Marie Skłodowska-Curie (MSCA) Doctoral Network 'MiningBrines'** (Multidisciplinary Integration and Networking for INcreased sustainability and multi-resources valorization of Geothermal Brines), which involves 32 international academic and industrial institutions and a total of 19 PhD project to develop novel strategies for the extraction of CM from operational geothermal plants. More information on MiningBrines can be found under the following link:

<https://recherche.unilasalle.fr/en/actualites/unilasalle-wins-coordination-european-marie-curie-doctoral-network>

The PhD candidate will use different **experimental devices** (T-IHPV that allow for in-situ XRD under high-temperature, flow-through bench) to determine how and in which amounts CM will be incorporated in high-T fluids that react with volcanic rocks.



Potential resource reservoirs of the MiningBrine project



Experimental set-up at ISTO to study fluid-rock interactions *directly under high-temperature conditions*

If you are keen on **experimental technics, ore deposits, geothermal energy, geochemistry, rock mechanics or the thermodynamics of fluid-rock interactions**, please contact me directly to discuss the project.

You can also directly apply through the CNRS official website at the following link:

<https://emploi.cnrs.fr/Offres/Doctorant/UMR7327-MARROU0-072/Default.aspx?lang=EN>

The PhD candidate will start on July 1st and the deadline for application is set to February 23rd.