



ERA-MIN2

RESEARCH & INNOVATION PROGRAMME ON RAW MATERIALS
TO FOSTER CIRCULAR ECONOMY

ERA-MIN Joint Call 2019 (EU Horizon 2020 ERA-NET Co-fund
Project ERA-MIN2, Grant agreement N° 730238)

FCT
Fundação para a Ciência e a Tecnologia
MINISTÉRIO DA CIÊNCIA, TECNOLOGIA E ENSINO SUPERIOR

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LNEG
Laboratório Nacional de Energia e Geologia, I.P.

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ERA-MIN2



Predictive **models** for **strategic metal** rich,
granite-related ore systems based on mineral
and geochemical fingerprints and footprints

<http://doi.org/10.54499/ERA-MIN/0002/2019>

<https://mostmeg.rd.ciencias.ulisboa.pt/>

SEMINAR

June 7-8th, 2024



On behalf of the MOSTMEG consortium

WELCOME to the MOSTMEG SEMINAR

Thank you so much for your participation!



SEMINAR objectives

- Dissemination and discussion of the project outputs.
- Methods and tools to improve the recognition of critical fingerprints and footprints to mineralising systems.
- Implications on the design of future mineral exploration surveys directed at Sn-W and Li ore systems, namely those hosted in the Góis-Panasqueira-Argemela-Segura strip.



SEMINAR programme

- I. The main features of the Góis-Panasqueira-Argemela-Segura strip.
- II. Supplementary data on selected targets.
- III. Relevant mineral/geochemical fingerprints/footprints to ore-forming systems.
- IV. Prospectivity maps, practical tools and methods transferable to exploration surveys.
- V. *Integrated Mineral Exploration Data Management (João Matos, LNEG)*
- VI. *Analytical infrastructure of HERCULES Laboratory*



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- **Laboratório Nacional de Energia e Geologia (LNEG)** for permission to consult the field minutes (1:25,000) covering a large part of the studied area and some technical reports on old mining works. *As agreed, the databases obtained within the scope of MOSTMEG will be, in due course, transferred to LNEG for updating the institutional archive, being thus available for subsequent public access.*
- **António Sequeira and Luís Gama Pereira** for sharing their knowledge and geological maps on the western part of the studied strip.
- **All lab collaborators and MSc and PhD students** that were involved in data acquisition/processing.
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Special Thanks