



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)



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

February 9-10th, 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. General overview
- II. Main features of the Góis-Panasqueira-Argemela-Segura strip.
- III. New data on selected mineralising systems (Segura, Mata da Rainha, Argemela/Pedra Alta and Vale Pião).
- IV. Relevant mineral/geochemical fingerprints/footprints to ore-forming systems.
- V. Practical tools and methods easily transferable to exploration surveys.



<http://doi.org/10.54499/ERA-MIN/0002/2019>
<https://mostmeg.rd.ciencias.ulisboa.pt/>

Acknowledgements

- **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.
- **Célia Lee** for the outstanding administrative support.
- **ERA-MIN**, along with the funding agencies **FCT** (Portugal) and **ANR** (France), for the conceded deadline extension, allowing us to complete the project aims.