



Training Workshop – Hybrid format

## Thermoelectric Tetrahedrites from Secondary Raw Materials and Other Sustainable TE Materials

Date: 26 March 2026 – Time: 9:30 AM to 5:30 PM; Lisbon Time

Venue: Hotel Ikonik Lisboa 3\*, Av. do Mediterrâneo 1 12.04, 1990-221 Lisboa, Portugal, Room Belem / and online

### WORKSHOP OBJECTIVES:

As the [START Project](#) enters its final year, we are proud to showcase our work in building a sustainable EU ecosystem for thermoelectric materials. Our mission is to transform mine waste (tetrahedrites) into efficient devices for waste heat recovery, bolstering the EU's energy economy and resource resilience.

This final training workshop offers participants a deep dive into the world of thermoelectricity. You will explore materials, cutting-edge technology, and the START approach to sourcing secondary raw materials within Europe.

Join our project experts, and external fellow experts, at the Ikonik Lisboa Hotel, conveniently located in the Parque das Nações district near Oriente Station. While the workshop is free to attend and includes a certificate of attendance, seats are limited to 60 participants. Please register here ([registration link](#)). At this point, on site participation can be requested but needs confirmation from our side; we have now opened the possibility of remote connection for those who cannot travel to Lisbon.

### AGENDA of the workshop – All details subject to changes – All times Lisbon Time

9:30	9:35	Welcome	Organisers - LNEG / START	0:05
9:35	10:05	The START Project and its Expected Legacy	Filipe Neves - LNEG / START Coordinator	0:30
10:05	10:50	Thermoelectric Materials: an overview	Antonio Gonçalves - University of Lisbon	0:45
10:50	11:20	Coffee break	-	0:30
11:20	12:05	Applications of Thermoelectrics for Energy Production and Cooling	Kornelius Nielsch - IFW Dresden	0:45
12:05	12:50	Sustainable Raw Materials Sources from Mine Waste	Luis Albardeiro - LNEG	0:45
12:50	14:00	Lunch	-	1:10
14:00	14:45	TE Materials Processing	Alvise Bianchin - MBN Nanomaterialia	0:45
14:45	15:30	Characterisation of TE Materials	Patricia Carvalho - Sintef	0:45
15:30	16:00	Coffee break	-	0:30
16:00	16:45	Thermoelectric Devices	Aniruddha Ray - RGS Development	0:45
16:45	17:30	Sustainability in Thermoelectrics: the START Case	Eduardo Santos - 3Drivers	0:45
17:30	17:30	End of Workshop	-	0:00

For any doubt or details, contact us (Filipe Neves [f.neves@lneg.pt](mailto:f.neves@lneg.pt), Bruno Vicenzi [bv@epma.com](mailto:bv@epma.com)).

The hotel offers discounted prices for the rooms. Please let us know in the registration form if you intend to use this opportunity.

For more information on START, consult <https://www.start-heproject.com/>.