

Electrifying high-temperature heat in ceramics: where the technology stands

ONLINE WEBINAR

eLITHE is demonstrating electrified heating systems for ceramic processes above 1,000 °C at three demosites in Greece, Germany and Spain. This webinar walks through the full set of technologies and the digital layer that runs them.

DATE

Tuesday 20 October 2026

TIME

15:00 - 16:30 CEST

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AGENDA

15:00 - 15:05	Welcome and eLITHE in brief Miguel Zarzuela eLITHE Coordinator; Project Manager, CIRCE
15:05 - 15:15	The cost gap to electrification Luca Mantelli Researcher, University of Genoa
15:15 - 15:25	Ceramic waste as high-temperature heat storage Konstantinos Apostolopoulos-Kalkavouras and Delight Ezeh PhD Researchers, KTH Royal Institute of Technology
15:25 - 15:35	Electric smelter for glass frits Roberto Arévalo eLITHE Technical Coordinator; CFD Engineer, CIRCE
15:35 - 15:45	Microwave calcination of alumina Efthymios Balomenos Assistant Professor, NTUA; Senior R&D Consultant, METLEN Energy & Metals
15:45 - 15:55	Hybrid furnace for brick firing Denny Mathew Alex Research Engineer, IZF
15:55 - 16:05	Hybrid burner development Simon Leiser Scientist, TNO
16:05 - 16:15	The digital layer Radosvet Georgiev Software Engineer, ETRA
16:15 - 16:25	Q&A and open discussion
16:25 - 16:30	Closing and next steps

