



# COMPETITIVENESS IN LITHIUM INDUSTRY

11-13 October 2017 in Würzburg, Germany

CO-ORGANISED WITH



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# Workshop on the Lithium Value Chain and Competitiveness in the Lithium Industry

EIT RawMaterials CLC Central and its participating partners – BRGM, Eramet, Fraunhofer and Université de Lorraine – invite you to a Workshop Event on the value chain of lithium, 11-13 October 2017, in Würzburg, Germany.

## Competitiveness in the Lithium Industry

Lithium, a key element for glasses and ceramics, has become critical to energy transition due to the rapid development of new energy storage solutions and the emergence of electric vehicles.

This event will include discussions and presentations on the whole lithium value chain – from the market to sources, extraction, uses, applications and recycling. The workshops will address the following themes, with the aim of facilitating dialogue between the leading experts from among the different sectors of the lithium value chain:

- **Overview of Lithium ore deposits, with emphasis on Europe**

Discussions on ore deposits around the world and the impact of mineralogy on lithium resources – as well as possible underestimation of the European potential for lithium production.

Contributions from BRGM, University of Bilbao, University of Porto

- **Lithium-mining projects in Europe**

Presentations of projects aimed at lithium production in Europe: the Wolfsberg project (Austria) and the Keliber project (Finland).

Contributions from the CEOs of European Lithium and Keliber

- **Extraction and refining of lithium**

Discussions regarding novel solutions to increase the energy efficiency of processes and improve the quality of lithium products.

Contributions from Eramet and Outotec

- **Criticality and market trends**

From the criticality of lithium resources to the pricing of lithium in the Li-ion battery era, as well as expected market trends.

Contribution from BGR-DEIRA (and possibly more entities)

- **Technology development roadmap**

An overview of developments supported by the European Commission for low-carbon energy solutions, with an emphasis on batteries.

Contribution from the EMIRI initiative

Presentation of battery projects supported by EIT RawMaterials

- **Battery development and cell applications**

State-of-the-art of materials for lithium batteries and a development roadmap towards future applications.

Contributions from CEA, Custom Cells, Fraunhofer ISC, Umicore

Visit of the Fraunhofer R&D Centre for Electromobility Bavaria

- **Resource management and recycling of Li-containing products**

Discussion surrounding lithium's value chain, the circular economy, and modern approaches to sustainability.

Contributions from University of Augsburg/Fraunhofer Project Group IWKS,

University of Chalmers, University of Freiberg, Umicore, Véolia

**Who should attend:** Representatives from industry, academia and research along the entire lithium value chain.

# COMPETITIVENESS IN LITHIUM INDUSTRY

**Date:** 11-13 October 2017, Wednesday-Friday (mid-day to mid-day)

**Venue:** Fraunhofer Institute for Silicate Research ISC – Würzburg, Germany

**On the agenda:** more than 20 speakers and two workshops for networking

**Registration:** Please register by 22 September 2017 to ensure your participation.  
Detailed programme coming soon.

[eitrawmaterials.eu/events/competitiveness-in-lithium-industry/](http://eitrawmaterials.eu/events/competitiveness-in-lithium-industry/)

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