

CRIRSCO/UNFC REPORTING SCHEMES IN THE CO-EXTRACTION OF HEAT AND CRMs FROM GEOTHERMAL FLUIDS

Workshop organised by University of Miskolc and the International Raw Materials Observatory

VENUE University of Miskolc

DATE 08 May 2024, 14:00-17:00

Chair: Eberhard Falck, President, International Raw Materials Observatory

AGENDA

14:00 Welcome by the organisers

14:10 Simona Regensburg (GFZ Potsdam): **Introduction of the CRM-geothermal project**

14:30 Annamária Nádor (Supervisory Authority for Regulatory Affairs): **Application of UNFC for geothermal resources**

14:50 Eberhard Falck (INTRAW): **Implications of resource assessment by UNFC vs. CRIRSCO for combined extraction of heat and mineral value**

15:10 Tivadar M. Tóth (University of Szeged): **Granite alteration as the origin of high lithium content of groundwater in Southeast Hungary**

15:30 *Coffee break*

15:50 Alistair Salisbury (Cornish Lithium): **Case Study – Technological and economic challenges of Li extraction from geothermal brines in Cornwall, SW England**

16:10 János Szanyi (University of Szeged): **Case Study – Calculation of extractable power and lithium reserves using UNFC code in a conceptual EGS at Battonya, Hungary**

16:30 Justin Mouchot (Vulcan Energy Resources): **Case Study – VULCAN Zero Carbon Lithium Project, Integrated production of Geothermal Energy and Lithium from Upper Rhine Graben brines**

16:50 Closing the workshop