

www.LithiumDays.com 2024

26 - 27 NOVEMBER 2024 | Iphofen, Germany

Conference Day 1

Tuesday, 26 November 2024

Registration and Welcome

8:30 h (CET)	++ Registration ++
9:15 h	<p>Welcome addresses</p> <ul style="list-style-type: none"> • Prof Dr Ralf Wehrspohn, ITEL – Deutsches Lithiuminstitut • Andreas Heilmann, ITEL Chairman • Dr Uwe Knotzer, General partner of Knauf Gips KG) • Dr Anja Weisgerber, MdB, Spokesperson for Environmental Policy of the CDU/CSU parliamentary group

Session 1: Risk Management For Lithium As Critical Material

Chair: Prof Dr Ulrich Blum (ITEL – Deutsches Lithiuminstitut GmbH)

10:45 h	Keynote: “Lithium 2030 – Changing Landscape Europe”	Michael Schmidt, DERA/BGR
11:15 h	“Assessing environmental impacts of lithium from brines: Data requirements and life cycle approaches”	Dr Vanessa Schenker, ETH Zurich
11:35 h	“If You Can’t Measure it, You Can’t Manage it: ESG as a strategy for mitigating risks and creating competitive advantage”	Dr Felix Carl Schultz, ITEL – Deutsches Lithiuminstitut GmbH
11:55 h	Panel discussion: “How much risk can lithium industries bear?”	Prof Dr Ulrich Blum, Michael Schmidt, Dr Vanessa Schenker, Dr Felix Carl Schultz, Robert Schmid (Rhenus Ports GmbH & Co KG)
12:45 h	++ Lunch break ++	

Session 2: Tanzania: Lithium's Role In Industrialization

Chair: Prof Dr Gregor Borg (ITEL – Deutsches Lithiuminstitut GmbH)

14:00 h	Welcome address	H.E. Hassani Iddi Mwamweta, Embassy of the United Republic of Tanzania
14:05 h	Introduction: “Environmental policy and law in Tanzanian mining industry”	Sundi Malomo, The Mining Commission, Tanzania
14:15 h	Keynote: “African lithium – a review”	Prof Paul Nex, University of the Witwatersrand, South Africa
14:45 h	“Tanzania’s battery mineral deposits and their by-products”	Dr Elisante Mshiu, University of Dar es Salaam, Tanzania
15:05 h	“Operating as a sustainable, responsible building materials manufacture and mineral process company in Tanzania”	Ilse Boshoff, Knauf Gypsum Tanzania Ltd.
15:25 h	Panel discussion: “Tanzania: What role can lithium and other battery minerals play in the country’s industrialization?”	Prof Dr Gregor Borg, Sundi Malomo, Dr Elisante Mshiu, Ilse Boshoff, Prof Dr Ulrich Blum
16:15 h	++ short break ++	

Session 3: Primary Lithium Resources: Case Studies & Analytics

Chair: Prof Dr Ralf Wehrspohn (ITEL – Deutsches Lithiuminstitut GmbH)

16:30 h	Case study 1: “Europe’s first lithium refinery”	Dr André Majdalani, AMG Lithium GmbH
16:50 h	Case study 2: “Altmark Lithium Extraction (ALE)”	Dr Axel Wenke, Neptune Energy
17:10 h	Case study 3: “Inline lithium monitoring for direct lithium extraction”	Evangelia Kardamaki, Fraunhofer Institute for Physical Measurement Techniques IPM
17:30 h	Case study 4: “A new chapter in a centuries-old mining tradition: Zinnwald Lithium project update”	Anton du Plessis, Zinnwald Lithium GmbH
ca.18:00 h	++ End of conference; Dinner from 19:00 h ++	

Poster session accompanying both conference days

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Conference Day 2

Wednesday, 27 November 2024

Session 4: Lithium Recycling: Closing The Loop

Chair: Richard Schalinski (ITEL – Deutsches Lithiuminstitut GmbH)

8:30 h (CET)	Keynote “Evonik – Electromembrane process to recover Lithium”	Dr Christian Hying, Evonik Operations GmbH
9:00 h	“Innovation in lithium processing: A case study on closed-loop lithium recycling”	Jannik Schmitz, Rock Tech Lithium Inc.
09:20 h	“The Aurubis ‘Lithium First’ black mass recycling process”	Dr Leslie Bryson, Aurubis AG
09:40 h	Panel discussion: “Lithium recycling: How can we close the loop?”	Richard Schalinski, Dr Christian Hying, Jannik Schmitz, Dr Adalbert Lossin (Aurubis AG), Dr Tom Vöge (GRS Batterien Service GmbH), Greg Pitt (Worley)
	++ Individual coffee break ++	

Session 5: Waste-To-Value And Carbon Capture

Chair: Dr Andreas Neumann (ITEL – Deutsches Lithiuminstitut GmbH)

10:30 h	Keynote “Metallurgical treatment of steel slags to optimize its properties”	David Algermissen, FEhS – Institute for Building Materials Research e.V.
11:00 h	“Building materials and CCMS – A geo-scientific approach”	Prof Dr Jürgen Neubauer, Friedrich-Alexander-University Erlangen-Nuremberg
11:20 h	“Properties of leached spodumene as SCM”	Julia Woskowski, ITEL – Deutsches Lithiuminstitut GmbH
11:40 h	Panel discussion: “Waste-to-value – a realistic scenario?”	Dr Andreas Neumann, David Algermissen, Prof Dr Jürgen Neubauer, Julia Woskowski, Harald Schmitt (Knauf Gips KG)
	++ Individual coffee break ++	

Summary & Outlook

12:30 h	The potential and roadmap for green hydrogen in Morocco	Dr Badr Ikken, President Gi3, Chairman of the German-Moroccan Forum
12:50 h	Summary of LithiumDays 2024, outlook for 2025 and announcement of next partner country, announcement of new ITEL partners	Prof Dr Ralf Wehrspohn, ITEL – Deutsches Lithiuminstitut GmbH
13:15 h	++ Lunch and networking ++	

Poster session accompanying both conference days

Supporting Programme

By prior appointment only

14:30 h	Guided tour of the Knauf Museum
14:30 h	Tour of the Hüttenheim anhydrite pit
14:30 h	Factory tour Knauf Gips KG

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HALLE-WITTENBERG

Conference Venue

Knauf Gips KG
Mainbernheimer Straße 15
97346 Iphofen, Germany



Contact LithiumDays Organizers

Prof. Dr. Gregor Borg
gregor.borg@lithiuminstitut.de

Doreen Nagelmüller
doreen.nagelmuller@lithiuminstitut.de

Richard Schalinski
richard.schalinski@lithiuminstitut.de

+49 345 806 83 14-0
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