

www.LithiumDays.com 2025

8 - 9 OCTOBER 2025 | Hamburg, Germany

Conference Day 1

Wednesday, 8 October 2025

The ITEL – Institute for Technologies and Economics of Lithium (Deutsches Lithiuminstitut GmbH) and HELM AG warmly welcome you to the LithiumDays 2025 conference and wish you two days full of insights, learnings and new perspectives.

In addition to the presentations and panel discussions, please also take note of the poster contributions. They are marked with the  symbol in the programme and will be presented digitally on screens at the back of the conference room throughout the conference.

Registration and Welcome

08:00 h (CET)	++ Registration ++
08:30 h	Welcome addresses • Prof Dr Ralf Wehrspohn, ITEL – Institute for Technologies and Economics of Lithium • Stephan Schnabel, HELM AG • Prof Norbert Aust, Hamburg Chamber of Commerce • Harald Schmitt, ITEL Chairman

Session 1: LITHIUM RECYCLING – From Black Mass to Battery Grade: Advances in Lithium Recovery
Chair: Cornelius Gantz (ITEL – Institute for Technologies and Economics of Lithium)

09:15 h	Closing the loop: transforming recycled lithium into battery grade products	Dr Katrin Wessels, HELM AG
09:35 h	Lithium first: Advancing sustainable solutions for industrial scale recovery	Dr Tobias Elwert, cylib GmbH
09:55 h	Recycling of LFP cathode material	Prof Dr Michael Rutz, Hochschule Nordhausen University of Applied Sciences
10:15 h	Panel discussion	Dr Katrin Wessels, Dr Tobis Elwert, Dr. Adalbert Lossin (Aurubis AG), Dr Nils Wieczorek (Stiftung GRS Batterien)
11:00 h	++ Coffee break ++	



Poster contribution 1: Lithium Recovery from End-of-Life $\text{Li}_2\text{O}-\text{Al}_2\text{O}_3-\text{SiO}_2$ Glass-Ceramics – First Results from the SeRoBatt Project (Dr Tobias Necke, Fraunhofer IWKS)



Poster contribution 2: System-level lock-ins and enablers in the transition toward a circular lithium economy for electric vehicle batteries (America Rocio Quinteros Condoretti, LUT University)

Session 2: BY-PRODUCT VALORIZATION – Turning Liabilities into Assets: Advances in By-product Valorization

Chair: David Algermissen (FEhS – Institute for Building Materials Research)

11:30 h	Mineralogy meets waste management – Case studies from critical metal recovery from industrial wastewaters to froth flotation of lithium ion battery slags	Prof Dr Daniel Vollprecht, Augsburg University
11:50 h	Low- CO_2 cements	Dr Jesko Gerlach, Holcim GmbH
12:10 h	Carbon sink potential of metal processing by-products for negative emission strategies	Dr Maria Gaudig, Dr Andreas Neumann, ITEL – Institute for Technologies and Economics of Lithium
12:30 h	Panel discussion	Prof Dr Daniel Vollprecht, Dr Maria Gaudig, Dr Andreas Neumann, Dr Bernd Schultheis (K-UTEC AG Salt Technologies)
13:30 h	++ Lunch break ++	

Session 3: LITHIUM EXTRACTION AND REFINING – Securing Europe’s Supply: Innovations in Lithium Extraction and Refining

Chair: Richard Schalinski (ITEL – Institute for Technologies and Economics of Lithium)

14:30 h	Lithium extraction from rock and from geothermal waters	Neil Elliot, Cornish Lithium Plc
14:50 h	Powering the energy transition – Scalable direct lithium extraction and refining solutions	Dr Claudia Pudack, KBR
15:10 h	Zinnwald Lithium project	Anton du Plessis, Zinnwald Lithium Plc
15:30 h	Battery recycling – the colorful co-crystallization of battery related compounds	Christian Melches, GEA Messo GmbH
15:50 h	++ Coffee break ++	
16:15 h	Europe’s first lithium hydroxide refinery – start of journey	Dr Birgit Gerke, AMG Lithium GmbH
16:35 h	Panel discussion	Neil Elliot, Dr Claudia Pudack, Anton du Plessis, Christian Melches
17:20 h	++ End of conference day 1 ++	



Poster contribution: From Natural Lithium to Nuclear-Grade Li-6: Cascade Separation and Crystallization Insights (Ramona Ionela Zgavarogea, National Research And Development Institute For Cryogenic And Isotopic Technologies)

Conference Dinner at Hamburg-Sasel

18:00 h	Transfer to the conference dinner at Park-House in Hamburg-Sasel via bus shuttle
19:00 h	Reception and opening
20:00 h	4-course dinner

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Conference Day 2

Thursday, 9 October 2025

Excursion: Aurubis AG with guided tour „The path of copper“ *(optional)*

07:30 h	Transfer to Aurubis via bus shuttle <i>Departure <u>punctually</u> at 7:30 am at the back of the HELM building, Albertstraße, 20097 Hamburg, in the section between HELM AG and the Vergölst garage (house no. 21)</i>
08:00 h	Guided tour Aurubis
Ca. 10:00 h	Return to HELM Conference Centre via bus shuttle
Ca. 10:30 h	Arrival at HELM Conference Centre & Coffee break
<i>Poster presentations in the conference room</i>	

Session 4: LAW, POLITICS, STRATEGY – Europe’s Lithium Strategy: Law, Policy, and International Trade Perspectives

Chair: Prof Dr Ulrich Blum (ITEL – Institute for Technologies and Economics of Lithium)

11:30 h (CET)	Lithium in Europe: Opportunities and challenges	Astrid Karamira, International Lithium Association – ILiA
11:50 h	Strategic pathways for EU midstream: Competing globally, collaborating regionally	Dr Xiaohan Wu, Porsche Consulting
12:10 h	CRMA & national funding programs. The way forward for Europe?	Michael Schmidt, DERA/BGR
12:30 h	Panel discussion	Michael Schmidt, Prof Dr Robert Frau (TU Bergakademie Freiberg), Dr Peter Schuhmacher (Porsche Consulting)
13:30 h	++ Lunch break ++	



Poster contribution: Securing Europe’s Lithium Future: A World-Class Project in Argentina (Friedrich von Lyncker, Southern Cross Minerals)

Session 5: INVEST IN MOROCCO – Bridging Continents: Building Strategic Partnerships for a Sustainable Future

Chair: Prof Dr Ralf Wehrspohn (ITEL – Institute for Technologies and Economics of Lithium)

14:30 h	Speech Ambassador of Germany to Morocco	H.E. Robert Dölger
14:35 h	Speech Minister Counsellor of the Embassy of the Kingdom of Morocco to Germany	Abdelmonaim Acherki
14:50 h	Keynote: Invest in Morocco	Youssef Tber (AMDIE)
15:10 h	The future recharged: OCP-SPS and UM6P-driven LFP batteries for a circular, low-carbon economy	Prof Dr Mouad Dahbi (UM6P)
15:30 h	Morocco's strategy on green hydrogen and green ammonia and the multidimensional complementarity with Germany: Towards joint projects and industrial co-development	Dr Badr Ikken, President of the Morocco–Germany Business Council of the CGEM
15:50 h	From waste to inventory: How the fertilizer industry manages phosphogypsum	Marc Sonveaux, Prayon Technologies
16:10 h	Panel discussion	Nahla Benslama (AMDIE), Prof Mouad Dahbi, Dr Badr Ikken, Marc Sonveaux, Harald Schmitt (Knauf Gips KG), Christopher Skrotzki (HELM AG), Hicham Guedira (Uranext S.A.)

Summary & Outlook

17:00 h	Introduction partner countries 2026: Why Portugal? Invest & business opportunities	Rui Boavista Marques, AICEP Portugal Global
17:15 h	Awarding of certificate of supporting member to OCP and others Appointment of new ITTEL Fellows	
17:25 h	Closing remarks	Prof Dr Ralf Wehrspohn, ITTEL – <i>Institute for Technologies and Economics of Lithium</i>
17:40 h	++ End of conference day 2 ++	

Poster session accompanying both conference days

Invest In Morocco Networking Evening

Courtyard by Marriott Hotel Hamburg City, Adenauerallee 52, 20097 Hamburg, (10 minutes' walk from the conference venue)

18:30 h	Drinks, dinner, networking
22:00 h	++ End of event ++

Thank you to our supporters!



Baustoff leben

Conference Venue

HELM AG, Conference Center
Nordkanalstraße 28
20097 Hamburg, Germany



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