

## BAYLAT Forum Program

*Science Diplomacy: Research & Innovation for Projects of the future*

### Chile–Bavaria Collaboration on Hydrogen & Lithium

Friday, November 7, 2025/ Sala Cine Centro Cultural La Moneda, Santiago  
Event in English. Translation available via LiveVoice App <https://livevoice.io/es>

*Event Moderation: Ursula Brendecke, State of Bavaria Office for South America*

#### 10:00 Accreditation & Welcome Coffee Networking

#### 10:30 Welcome Remarks

Carola Brun, Minister-Counsellor and Head of Economic and Scientific Cooperation of the Federal Republic of Germany in Chile

Ricardo Hagn, Public Relations and Scholarships Officer at Bavarian Academic Center for Latin America (BAYLAT)

#### Technical & Research Presentations Santiago

#### 10:40 Case Study – Industry & Academia Collaboration for Electromobility

*Transitioning to an electric mine in massive underground mining*

Prof. Dr. Javier Ruiz-del-Solar, Principal Investigator & Founding Director, Advanced Mining Technology Center – AMTC, University of Chile

#### 11:00 Case Study – "Biobío's Green Hydrogen Alliance: Driving Innovation Through Public–Private–Academia Partnership"

Dra. Ximena García, Full Professor, University of Concepción (UdeC)

#### Spotlight Talks | Key Insight & Immediate Next Steps

#### 11:20 Long-term Storage by Renewable Energy Curtailments

Dr. Pedro Arriagada, Plan Ciencia2030 UdeC,

#### 11:30 Industry & Academia Partnership toward Industrialization of H2 projects in Chile

Dr. Patricio Valdivia Lefort, Associate Professor, University of Santiago de Chile (USACH)

#### 11:40 Challenges for the Production of H2V Derivatives in Chile

Roberto Canales, Assistant Professor, Energy Center, Pontificia Universidad Católica de Chile (PUC)

#### 11:50 MAN's Path toward Hydrogen and E-Mobility in Chile and Beyond

Daniele Leonardi, Managing Director, MAN Truck & Bus SE – HUB South America

#### 12:00 Lunch Break

## Technical & Research Presentations BAYLAT Delegation

- 13:00 Hydrogen from Biomass: From Research to Practical Application**  
Prof. Dr.-Ing. Tobias Plessing, Institute for Hydrogen & Energy Technology, Hof University
- 13:20 Photocatalytic Pathways to Green H<sub>2</sub>: Semiconductors and Catalysts**  
Prof. Dr. Roland Marschall, Physical Chemistry III, University of Bayreuth
- 13:40 Power-to-Gas at Scale: Simulation Tools & Roadmaps for the Chile–EU H<sub>2</sub> Corridor**  
Dipl.-Ing. Sebastian Arjona, Landshut University of Applied Sciences
- 14:00 Electrolyzer and Fuel Cell Operation under Extreme Conditions: Lifetime Prediction with Laboratory Accelerated Stress Tests**  
Prof. Dr. Maik Eichelbaum, H2Ohm Institute, Technische Hochschule Nürnberg
- 14:20 Resources in Energy Transitions: Identifying Niches and Pathways for Economic Development**  
Prof. Dr. Robert Panitz, Weihenstephan-Triesdorf University of Applied Sciences
- 14:40 Coffee Break Networking**
- 15:00 FORRS – Catalyzing Energy Transformation by trade and digitalization**  
Ernesto Buholzer Sepúlveda, FORRS GmbH
- 15:20 Foundations for Hydrogen & Lithium Infrastructure: Building Safely**  
Esteban Venegas Franzolini, Senior/Project Manager, BAUER Spezialtiefbau
- 15:40 Next Steps & Closing Remarks**  
Pamela Valdivia, State of Bavaria Office for South America and Ricardo Hagn, BAYLAT

In cooperation with:

