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# CONFERENCE

## 13-14 May 2025

Van der Valk Airporthotel Düsseldorf

### CONFERENCE PROGRAMME



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# Industry leaders speaking at Hydrogen Tech World Conference



**Dr. SAMI PELKONEN**  
ANDRITZ  
EVP Green Hydrogen,  
Renewable Fuels & P2X



**HEMANGI JADHAV**  
Topsoe  
Market Developer (PtX)



**KAY RADTKE**  
Worley  
VP Renewable Hydrogen Europe



**GÖRAN NYSTRÖM**  
Ovako  
Senior Advisor



**Dr. JULIE MOUGIN**  
CEA  
Deputy Director for  
Hydrogen Technologies



**Dr. CARLOS BERNUY-LOPEZ**  
Ramboll  
Senior Consultant – PtX &  
Hydrogen Technologies



**Dr. MARITA NILSSON**  
Stegra  
Hydrogen Technology &  
Innovation Lead



**Dr. VOLKER SCHÖLLMANN**  
HYBRIT Development  
Head of Technology & IP



**GABRIEL PADÍN GONZÁLEZ**  
AtlantHy  
Renewable Hydrogen &  
E-fuels Project  
Development Engineer



**DANIEL MERCER**  
Storengy Deutschland  
Managing Director



**WILLEM FRENS**  
BA2C Europe /  
Latin America  
Managing Director &  
Principal Project Developer



**Dr. RENÉ PETERS**  
TNO  
Business Director  
Gas Technology



**NICLAS MEIER**  
Aucotec  
Global Account Manager  
Renewables



**YODRICK MONBEIG**  
Rely  
Product Owner EMS



**LORENZO LA PORTA**  
ILF Consulting Engineers  
Project Engineer – Hydrogen



**Dr. BRUNO G. POLLET**  
UQTR Hydrogen  
Research Institute  
Director



**Dr. THORSTEN KROL**  
Siemens Energy  
Senior Key Expert – Energy  
Systems, Grid Stability &  
Energy Storage



**Dr. BITAJMI**  
Entr, part of Aker Solutions  
Principal Consultant –  
Hydrogen & Derivatives



**ESBEN BALTZER NIELSEN**  
Stiesdal Hydrogen  
Head of Sales & Business  
Development

# Conference Timetable

13 May	Speaker	Company	Presentation title
09:00	Welcome by Matjaž Matošec, Editor-in-Chief & Conference Manager, Hydrogen Tech World		
09:05	Dr. Sami Pelkonen	ANDRITZ	From vision to reality: key insights and lessons from ANDRITZ's green hydrogen projects in Europe
09:30	Dr. Bitajmi	Entr, part of Aker Solutions	Integrating electrolyzer technologies into sustainable aviation fuel production
09:55	Gabriel Padín González	AtlantHy	Successful development of e-methanol projects: key considerations and lessons learned
10:20	Dr. René Peters	TNO	PosHYdon: offshore hydrogen production in the North Sea – current operation and future outlook
10:45	Coffee break		
11:15	Dr. Julie Mougin	CEA	Latest developments in high-temperature electrolysis: the MULTIPLHY project
11:40	Hemangi Jadhav	Topsoe	SOEC electrolyzers and their integration into hard-to-abate sectors
12:05	Willem Frens	BA2C Europe / Latin America	Creating value with green hydrogen: integrating SOEC, leveraging biogenic carbon and iron ore, and utilizing downstream infrastructure
12:30	Lunch break		
14:00	Dr. Thorsten Krol	Siemens Energy	Operation of an integrated steel plant with limited renewable power
14:25	Dr. Volker Schöllmann	HYBRIT Development	Underground hydrogen storage for HYBRIT's fossil-free iron and steel
14:50	Coffee break		
15:05	Dr. Marita Nilsson	Stegra	Decarbonising steel with hydrogen: the Stegra story
15:30	Göran Nyström	Ovako	Eliminating carbon emissions from industrial heat: Ovako's experience
15:55	Coffee break		
16:10	<b>Panel discussion:</b> Decarbonising steel: lessons from the frontlines of hydrogen integration Moderators: Willem Frens (BA2C Europe / Latin America) and Dr. Carlos Bernuy-Lopez (Ramboll)  Panellists: Dr. Marita Nilsson (Stegra), Dr. Volker Schöllmann (HYBRIT Development), and Göran Nyström (Ovako)		
17:00	Networking reception		

14 May	Speaker	Company	Presentation title
09:00	Kay Radtke	Worley	CAPEX/LCOH savings through standardization and optimization of the OEM/BoP interface
09:30	Yodrick Monbeig	Rely	PtX plant optimization through advanced forecasting and operational planning
09:55	Lorenzo La Porta	ILF Consulting Engineers	Enhancing techno-economic feasibility in integrated Power-to-X projects through system optimization
10:20	Niclas Meier	Aucotec	The value of digital twins in the hydrogen economy
10:45	Coffee break		
11:15	Daniel Mercer	Storengy Deutschland	Opportunities and challenges in developing hydrogen storage within the context of the H <sub>2</sub> market ramp-up
11:40	Esben Baltzer Nielsen	Stiesdal Hydrogen	Scaling green hydrogen with industrialized electrolysis
12:05	Dr. Bruno G. Pollet	UQTR Hydrogen Research Institute	Levelized cost of green hydrogen in Canada: wind energy-driven water electrolysis
12:30	Dr. Carlos Bernuy-Lopez	Ramboll	Cost-competitive clean hydrogen: CAPEX and OPEX insights for industrial integration
13:00	Lunch		





# Industry leaders speaking at Green Steel World Conference



**KARIN REUTERSKIÖLD**  
Forever Sustainable  
Partner & Sustainable Finance  
Advisor



**Dr. SEBASTIAN KREFT**  
Metalshub  
Co-Founder and  
Managing Director



**TIM ESCHERT**  
Fero Labs  
Managing Director, EMEA



**Dr. Ulf Narloch**  
CO<sub>2</sub> IQ  
Managing Director



**DR.-ING. MARKUS DORNDORF**  
Ternova  
Senior Business Development  
Director



**Dr. HARALD HOLZGRUBER**  
INTECO  
CEO



**MARIA MÄHL**  
ESG Book  
Partner and Head of  
USA ESG Solutions



**PÉLAGIE MEPIN-KOEBEL**  
EverySens  
Country Director Germany



**MATHIAS GEHL**  
Emerson  
Industry Manager Metals &  
Mining | Flexim Ultrasonic



**Dr. SERGEI MISHIN**  
Emerson  
Sales Director OEM Europe



**LUCA NICCOLINI**  
ANYbotics  
Partner and Head of  
Account Executive EMEA – Metals



**DR. BORIS RIGAULT**  
Siemens Energy  
Corporate Field of Action  
Director - Decarbonized Heat  
& Industrial Processes



**CRISTIANO BALESTRINO**  
Siemens Energy  
Product Manager



**R. K. GOYAL**  
Saarloha Advanced Materials  
Managing Director



**GALINA DONNIK**  
beSirius  
Chief Impact Officer



**KURT HERZOG**  
Primetals Technologies  
Head of Industry 4.0



**BERNHARD RISCHKA**  
Swiss Steel Group  
Director Corporate Technology



**MAXIMILIAN SCHAPPELWEIN**  
Schneider Electric  
International Account Manager  
Metals - Europe



**JOHANNES LOHMANN**  
European Investment Bank  
Cleantech Finance Advisor



**VASCO FERREIRA COSTA**  
European Investment Bank  
Senior Finance Advisor



**JAKOB WAY**  
Nordic Bio-Graphite  
CEO



**THOMAS BRÄCK**  
Meva Energy  
Business Development Director



**MARCUS HILLBOM**  
Alleima  
Business Development  
Manager - Tube division



**PETER DÖRMSTEDT**  
Alleima  
Project Manager -  
Electric Process Gas Heating

# Conference Timetable

13 May	Speaker	Company	Presentation title
09:00	Welcome by Christian Borrmann, Brand Director, KCI World		
09:05	Kurt Herzog	Primetals Technologies	Digitalization: the catalyst for the green transformation in steel industry
09:30	Dr. Sebastian Kreft	Metalshub	Uncovering green premiums in steel: a data-driven path to sustainable value
09:55	Tim Eschert	Fero Labs	How Supporting Steel's Frontline with AI Is Transforming Steel's Bottomline & Sustainability Goals
10:20	Galina Donnik	beSirius	Practical applications of AI for ESG reporting and regulatory compliance in the steel industry
10:45	Coffee break		
11:15	Dr.-Ing. Markus Dorndorf	Ternova	Technologies for green steel and competitiveness: paths to a sustainable decarbonization of steelmaking
11:40	Pélagie Mepin-Koebel	EverySens	Rail, AI and the future of steel logistics
12:05	Dr. Boris Rigault & Cristiano Balestrino	Siemens Energy	Decarbonization of heat and energy efficiency in steel industry
12:30	Marcus Hillbom	Alleima	Challenges of comparing life cycle assessments (LCA) to make informed choices
12:55	Lunch break		
14:00	Dr. Harald Holzgruber	INTECO	Zero-emission, low-cost hydrogen – methane pyrolysis as pathway to green steel
14:25	Johannes Lohmann & Vasco Ferreira Costa	EIB	Cleantech innovation and financing for European green steel
14:50	Dr. Ulf Narloch	CO <sub>2</sub> IQ	Can carbon pricing make green steel more competitive?
15:15	Coffee break		
15:45	<b>Interactive panel session: AI in Sustainable Finance</b> Moderator: Karin Reuterskiöld (Forever Sustainable) Panelists: Maria Mähl (ESG Book) Galina Donnik (beSirius)		
17:00	Networking reception		
14 May	Speaker	Company	Presentation title
09:00	Bernhard Rischka	Swiss Steel Group	Green steel strategy and circular economy activities at Swiss Steel Group
09:30	Jakob Way	Nordic Bio-Graphite	From reliance to resilience: securing Europe's eco-friendly graphite supply
09:55	Thomas Bräck	Meva Energy	Biosyngas – A fossil free alternative for metal production
10:20	Coffee break		
10:35	R. K. Goyal	Saarloha Advanced Materials	Pioneering green steel production in India
11:00	Luca Niccolini	ANYbotics	Autonomous inspection in the metals industry
11:25	Peter Dörmstedt	Alleima	Electric process gas heating - an enabler of fossil-free DRI
11:50	Coffee break		
12:05	Maximilian Schappelwein	Schneider Electric	Steel Reimagined
12:30	Mathias Gehl & Dr. Sergei Mishin	Emerson	Non-intrusive and wireless instrumentation is crucial to minimize personnel and optimize steel production
12:55	Lunch		

# Floorplan



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**CONFERENCE | 13-14 MAY 2025**

Van der Valk Airporthotel Düsseldorf | Germany

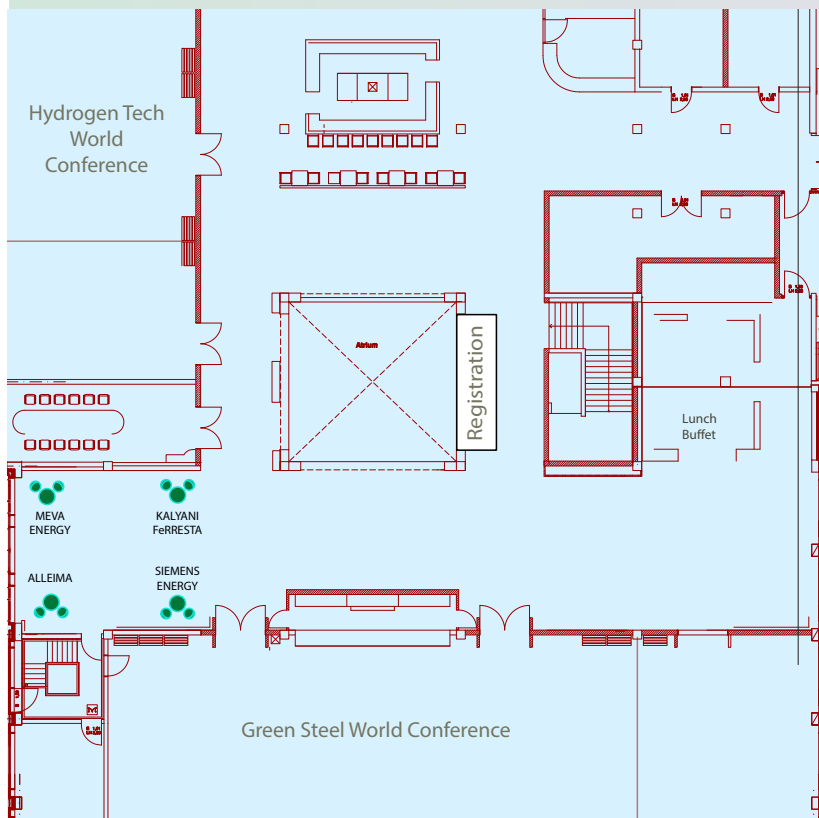


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## Where:

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