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Green Steel
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Hydrogen Tech
World

CONFERENCE

13-14 May 2025

Van der Valk Airporthotel Düsseldorf

CONFERENCE PROGRAMME



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Partner & Sustainable Finance
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Co-Founder and
Managing Director



TIM ESCHERT
Fero Labs
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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 ₂ IQ	Can carbon pricing make green steel more competitive?
15:15	Coffee break		
15:45	Interactive panel session: AI in Sustainable Finance 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		

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
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Deputy Director for
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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
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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	Panel discussion: 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 ₂ 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		



Floorplan



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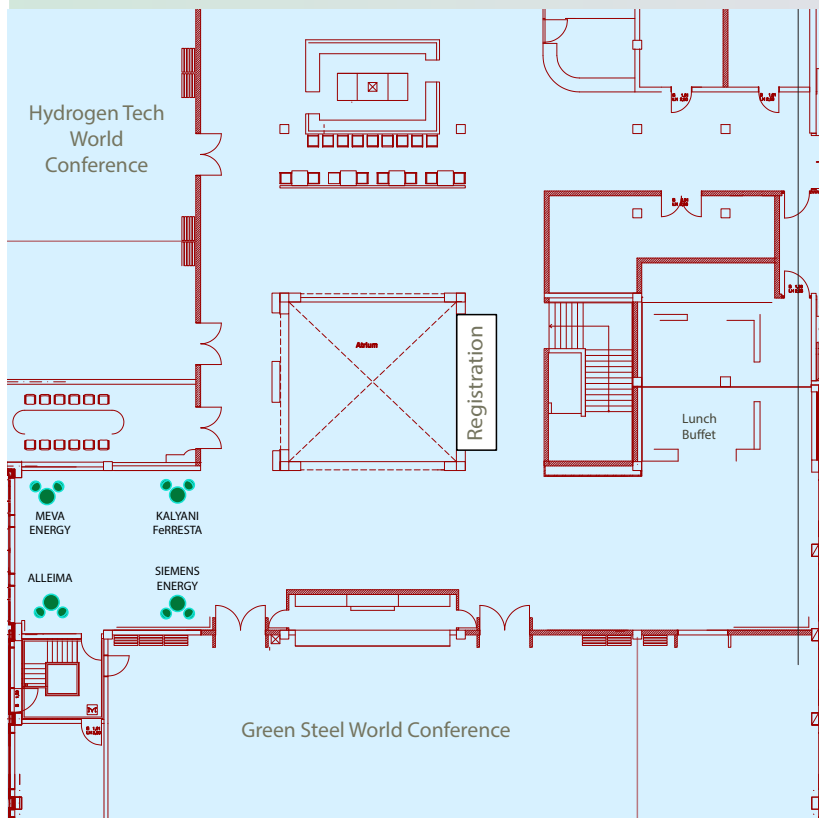


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